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20549 FORM 10-Q QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934For the quarterly period ended June 30, 2024 or TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934For the transition period from _____ to _____ Commission File Number: 001-38095 Ingersoll Rand Inc.(Exact Name of Registrant as Specified in Its Charter) Delaware46-2393770(State or Other Jurisdiction of Incorporation or Organization)(I.R.S. Employer Identification No.)525 Harbour Place Drive, Suite 600Davidson, North Carolina 28036(Address of Principal Executive Offices) (Zip Code)(704) 655-4000(Registrant's Telephone Number, Including Area Code) Securities Registered Pursuant to Section 12(b) of the Act:Title of Each ClassTrading Symbol(s)Name of Each Exchange on Which RegisteredCommon Stock, \$0.01 Par Value per shareIRNew York Stock ExchangeIndicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes A No A Indicate by check mark whether the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T (17 CFR 232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit such files). Yes A No A Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company, or an emerging growth company. See the definitions of large accelerated filer, accelerated filer, non-accelerated filer, smaller reporting company, and emerging growth company in Rule 12b-2 of the Exchange Act. Large accelerated filer A Accelerated filer A Emerging growth company A Non-accelerated filer A Smaller reporting company A If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. A Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes A No A The registrant had outstanding 403,484,175 shares of Common Stock, par value \$0.01 per share, as of July 26, 2024. Table of ContentsINGERSOLL RAND INC. AND SUBSIDIARIESFORM 10-QINDEXPage No.PART I. FINANCIAL INFORMATIONItem 1. Financial StatementsCondensed Consolidated Statements of Operations (Unaudited)5Condensed Consolidated Statements of Comprehensive Income (Loss) (Unaudited)6Condensed Consolidated Balance Sheets (Unaudited)7Condensed Consolidated Statements of Stockholders' Equity (Unaudited)8Condensed Consolidated Statements of Cash Flows (Unaudited)10Notes to Condensed Consolidated Financial Statements11Note 1. Basis of Presentation and Recent Accounting Pronouncements11Note 2. Acquisitions11Note 3. Restructuring14Note 4. Allowance for Credit Losses15Note 5. Inventories15Note 6. Goodwill and Other Intangible Assets15Note 7. Supply Chain Finance Program16Note 8. Accrued Liabilities16Note 9. Benefit Plans17Note 10. Debt18Note 11. Stock-Based Compensation Plans20Note 12. Accumulated Other Comprehensive Loss22Note 13. Hedging Activities and Derivative Instruments24Note 14. Fair Value Measurements27Note 15. Revenue from Contracts with Customers29Note 16. Income Taxes31Note 17. Other Operating Expense, Net32Note 18. Contingencies32Note 19. Segment Results33Note 20. Earnings Per Share35Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations36Item 3. Quantitative and Qualitative Disclosures About Market Risk49Item 4. Controls and Procedures49PART II. OTHER INFORMATIONItem 1. Legal Proceedings50Item 1A. Risk Factors50Item 2. Unregistered Sales of Equity Securities and Use of Proceeds50Item 3. Defaults Upon Senior Securities50Item 4. Mine Safety Disclosures50Item 5. Other Information50Item 6. Exhibits51SIGNATURES22Table of ContentsSPECIAL NOTE REGARDING FORWARD-LOOKING STATEMENTSIn addition to historical information, this Form 10-Q may contain forward-looking statements within the meaning of the securities harbor provisions of the Private Securities Litigation Reform Act of 1995. All statements, other than statements of historical facts included in this Form 10-Q, including statements concerning our plans, objectives, goals, beliefs, business strategies, future events, business conditions, results of operations, financial position, business outlook, business trends and other information, may be forward-looking statements. A word such as estimates, expects, anticipate, will, may, should, could, might, intend, plan, expect, believe, forecast, may, should, or variations of such words or similar expressions are used to identify forward-looking statements. A forward-looking statement is not historical facts, and are based upon our current expectations, beliefs, estimates and projections, and various assumptions, many of which, by their nature, are inherently uncertain and beyond our control. Our expectations, beliefs, estimates and projections are expressed in good faith and we believe there is a reasonable basis for them. A However, there can be no assurance that management's expectations, beliefs, estimates and projections will result or be achieved and actual results may vary materially from what is expressed in or indicated by the forward-looking statements. There are a number of risks, uncertainties and other important factors, many of which are beyond our control, that could cause our actual results to differ materially from the forward-looking statements contained in this Form 10-Q. Such risks, uncertainties and other important factors that could cause actual results to differ include, among others, the risks, uncertainties and factors set forth under Part II, Item 1A. Risk Factors and Part II, Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations in our Annual Report on Form 10-K for the fiscal year ended December 31, 2023 (the 2023 Annual Report) and under Part I, Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations in this Form 10-Q, as such risk factors may be updated from time to time in our periodic filings with the SEC, and are accessible on the SEC's website at www.sec.gov, and also include the following: We have exposure to the risks associated with instability in the global economy and financial markets, which may negatively impact our revenues, liquidity, suppliers and customers. Information systems failure or disruption, due to cyber terrorism or other actions, may adversely impact our business and result in financial loss to the Company or liability to our customers. More than half of our sales and operations are in non-U.S. jurisdictions and we are subject to the economic, political, regulatory and other risks of international operations. A natural disaster, catastrophe, pandemic, geopolitical tensions or other event could adversely affect our operations. Large or rapid increases in the cost of raw materials and component parts, substantial decreases in their availability or our dependence on particular suppliers of raw materials and component parts could materially and adversely affect our operating results. We face competition in the markets we serve, which could materially and adversely affect our operating results. Shareholder, customer and regulatory agency emphasis on environmental, social, and governance responsibility may impose additional costs on us or expose us to new risks. Acquisitions, including integrating such acquisitions, and dispositions create certain risks and may affect our operating results. Our results of operations are subject to exchange rate and other currency risks. A significant movement in exchange rates could adversely impact our results of operations and cash flows. If we are unable to develop new products and technologies, our competitive position may be impaired, which could materially and adversely affect our sales and market share. Our business could suffer if we experience employee work stoppages, union and work council campaigns or other labor difficulties. Changes in tax or other laws, regulations, or adverse determinations by taxing or other governmental authorities could increase our effective tax rate and cash taxes paid or otherwise affect our financial condition or operating results. Our success depends on our ability to attract, retain and develop key personnel and other talent throughout the Company. The risk of non-compliance with U.S. and foreign laws and regulations applicable to our international operations could have a significant impact on our results of operations, financial condition or strategic objectives. Third parties may infringe upon our intellectual property or may claim we have infringed their intellectual property, and we may expend significant resources enforcing or defending our rights or suffer competitive injury. The loss of, or disruption in, our distribution network could have a negative impact on our abilities to ship products, meet customer demand and otherwise operate our business. Our ongoing and expected restructuring plans and other cost savings initiatives may not be as effective as we anticipate, and we may fail to realize the cost savings and increased efficiencies that we expect to result from these actions. Our operating results could be negatively affected by our inability to effectively implement such restructuring plans and other cost savings initiatives. Cost overruns, delays, penalties or liquidated damages could negatively impact our results, particularly with respect to fixed-price contracts for custom engineered products. Our operating results could be adversely affected by a loss or reduction of business with key customers or consolidation or the vertical integration of our customer base. Credit and counterparty risks could harm our business. The nature of our products creates the possibility of significant product liability and warranty claims, which could harm our business. A significant portion of our assets consists of goodwill and other intangible assets, the value of which may be reduced if we determine that those assets are impaired. Environmental compliance costs and liabilities could adversely affect our financial condition. We face risks associated with our pension and other postretirement benefit obligations. Our indebtedness could have important adverse consequences and adversely affect our financial condition. We may not be able to generate sufficient cash to service all of our indebtedness, and may be forced to take other actions to satisfy our obligations under our indebtedness, which may not be successful. Despite our level of indebtedness, we and our subsidiaries may still be able to incur substantially more debt, including off-balance sheet financing, contractual obligations and general and commercial liabilities. This could further exacerbate the risks to our financial condition. Our fixed rate to floating rate swap contracts subject us to interest rate risk, which could cause our debt service obligations to increase significantly. We utilize derivative financial instruments to manage interest rate exposure and fixed to float mix. We will be exposed to risks related to counterparty credit worthiness or non-performance of these instruments. If the syndicate of financial institutions which are party to our New Revolving Credit Facility (as defined herein) fail to extend credit under our New Revolving Credit Facility, our liquidity and results of operations may be adversely affected. We caution you that the risks, uncertainties and other factors referenced above may not contain all of the risks, uncertainties and other factors that are important to you. In addition, we cannot assure you that we will realize the results, benefits or developments that we expect or anticipate or, even if substantially realized, that they will result in the consequences or affect us or our business in the way expected. There can be no assurance that (i) we have

costs of \$12.6Å million, which was recognized in the Condensed Consolidated Statements of Operations. In May 2024, the Company prepaid the remaining portion of the Dollar Term B and Dollar Term Loan which resulted in the write-off of unamortized discounts and debt issuance costs of \$3.0Å million, which was recognized in the Condensed Consolidated Statements of Operations. See Note 11. Debt. The Company's debt instruments are primarily secured by the assets of the Company and its subsidiaries. In May 2024, the Company entered into a credit agreement (the "Credit Agreement") with the lenders party thereto and Citibank, N.A., as administrative agent. The New Revolving Credit Facility provides for a senior unsecured revolving facility in an aggregate committed amount of \$2,600 million, a portion of which is available for the issuance of letters of credit in U.S. dollars, EUR or GBP. The New Revolving Credit Facility will mature on May 10, 2029, subject to up to two additional one-year extensions pursuant to the terms of the New Revolving Credit Facility. Borrowings under the New Revolving Credit Facility (other than borrowings in EUR or GBP) bear interest at a rate determined, at the Company's option, based on either (i) an alternate base rate or (ii) a Term SOFR rate with a 0.10% per annum Term SOFR adjustment, plus, in each case, an applicable margin that varies depending on the credit rating of the Company. Borrowings under the New Revolving Credit Facility in EUR (if any) bear interest at a EURIBOR rate, plus, in each case, an applicable margin that varies depending on the credit rating of the Company. Borrowings under the New Revolving Credit Facility in GBP (if any) bear interest at a daily simple SONIA rate plus, in each case, an applicable margin that varies depending on the credit rating of the Company. The financial covenant in the New Revolving Credit Facility requires the Company to maintain, as of the last day of each fiscal quarter (beginning with the second fiscal quarter of 2024), a ratio of adjusted consolidated total net debt to consolidated adjusted earnings before interest, taxes, depreciation and amortization (EBITDA) of not more than 3.50 to 1.00, provided that the Company may elect to increase such ratio to 4.00 to 1.00 following a qualified acquisition up to two times, each for a period of four fiscal quarters beginning with the quarter during which such qualified acquisition is consummated (and if the second election occurs during the first increase period, such increase will be effective for a total of eight consecutive fiscal quarters). As of June 30, 2024, the aggregate amount of commitments under the New Revolving Credit Facility was \$2,600 million and the capacity under the New Revolving Credit Facility to issue letters of credit was \$200 million. As of June 30, 2024, the Company had no outstanding borrowings under the New Revolving Credit Facility, no outstanding letters of credit under the New Revolving Credit Facility and unused availability under the New Revolving Credit Facility of \$2,600 million. As of June 30, 2024, we were in compliance with all covenants of our Senior Notes and New Revolving Credit Facility. Fair Value of Debt. The fair value of the Company's debt instruments at June 30, 2024 was \$4.9Å billion. The Company measures the fair value of its debt instruments for disclosure purposes based upon observable market prices quoted on public exchanges for similar assets. These fair value inputs are considered Level 2 within the fair value hierarchy. See Note 14. Fair Value Measurements for information on the fair value hierarchy. Note 11. Stock-Based Compensation Plans. The Company has outstanding stock-based compensation awards granted under the 2013 Stock Incentive Plan (2013 Plan) and the 2017 Omnibus Incentive Plan (as amended by the First Amendment, dated April 27, 2021, 2017 Plan) as described in Note 18. Stock-Based Compensation Plans to the consolidated financial statements in its 2023 Annual Report. The Company's stock-based compensation awards are generally granted in the first quarter of the year and consist of stock options, restricted stock units and performance share units. In some instances, such as death, awards may vest concurrently with or following an employee's termination. Stock-Based Compensation. For the three month periods ended June 30, 2024 and 2023, the Company recognized stock-based compensation expense of \$14.5 million and \$11.9 million, respectively, and \$28.6 million and \$24.0 million for the six month periods then ended, respectively. These costs are included in Cost of Sales and Selling and Administrative Expenses in the Condensed Consolidated Statements of Operations. As of June 30, 2024, there was \$131.5 million of total unrecognized compensation expense related to outstanding stock options, restricted stock unit awards and performance stock unit awards granted to employees and non-employee directors, as well as 300,000 conditional stock options awarded during the third quarter of 2022 to our Chairman and CEO in which the service date precedes the grant date, and will be granted upon achievement of certain performance targets. These 300,000 stock options have not been included in the Stock Option Awards section below since the grant date has not occurred. Stock Option Awards. Stock options are granted to employees with an exercise price equal to the fair value of the Company's per share common stock on the date of grant. Stock option awards typically vest over a four year period or a five year period and expire ten years from the date of grant. A summary of the Company's stock option (including SARs) activity for the six month period ended June 30, 2024 is presented in the following table (underlying shares in thousands). Shares Weighted-Average Exercise Price (per share) Stock options outstanding as of December 31, 2023 282,282 \$31.09Å Granted 525,549 90.35Å Exercised or settled (1,287,176) 2A Forfeited (40) 58,966Å Expired (231,29Å) Stock options outstanding as of June 30, 2024 478,478Å 41.66Å Vested as of June 30, 2024 994,290Å 20Table of ContentsThe following assumptions were used to estimate the fair value of options granted during the six month periods ended June 30, 2024 and 2023 using the Black-Scholes option-pricing model. For the Six Month Period Ended June 30, 2024, Assumptions 2024 2023 Expected life of options (in years) 6.3 - 7.56.3 - 7.5 Risk-free interest rate 4.2% - 4.3% 3.8% - 4.1% Assumed volatility 35.1% - 35.2% 36.4% - 36.6% Expected dividend rate 0.1Å % 0.1Å % Restricted Stock Unit Awards. Restricted stock units are granted to employees and non-employee directors based on the market price of the Company's common stock on the grant date and recognized in compensation expense over the vesting period. A summary of the Company's restricted stock unit activity for the six month period ended June 30, 2024 is presented in the following table (underlying shares in thousands). Shares Weighted-Average Grant-Date Fair Value Non-vested as of December 31, 2023 395,754Å \$52.18Å Granted 321,141Å 89.86Å Vested (397,476) 4.64Å Forfeited (43) 62.10Å Non-vested as of June 30, 2024 438,384Å 68.24Å Performance Share Unit (PSU) Awards. Annually, during the first quarter, the Company grants TSR PSUs to certain officers in which the number of shares issued at the end of the performance period is determined by the Company's total shareholder return percentile rank versus the S&P 500 index for the three year performance period. The grant date fair value of these awards is determined using a Monte Carlo simulation pricing model and compensation cost is recognized straight-line over a three year period. During the third quarter of 2022, the Company granted Special TSR PSUs to its Chairman and CEO that will become earned (but not vested) on the first date during the five year performance period on which the sum of (i) the 60-day volume-weighted average closing price of the Company's common stock, plus (ii) the cumulative value of any dividends paid during the five year performance period equals or exceeds \$81.85. The grant date fair value of these awards is determined using a Monte Carlo simulation pricing model and compensation cost is recognized straight-line over a five year period. The share price performance goal was achieved on March 6, 2024, but the PSUs will not vest until September 1, 2027, generally subject to Mr. Reynaldu's continued employment through such date. The Company also granted its Chairman and CEO Special EPS PSUs that are eligible to vest based on the level of compounded annual growth rate of the Company's Adjusted EPS during the five year performance period. The grant date fair value of these awards is based on the market price of the Company's common stock on the grant date and recognized as a compensation expense over a 4.3 year period. A summary of the Company's performance stock unit activity for the six month period ended June 30, 2024 is presented in the following table (underlying shares in thousands). Shares Weighted-Average Grant-Date Fair Value Non-vested as of December 31, 2023 380,453Å \$49.53Å Granted 87,132Å 98.8Å Change in units based on performance 122,558Å Vested (244,555) 84.4Å Forfeited (6) 71.81Å Non-vested as of June 30, 2024 339,944Å 54.28Å 21Table of ContentsThe following assumptions were used to estimate the fair value of performance share units granted during the six month periods ended June 30, 2024 and 2023 using the Monte Carlo simulation pricing model. For the Six Month Period Ended June 30, 2024, Assumptions 2024 2023 Expected term (in years) 2.82.9 Risk-free interest rate 4.5% 4.4Å Assumed volatility 28.9% 31.8Å Expected dividend rate 0.1Å % 0.1Å Note 12. Accumulated Other Comprehensive Loss. The Company's other comprehensive income (loss) consists of (i) unrealized foreign currency net gains and losses on the translation of the assets and liabilities of its foreign operations; (ii) realized and unrealized foreign currency gains and losses on certain hedges of net investments in foreign operations, net of income taxes; (iii) unrealized gains and losses on cash flow hedges (consisting of interest rate swap and cap contracts), net of income taxes; and (iv) pension and other postretirement prior service cost and actuarial gains or losses, net of income taxes. See Note 9. Benefit Plans and Note 13. Hedging Activities and Derivative Instruments. The before tax income (loss) and related income tax effect are as follows. For the Three Month Period Ended June 30, 2024 2023 Before-Tax Amount Tax Amount Tax Benefit (Expense) Net of Tax Amount Before-Tax Amount Tax Benefit (Expense) Net of Tax Amount Foreign currency translation adjustments, net \$(26.5) \$(7.5) \$(34.0) \$(46.6) \$(46.6) Unrecognized gains (losses) on cash flow hedges (7.1) 0.0Å (2.1) 14.6Å (3.7) 10.9Å Pension and other postretirement benefit prior service cost and gain or loss, net (1.8) 0.4Å (1.4) (1.0) 0.4Å (1.1) Other comprehensive loss (35.4) \$(2.1) \$(37.5) \$(33.5) \$(3.3) \$(36.8) For the Six Month Period Ended June 30, 2024 2023 Before-Tax Amount Tax Benefit (Expense) Net of Tax Amount Before-Tax Amount Tax Benefit (Expense) Net of Tax Amount Foreign currency translation adjustments, net \$(93.9) \$(13.6) \$(107.5) \$(0.4) \$(15.4) \$(15.8) Unrecognized gains (losses) on cash flow hedges (7.2) 0.5Å (2.7) 5.0Å (1.9) 5.6Å Pension and other postretirement benefit prior service cost and gain or loss, net (3.7) 0.9Å (2.8) (1.7) 0.4Å (1.3) Other comprehensive loss (104.8) \$(7.7) \$(112.5) \$5.4Å \$(16.9) \$(11.5) The tables above include only the other comprehensive income (loss), net of tax, attributable to Ingersoll Rand Inc. Other comprehensive income (loss), net, attributable to noncontrolling interest holders was \$0.1 million and \$(0.1) million for the three month periods ended June 30, 2024 and 2023, respectively, and \$(0.7) million and \$0.8 million for the six month periods ended June 30, 2024 and 2023, respectively, and related entirely to foreign currency translation adjustments. 22Table of ContentsChanges in accumulated other comprehensive loss by component for the six month periods ended June 30, 2024 and 2023 are presented in the following table, net of tax. Foreign Currency Translation Adjustments, Net Cash Flow Hedges Pension and Other Postretirement Benefit Plans Total Balance as of December 31, 2023 \$(248.0) \$12.2Å \$227.6Å Other comprehensive income (loss) before reclassifications (101.1) 14.4Å (2.1) (98.8) Amounts reclassified from accumulated other comprehensive loss (6.4) (6.6) (0.7) (13.7) Other comprehensive loss (107.5) (2.2) (112.5) Balance as of June 30, 2024 \$(355.5) \$10.0Å \$5.4Å \$(340.1) Foreign Currency Translation Adjustments, Net Cash Flow Hedges Pension and Other Postretirement Benefit Plans Total Balance as of December 31, 2023 \$(282.8) \$16.0Å \$15.1Å \$(251.7) Other comprehensive income (loss) before reclassifications (8.2) 10.1Å (0.1) 1.8Å Amounts reclassified from accumulated other comprehensive loss (7.6) (4.5) (1.2) (13.3) Other comprehensive income (loss) (15.8) 5.6Å (1.3) (11.5) Balance as of June 30, 2024 \$(298.6) \$21.6Å \$13.8Å \$(263.2) Reclassifications out of accumulated other comprehensive loss for the six month periods ended June 30, 2024 and 2023 are presented in the following table. Amount Reclassified from Accumulated Other Comprehensive Loss Details about Accumulated Other Comprehensive Loss Components For the Six Month Period Ended June 30, Affected Line(s) in the Statement Where Net Income is Presented 2024 2023 Cash flow hedges (interest rate swaps and caps) \$(8.8) \$(6.0) Interest expense Provision for income taxes 2.1Å 1.5Å Provision for income taxes Cash flow hedges (interest rate swaps and caps), net of tax (6.6) (4.5) Net investment hedges (8.5) (10.2) Interest expense Provision for income taxes 2.1Å 2.6Å Provision for income taxes Net investment hedges, net of tax (6.4) (7.6) Amortization of defined benefit pension and other postretirement benefit items (1) (0.9) (1.6) Cost of sales and Selling and Administrative Expenses Provision for income taxes 0.2Å 0.4Å Provision for income taxes Amortization of defined benefit pension and other postretirement benefit items, net of tax (0.7) (1.2) Total reclassifications for the period, net of tax (13.7) (13.3) (1) These components are included in the computation of net periodic benefit cost. See Note 9. Benefit Plans for additional details. 23Table of Contents Note 13. Hedging Activities and Derivative Instruments Hedging Activities. The Company is exposed to certain market risks through the normal course of its business arising from adverse changes in interest rates and foreign currency exchange rates. The Company selectively uses derivative financial instruments (derivatives), including cross-currency interest rate swap and foreign currency forward contracts and interest rate swap and cap contracts, to manage the risks from fluctuations in foreign currency exchange rates and interest rates, respectively. The Company does not purchase or hold derivatives for trading or speculative purposes. The Company manages its debt centrally, considering tax consequences and its overall financing strategies. The Company manages its exposure to interest rate risk by using interest rate derivatives as cash flow hedges of variable rate debt or fair value hedges of fixed rate debt in order to adjust the relative fixed and variable proportions. The Company's exposure to interest rate risk results primarily from its fixed rate debt floating rate interest rate swap contracts. A substantial portion of the Company's operations is conducted by its subsidiaries outside of the United States in currencies other than the USD. Almost all of the Company's non-U.S. subsidiaries conduct their business primarily in their local currencies, which are also their functional currencies. The USD, the EUR, GBP, Chinese Renminbi and Indian rupee are the principal currencies in which the Company and its subsidiaries enter into transactions. The Company is exposed to the impacts of changes in foreign currency exchange rates on the translation of its non-U.S. subsidiaries' assets, liabilities and earnings into USD. The Company manages this exposure by having certain U.S. subsidiaries borrow in currencies other than the USD or utilizing cross-currency interest rate swaps as net investment hedges. The Company and its subsidiaries are also subject to the risk that arises when they, from time to time, enter into transactions in currencies other than their functional currency. To mitigate this risk, the Company and its subsidiaries typically settle intercompany trading balances at least quarterly. The Company also selectively uses forward currency contracts to manage this risk. These contracts for the sale or purchase of European and other currencies generally mature within one year. Derivative Instruments. The following table summarizes the notional amounts, fair values and classification of the Company's outstanding derivatives by risk category and instrument type within the Condensed Consolidated Balance Sheets as of June 30, 2024 and December 31, 2023. June 30, 2024 Derivative Classification Notional Amount (1) Fair Value (1) Other Current Assets Fair Value (1) Other Assets Fair Value (1) Accrued Liabilities Fair Value (1) Other Liabilities Derivatives Designated as Hedging Instruments Interest rate swap contracts Fair Value \$750.0Å \$6.7Å \$7.0Å \$6.7Å Cross-currency interest rate swap contracts Net investment 1,074.3Å 10.6Å 0.6Å 3.3Å Derivatives Not Designated as Hedging Instruments Foreign currency forwards Fair value \$60.0Å \$6.0Å \$6.0Å Foreign currency forwards Fair value 73.5Å 6.6Å 1.4Å December 31, 2023 Derivative Classification Notional Amount (1) Fair Value (1) Other Current Assets Fair Value (1) Other Assets Fair Value (1) Accrued Liabilities Fair Value (1) Other Liabilities Derivatives Designated as Hedging Instruments Interest rate swap contracts Cash Flows \$28.5Å \$8.2Å \$1.2Å \$6.0Å Cross-currency interest rate swap contracts Net investment 1,054.2Å 15.7Å 6.6Å 6.1Å (1) Notional amounts represent the gross contract amounts of the outstanding derivatives excluding the total notional amount of positions that have been effectively closed through offsetting positions. Å The net gains and net losses associated with positions that have been effectively closed through offsetting positions but not yet settled are included in the asset and liability derivatives fair value columns, respectively. 24Table of Contents Payments to settle cross-currency swaps are classified as financing cash flows in the Condensed Consolidated Statements of Cash Flows. All other cash flows related to derivatives are classified as operating cash flows in the Condensed Consolidated Statements of Cash Flows. There were no off-balance sheet derivative instruments as of June 30, 2024 or December 31, 2023. Interest Rate Swap Contracts Designated as Fair Value Hedges. As of June 30, 2024, the Company was the variable rate payor on four interest rate swap contracts that effectively convert a total of \$400.0 million of the Company's fixed rate borrowings to variable rate borrowings. These contracts expire in May 2029. These swap agreements qualify as hedging instruments and have been designated as fair value hedges of \$400.0 million of the 2029 Notes, and were considered to be perfectly effective under the shortcut method. As of June 30, 2024, the Company was the variable rate payor on two interest rate swap contracts that effectively convert a total of \$250.0 million of the Company's fixed rate borrowings to variable rate borrowings. These contracts expire in April 2031. These swap agreements qualify as hedging instruments and have been designated as fair value hedges of \$250.0 million of the 2031 Notes, and were considered to be perfectly effective under the shortcut method. As of June 30, 2024, the Company was the variable rate payor on one interest rate swap contract that effectively convert a total of \$100.0 million of the Company's fixed rate borrowings to variable rate borrowings. This contract expires in March 2034. This swap agreement qualifies as a hedging instrument and has been designated as a fair value hedge of \$100.0 million of the 2034 Notes, and were considered to be perfectly effective under the shortcut method. June 30, 2024 December 31, 2023 Long-term debt: Carrying amount of hedged debt \$750.0Å \$6.7Å Cumulative hedging adjustments, included in carrying amount (1) 6.6Å 1.4Å (1) As of June 30, 2024, the swap valuation adjustments on our interest rate swaps designated as fair value hedges were immaterial. Interest Rate Swap and Cap Contracts Designated as Cash Flow Hedges. In April 2024, the Company entered into forward-starting interest rate swap agreements to hedge against changes in future cash flows resulting from changes in interest rates from the trade date through the forecasted issuance date of debt. During the three months ended June 30, 2024, the Company entered into and terminated cash flow hedges with notional value of \$750.0Å million in connection with the 2034 Notes and \$500.0Å million in connection with the 2054 Notes, both of which were issued on May 10, 2024. The swaps were terminated on May 7, 2024, with a loss of \$2.1 million on the swaps associated with the 2034 Notes and \$2.3 million on the swaps associated with the 2054 Notes. These losses will be amortized as an increase to interest expense over the term of the respective notes. The Company was previously the fixed rate payor on two interest rate swap contracts that effectively fixed the SOFR-based index used to determine the interest rates charged on a total of \$528.5 million of the Company's SOFR-based variable rate borrowings. These contracts carried a fixed rate of 3.2%. The Company and its counterparties terminated these contracts in May 2024. Prior to their termination, these swap agreements qualified as hedging instruments and were designated as cash flow hedges of forecasted interest payments.

These forecasted interest payments are still expected to occur as specified in the Company's hedge designations; therefore, the unrecognized gain at the time of termination will be reclassified into earnings over the remaining period of original term of the contracts, ending in June 2025. The unrecognized gain remaining in AOCI as of June 30, 2024 was \$9.7 million, all of which is expected to be reclassified into earnings as a reduction to interest expense during the next 12 months. The Company was previously a party to interest rate cap contracts that effectively limited the SOFR-based interest rates charged on a portion of the Company's variable rate borrowings to 4.0%. The Company and its counterparties terminated these contracts in August 2023. Prior to their termination, these cap contracts qualified as hedging instruments and were designated as cash flow hedges of forecasted interest payments. These forecasted interest payments are still expected to occur as specified in the Company's hedge designations; therefore, the unrecognized gain at the time of termination will be reclassified into earnings over the remaining period of the original term of the contracts, ending in June 2025. The unrecognized gain remaining in AOCI as of June 30, 2024 was \$3.4 million, all of which is expected to be reclassified into earnings as a reduction to interest expense during the next 12 months.

Table of Contents

Gains (losses) on derivatives designated as cash flow hedges included in the Condensed Consolidated Statements of Comprehensive Income (Loss) for the three and six month periods ended June 30, 2024 and 2023 are as presented in the table below.

For the Three Month Period Ended June 30, For the Six Month Period Ended June 30, 2024

2023

Gain (loss) recognized in OCI on derivatives \$(3.0)\$18.6\$ 1.6\$ 13.5

Gain reclassified from AOCI into income (effective portion) (1)4.1\$ 4.0\$ 8.8\$ 6.0

(1)Gains on derivatives reclassified from AOCI into income were included within Interest expense in the Condensed Consolidated Statements of Operations.

Cross-Currency Interest Rate Swap Contracts Designated as Net Investment Hedges

As of June 30, 2024, the Company was the fixed rate payor on three cross-currency interest rate swap contracts that replace a fixed rate of 5.4% on a total of \$428.9A million with a fixed rate of 3.7% on a total of \$-400.0A million. These contracts expire in May 2027 and have been designated as net investment hedges of our Euro denominated subsidiaries and require an exchange of the notional amounts at maturity. As of June 30, 2024, the Company was the fixed rate payor on three cross-currency interest rate swap contracts that replace a fixed rate of 5.7% on a total of \$322.7A million with a fixed rate of 4.1% on a total of \$-300.0A million. These contracts expire in May 2029 and have been designated as net investment hedges of our Euro denominated subsidiaries and require an exchange of the notional amounts at maturity. As of June 30, 2024, the Company was the fixed rate payor on three cross-currency interest rate swap contracts that replace a fixed rate of 5.7% on a total of \$322.7A million with a fixed rate of 4.1% on a total of \$-300.0A million. These contracts expire in May 2031 and have been designated as net investment hedges of our Euro denominated subsidiaries and require an exchange of the notional amounts at maturity. The Company was previously the fixed rate payor on two cross-currency interest rate swap contracts that replaced a fixed rate of 3.2% on a total of \$528.5 million with a fixed rate of 1.6% on a total of \$-500.0 million. These contracts were designated as net investment hedges of our Euro denominated subsidiaries until May 10, 2024 when they were terminated for \$10.0A million. The payments to settle the termination of the cross currency interest rate swaps are included in Payments to settle cross-currency swaps within our Condensed Consolidated Statements of Cash Flows. The recorded AOCI at the termination of the cross-currency interest rate swaps will remain in AOCI until there is a substantial liquidation of the Company's net investment in subsidiaries with EUR functional currencies. The Company was previously a party to three cross-currency interest rate swap contracts where we received SOFR on a total of \$525.7 million and paid EURIBOR on a total of \$-500.0 million. These contracts were designated as net investment hedges of our Euro denominated subsidiaries until May 10, 2024 when they were terminated for \$9.9A million. The payments to settle the termination of the cross currency interest rate swaps are included in Payments to settle cross-currency swaps within our Condensed Consolidated Statements of Cash Flows. The recorded AOCI at the termination of the cross-currency interest rate swaps will remain in AOCI until there is a substantial liquidation of the Company's net investment in subsidiaries with EUR functional currencies. Gains (losses) on derivatives designated as net investment hedges included in the Condensed Consolidated Statements of Comprehensive Income (Loss) for the three and six month periods ended June 30, 2024 and 2023 are as presented in the table below.

For the Three Month Period Ended June 30, For the Six Month Period Ended June 30, 2024

2023

Gain (loss) recognized in OCI on derivatives \$15.1A \$(6.6)\$43.7A \$(12.1)

Gain reclassified from AOCI into income (effective portion) (1)4.3A 4.8A 8.5A 10.2A

(1)Gains on derivatives reclassified from AOCI into income were included within Interest expense in the Condensed Consolidated Statements of Operations.

2)Table of Contents

Foreign Currency Forwards Not Designated as Hedging Instruments

The Company had three foreign currency forward contracts outstanding as of June 30, 2024 with notional amounts ranging from \$14.7A million to \$73.5A million. These contracts are used to hedge the change in fair value of recognized foreign currency denominated assets or liabilities caused by changes in currency exchange rates. The changes in the fair value of these contracts generally offset the changes in the fair value of a corresponding amount of the hedged items, both of which are included within Other operating expense, net in the Condensed Consolidated Statements of Operations. The Company's foreign currency forward contracts are subject to master netting arrangements or agreements between the Company and each counterparty for the net settlement of all contracts through a single payment in a single currency in the event of default on or termination of any one contract with that certain counterparty. It is the Company's practice to recognize the gross amounts in the Condensed Consolidated Balance Sheets. The amount available to be netted is not material. The Company's gains (losses) on derivative instruments not designated as accounting hedges and total net foreign currency gains for the three and six month periods ended June 30, 2024 and 2023 are as follows.

For the Three Month Period Ended June 30, For the Six Month Period Ended June 30, 2024

2023

Foreign currency forward contracts gains (losses) \$(2.0)\$0.2A \$(2.0)\$0.2A

Total foreign currency transaction gains, net \$1.1A 0.7A 0.1A

Note 14. Fair Value Measurements

A financial instrument is defined as cash or cash equivalents, evidence of an ownership interest in an entity, or a contract that creates a contractual obligation or right to deliver or receive cash or another financial instrument from another party. The Company's financial instruments consist primarily of cash and cash equivalents, trade accounts receivables, trade accounts payables, deferred compensation assets and obligations, acquisition related contingent consideration obligations, derivatives and debt instruments. The carrying values of cash and cash equivalents, trade accounts receivables, trade accounts payables, and variable rate debt instruments are a reasonable estimate of their respective fair values. Fair value is defined as the exchange price that would be received for an asset or paid to transfer a liability (an exit price) in the principal or more advantageous market for the asset or liability in an orderly transaction between market participants on the measurement date. Valuation techniques used to measure fair value must maximize the use of observable inputs and minimize the use of unobservable inputs. The fair value hierarchy is based on three levels of inputs, of which the first two are considered observable and the last unobservable, that may be used to measure fair value as follows.

Level 1

Quoted prices (unadjusted) in active markets for identical assets or liabilities as of the reporting date.

Level 2

Inputs other than Level 1 that are observable, either directly or indirectly, such as quoted prices for similar assets or liabilities; quoted prices in markets that are not active; or other inputs that are observable or can be corroborated by observable market data for substantially the full term of the assets or liabilities as of the reporting date.

Level 3

Unobservable inputs that are supported by little or no market activity and that are significant to the fair value of the assets or liabilities.

Table of Contents

The following tables summarize the Company's financial assets and liabilities measured at fair value on a recurring basis as of June 30, 2024 and December 31, 2023.

June 30, 2024

Level 1

Level 2

Level 3

Total

Financial Assets

Trading securities held in deferred compensation plan (1) \$19.1A \$6.7A \$19.1A

Interest rate swaps (2) \$7.0A \$7.0A

Cross-currency interest rate swaps (3) \$11.2A \$11.2A

Foreign currency forwards (4) \$1.1A \$1.1A

Financial Liabilities

Deferred compensation plans (1) \$26.5A \$26.5A

Interest rate swaps (2) \$7.0A \$7.0A

Cross-currency interest rate swaps (3) \$3.3A \$3.3A

Contingent consideration (5) \$98.7A \$98.7A

Foreign currency forwards (4) \$1.4A \$1.4A

Totals \$26.5A \$11.7A \$98.7A \$136.9A

December 31, 2023

Level 1

Level 2

Level 3

Total

Financial Assets

Trading securities held in deferred compensation plan (1) \$16.8A \$16.8A

Interest rate swaps (2) \$9.4A \$9.4A

Cross-currency interest rate swaps (3) \$15.7A \$15.7A

Totals \$16.8A \$25.1A \$41.9A

Financial Liabilities

Deferred compensation plan (1) \$24.7A \$24.7A

Cross-currency interest rate swaps (3) \$63.1A \$63.1A

Contingent consideration (5) \$42.2A \$42.2A

Totals \$24.7A \$63.1A \$42.2A \$130.0A

(1) Based on the quoted price of publicly traded mutual funds and other equity securities which are classified as trading securities and accounted for using the mark-to-market method. (2) Measured as the present value of all expected future cash flows based on the SOFR-based swap yield curves as of the end of the period. The present value calculation uses discount rates that have been adjusted to reflect the credit quality of the Company and its counterparties. (3) Measured as the present value of all expected future cash flows on each leg of the contracts. The model utilizes inputs of observable market data including interest yield curves and foreign currency exchange rates. The present value calculation uses cross-currency basis-adjusted discount factors that have been adjusted to reflect the credit quality of the Company and its counterparties. (4) Based on calculations that use readily observable market parameters as their basis, such as spot and forward rates. (5) Measured as the present value of expected consideration payable for completed acquisitions, generally derived using probability-weighted analysis of achieving projected revenue or EBITDA targets. Contingent Consideration

Certain of the Company's acquisitions may result in payments of consideration in future periods that are contingent upon the achievement of certain targets, generally measures of revenue and EBITDA. As part of the initial accounting for the acquisition, a liability is recorded for the estimated fair value of the contingent consideration on the acquisition date. The fair value of the contingent consideration is re-measured at each reporting period, and the change in fair value is recognized within Other operating expense, net in the Condensed Consolidated Statements of Operations. This fair value measurement of contingent consideration is categorized within Level 3 of the fair value hierarchy, as the measurement amount is based primarily on significant inputs that are not observable in the market.

Table of Contents

The following table provides a reconciliation of the activity for contingent consideration for the three and six month periods ended June 30, 2024 and 2023.

For the Three Month Period Ended June 30, For the Six Month Period Ended June 30, 2024

2023

At beginning of period \$48.4A \$48.4A

Acquisitions \$42.2A \$42.2A

Changes in fair value \$0.3A 4.1A 0.5A 8.4A

Payments (0.2)(3.1)(0.2)(3.1)

Foreign currency translation 0.3A (0.5)0.5A

Balance at end of the period \$98.7A \$62.5A \$98.7A \$62.5A

As of June 30, 2024, the contingent consideration included in Accrued liabilities and Other liabilities on the Condensed Consolidated Balance Sheets were \$60.3 million and \$38.4 million, respectively.

Note 15. Revenue from Contracts with Customers

Overview

The Company recognizes revenue when the Company has satisfied its obligation and control is transferred to the customer. The amount of revenue recognized includes adjustments for any variable consideration, such as rebates, sales discounts, liquidated damages, etc., which are included in the transaction price, and allocated to each performance obligation. The variable consideration is estimated throughout the course of the contract using the Company's best estimates. The majority of the Company's revenues are derived from short duration contracts and revenue is recognized at a single point in time when control is transferred to the customer, generally at shipment or when delivery has occurred or services have been rendered. The Company has certain long duration engineered to order (ETO) contracts that require highly engineered solutions designed to customer specific applications. For contracts where the contractual deliverables have no alternative use and the contract termination clauses provide for the recovery of cost plus a reasonable margin, revenue is recognized over time based on the Company's progress in satisfying the contractual performance obligations, generally measured as the ratio of actual costs incurred to date to the estimated total costs to complete the contract. For contracts with termination provisions that do not provide for recovery of cost and a reasonable margin, revenue is recognized at a point in time, generally at shipment or delivery to the customer. Identification of performance obligations, determination of alternative use, assessment of contractual language regarding termination provisions, and estimation of total project costs are all significant judgments required in the application of ASC 606. Contractual specifications and requirements may be modified. The Company considers contract modifications to exist when the modification either creates new or changes the existing enforceable rights and obligations. In the event a contract modification is for goods or services that are not distinct in the contract, and therefore, form part of a single performance obligation that is partially satisfied as of the modification date, the effect of the contract modification on the transaction price and the Company's measure of progress for the performance obligation to which it relates, is recognized on a cumulative catch-up basis. Taxes assessed by a government authority that are both imposed on and concurrent with a specific revenue-producing transaction, that are collected by the Company from a customer, are excluded from revenue. Sales commissions are generally due at either collection of payment from customers or recognition of revenue. Applying the practical expedient from ASC 340-40-25-4, the Company recognizes the incremental costs of obtaining contracts as an expense when incurred in the amortization period of the assets that the Company otherwise would have recognized in one year or less. These costs are included in Selling and administrative expenses in the Condensed Consolidated Statements of Operations.

Table of Contents

Disaggregation of Revenue

The following tables provide disaggregated revenue by reportable segment for the three and six month periods ended June 30, 2024 and 2023.

Industrial Technologies and Services

Precision and Science Technologies

Total

Three Month Period Ended June 30, 2024

2023

Primary Geographic Markets

United States \$1,223.3A \$1,108.0A

\$295.4A \$285.0A

\$1,518.7A \$1,393.0A

Other Americas \$22.3A \$178.9A

25.9A 14.4A

248.2A 193.3A

Total Americas \$1,445.6A \$1,286.9A

321.3A 299.4A

1,766.9A \$1,586.3A

EMEA \$906.6A \$854.5A

233.6A 227.3A

1,140.2A \$1,081.8A

Pacific \$487.7A \$54.2A

80.6A 93.5A

568.3A 647.7A

Total \$2,839.9A \$2,695.6A

\$635.5A \$620.2A

\$3,475.4A \$3,315.8A

Product Categories

Original equipment (1) \$1,897.6A \$843.2A

\$265.2A \$244.5A

\$1,162.8A \$1,087.7A

Aftermarket (2) \$568.9A \$35.2A

73.6A 63.6A

642.5A \$598.8A

Total \$1,466.5A \$1,378.4A

\$338.8A \$308.1A

\$1,805.3A \$1,686.5A

Revenue Recognition

Revenue recognized at point in time (3) \$1,334.2A \$1,266.2A

\$337.0A \$306.1A

\$1,671.2A \$1,572.3A

Revenue recognized over time (4) \$132.3A \$112.2A

1.8A 2.0A

134.1A \$114.2A

Total \$1,466.5A \$1,378.4A

\$338.8A \$308.1A

\$1,805.3A \$1,686.5A

Industrial Technologies and Services

Precision and Science Technologies

Total

Six Month Period Ended June 30, 2024

2023

Primary Geographic Markets

United States \$1,223.3A \$1,108.0A

\$295.4A \$285.0A

\$1,518.7A \$1,393.0A

Other Americas \$22.3A \$178.9A

25.9A 14.4A

248.2A 193.3A

Total Americas \$1,445.6A \$1,286.9A

321.3A 299.4A

1,766.9A \$1,586.3A

EMEA \$906.6A \$854.5A

233.6A 227.3A

1,140.2A \$1,081.8A

Pacific \$487.7A \$54.2A

80.6A 93.5A

568.3A 647.7A

Total \$2,839.9A \$2,695.6A

\$635.5A \$620.2A

\$3,475.4A \$3,315.8A

Product Categories

Original equipment (1) \$1,724.7A \$1,633.3A

\$490.2A \$489.8A

\$2,214.9A \$2,123.1A

Aftermarket (2) \$1,115.2A \$1,062.3A

145.3A 130.4A

1,260.5A \$1,192.7A

Total \$2,839.9A \$2,695.6A

\$635.5A \$620.2A

\$3,475.4A

Revenue Recognition

Revenue recognized at point in time (3) \$2,578.6A \$2,486.7A

\$632.5A \$617.3A

\$3,211.1A \$3,104.0A

Revenue recognized over time (4) \$261.3A \$208.9A

3.0A 2.9A

264.3A \$211.8A

Total \$2,839.9A \$2,695.6A

\$635.5A \$620.2A

\$3,475.4A \$3,315.8A

Table of Contents

(1) Revenues from sales of capital equipment within the Industrial Technologies and Services segment and sales of components to original equipment manufacturers in the Precision and Science Technologies segment. (2) Revenues from sales of spare parts, accessories, other components and services in support of maintaining customer owned, installed base of the Company's original equipment. Service revenue represents less than 10% of consolidated revenue. (3) Revenues from short and long duration product and service contracts recognized at a point in time when control is transferred to the customer generally when product delivery has occurred and services have been rendered. (4) Revenues primarily from long duration ETO product contracts, certain multi-year service contracts, and certain contracts for the delivery of a significant volume of substantially similar products recognized over time as contractual performance obligations are completed. Performance Obligations

As of June 30, 2024, for contracts with an original duration greater than one year, the Company expects to recognize revenue in the future related to unsatisfied (or partially satisfied) performance obligations of \$692.6 million in the next 12 months and \$683.1 million in periods thereafter. The performance obligations that are unsatisfied (or partially satisfied) are primarily related to orders for goods or services that were placed prior to the end of the reporting period and have not been delivered to the customer, on-going work on ETO contracts where revenue is recognized over time and service contracts with an original duration greater than one year. Contract Balances

The following table provides the contract balances as of June 30, 2024 and December 31, 2023 presented in the Condensed Consolidated Balance Sheets.

June 30, 2024

December 31, 2023

Accounts receivable, net \$1,301.4A \$1,234.2A

Contract assets \$124.1A \$85.6A

Contract liabilities - current \$24.0A \$31.2A

Contract liabilities - non-current \$0.9A 1.0A

Note 16. Income Taxes

The following table summarizes the Company's provision for income taxes and effective income tax provision rate for the three and six month periods ended June 30, 2024 and 2023.

For the Three Month Period Ended June 30, For the Six Month Period Ended June 30, 2024

2023

Income before income taxes \$236.1A \$238.9A

\$505.7A \$449.9A

Provision for income taxes \$46.1A \$60.5A

\$100.5A \$108.6A

Effective income tax provision rate 19.5% 25.3% 19.9% 24.1%

The decrease in the provision for income taxes and decrease in the effective income tax provision rate for the three month period ended June 30, 2024 when compared to the same three month period of 2023 is primarily due to a decrease in the pretax book income in jurisdictions with higher effective tax rates combined with an increase in earnings in jurisdictions with lower tax rates and a benefit from a windfall tax deduction. The decrease in the provision for income taxes and decrease in the effective income tax provision rate for the six month period ended June 30, 2024 when compared to the same six month period of 2023 is primarily due to a decrease in the pretax book income in

jurisdictions with higher effective tax rates combined with an increase in earnings in jurisdictions with lower tax rates and a benefit from a windfall tax deduction.31Table of ContentsNote 17. Other Operating Expense, NetThe components of Other operating expense, net, for the three and six month periods ended June 30, 2024 and 2023 were as follows.For the Three Month Period Ended June 30, For the Six Month Period Ended June 30, 2024202320242023Foreign currency transaction gains, net\$ (1.1) \$(0.7) \$(0.1) Restructuring charges, net(1.3) 9.5 2.2 13.6 8.1 Acquisition and other transaction related expenses(2) 25.9 12.8 41.2 28.0 Loss on asbestos sale(3) 58.8 58.8 58.8 58.8 0.5 4.2 4.2 Total other operating expense, net\$ 88.2 19.8 113.4 40.2 (1) See Note 3 Acquired Restructuring (2) Represents costs associated with successful and abandoned acquisitions, including third-party expenses and post-closure integration costs. (3) See Note 18 Acquired Contingencies. Note 18. ContingenciesThe Company is a party to various legal proceedings, lawsuits and administrative actions, which are of an ordinary or routine nature for a company of its size and sector. The Company believes that such proceedings, lawsuits and administrative actions will not materially adversely affect its operations, financial condition, liquidity or competitive position. For further description of the Company's contingencies, reference is made to Note 21, Acquired Contingencies in the notes to consolidated financial statements in the Company's 2023 Annual Report.Asbestos and Silica Related LitigationPrior to the divestiture described below, Accrued liabilities and Other liabilities of the Condensed Consolidated Balance Sheets included a total litigation reserve of \$126.9 million as of December 31, 2023 with regards to potential liability arising from the Company's asbestos-related litigation. The Company had an insurance recovery receivable for probable asbestos related recoveries of \$157.7 million as of December 31, 2023, which was included in Other assets in the Condensed Consolidated Balance Sheets. On June 5, 2024, the Company entered into a Membership Interest Purchase Agreement (the "Purchase Agreement") with Onyx TopCo LLC (the "Buyer"), a wholly owned subsidiary of Deltecus Holdings LLC (the "Deltecus"), which is an entity owned by entities affiliated with Third Point LLC. Under the Purchase Agreement, the Company transferred 100% of the equity interests of three wholly-owned subsidiaries that hold asbestos liabilities and certain assets, including the related insurance assets, to the Buyer, effective as of June 10, 2024. In connection with the divestiture (the "Asbestos Portfolio Sale"), the divested entities were capitalized with a total of \$188.5 million, including \$143.5 million from insurance settlement proceeds, \$35.0 million from affiliates of Deltecus, and \$10.0 million from Ingersoll Rand. As these subsidiaries were the obligors for the Company's asbestos-related liabilities and policyholders of the related insurance assets, the rights and obligations related to these items transferred upon the sale. The divested subsidiaries have agreed to indemnify us and our affiliates for their asbestos-related liabilities, which encompassed all of our consolidated asbestos-related liabilities and contingent liabilities immediately prior to the sale. The Purchase Agreement contains customary representations and warranties with respect to the divested subsidiaries, the Company, and Deltecus. Pursuant to the Purchase Agreement, the Company and Deltecus will each indemnify the other for breaches of representation and warranties or breaches of covenants, subject to certain limitations as set forth in the agreement. In connection with the sale, the Company and its Board of Directors received a solvency opinion from an independent advisory firm that the divested entities were solvent and adequately capitalized immediately prior to, at the time of, and after giving effect to, the sale. Following the completion of the transfer, the Company no longer has any obligation with respect to pending and future asbestos claims. As such, the divested entities have been deconsolidated from the financial results of the Company as we no longer maintain control of the entities. Therefore, all associated assets and liabilities are no longer reported on the Consolidated Balance Sheet. The transaction resulted in a pre-tax loss of \$58.8 million, recorded to Other operating expense, net. Additionally, the Company recorded a tax benefit as a result of the reversal of previously recorded net deferred tax liabilities of \$7.6 million, resulting in an after-tax loss of \$51.2 million recorded in the second quarter of 2024.32Table of ContentsThe following table summarizes the impacts of the divestiture.Assets divested:Cash and cash equivalents\$153.5 Insurance recovery receivable\$13.9 Liabilities divested:Asbestos indemnity liability - current(12.3) Asbestos indemnity liability - noncurrent(11.4) Loss on Asbestos Sale, before transaction costs\$43.7 Transaction costs\$15.1 Loss on Asbestos Sale\$58.8 Income tax benefit(7.6) Loss on Asbestos Sale, net of tax\$51.2 Environmental MattersThe Company has been identified as a potentially responsible party (a "PRP") with respect to several sites designated for cleanup under U.S. federal Superfund or similar state laws that impose liability for cleanup of certain waste sites and for related natural resource damages. The Company has undiscounted accrued liabilities of \$18.2 million and \$16.7 million as of June 30, 2024 and December 31, 2023, respectively, on its Condensed Consolidated Balance Sheets to the extent costs are known or can be reasonably estimated for its remaining financial obligations in relation to environmental matters and does not anticipate that any of these matters will result in material additional costs beyond amounts accrued. Based upon consideration of currently available information, the Company does not anticipate any material adverse effect on its results of operations, financial condition, liquidity or competitive position as a result of compliance with federal, state, local or foreign environmental laws or regulations, or cleanup costs relating to these matters. Note 19. Segment ResultsA description of the Company's two reportable segments, including the specific products manufactured and sold follows below. In the Industrial Technologies and Services segment, the Company designs, manufactures, markets and services a broad range of compression and vacuum equipment as well as fluid transfer equipment, and loading systems. The Company's compression and vacuum products are used worldwide in industrial manufacturing, transportation, chemical processing, food and beverage production, clean energy, environmental and other applications. In addition to equipment sales, the Company offers a broad portfolio of service options tailored to customer needs and complete range of aftermarket parts, air treatment equipment, controls and other accessories. The Company's engineered loading systems and fluid transfer equipment ensure the safe handling and transfer of crude oil, liquefied natural gas, compressed natural gas, chemicals, and bulk materials. In the Precision and Science Technologies segment, the Company designs, manufactures and markets a broad range of specialized positive displacement pumps, fluid management equipment, powder containment and aftermarket parts for medical, laboratory, pharmaceutical and biopharmaceutical production, industrial manufacturing, water and wastewater, chemical processing, clean energy, food and beverage, agriculture, aerospace and other markets. The Company's products are used for a diverse set of applications including precision dosing of chemicals and supplements, blood dialysis, oxygen therapy, food processing, fluid transfer and dispensing, spray finishing and coating, mixing, high-pressure air and gas management and others. The Company sells primarily through a broad global network of specialized and national distributors and original equipment manufacturers who integrate the Company's products into their devices and systems. The Chief Operating Decision Maker (a "CODM") evaluates the performance of the Company's reportable segments based on, among other measures, Segment Adjusted EBITDA. Management closely monitors the Segment Adjusted EBITDA of each reportable segment to evaluate past performance and actions required to improve profitability. Inter-segment sales and transfers are not significant. Administrative expenses related to the Company's corporate offices and shared service centers in the United States and Europe, which includes transaction processing, accounting and other business support functions, are allocated to the business segments. Certain administrative expenses, including senior management compensation, treasury, internal audit, tax compliance, certain information technology, and other corporate functions, are not allocated to the business segments.33Table of ContentsThe following table provides summarized information about the Company's operations by reportable segment and reconciles Segment Adjusted EBITDA to Income Before Income Taxes for the three and six month periods ended June 30, 2024 and 2023. For the Three Month Period Ended June 30, For the Six Month Period Ended June 30, 2024202320242023RevenueIndustrial Technologies and Services\$1,466.5 \$1,378.4 \$2,839.9 \$2,695.6 Precision and Science Technologies\$338.8 \$308.1 \$635.5 \$620.2 Total Revenue\$1,805.3 \$1,686.5 \$3,475.4 \$3,315.8 Segment Adjusted EBITDAIndustrial Technologies and Services\$436.2 \$377.5 \$847.3 \$723.1 Precision and Science Technologies\$102.5 \$90.0 \$193.9 \$184.5 Total Segment Adjusted EBITDA\$538.7 \$467.5 \$1,041.2 \$907.6 Less items to reconcile Segment Adjusted EBITDA to Income Before Income Taxes:Corporate expenses not allocated to segments\$44.1 \$42.8 \$88.1 \$82.8 Interest expense\$50.8 \$40.8 \$76.7 \$76.7 Depreciation and amortization expense(a) \$115.8 \$111.0 \$232.1 \$224.1 Restructuring and related business transformation costs(b) \$3.9 \$5.9 \$14.6 \$10.2 Acquisition and other transaction related expenses and non-cash charges(c) \$27.7 \$13.8 \$43.0 \$31.8 Stock-based compensation\$14.5 \$11.9 \$28.6 \$24.0 Foreign currency transaction gains, net\$ (1.1) \$(0.7) \$(0.1) Loss on extinguishment of debt\$3.0 \$0.9 \$3.0 \$0.9 Adjustments to LIFO inventories\$0.4 \$6.5 \$7.2 \$14.3 Cybersecurity incident costs (d) (0.1) 2.2 0.5 2.2 Loss on asbestos sale\$58.8 \$58.8 \$58.8 \$58.8 Interest income on cash and cash equivalents(16.3) (6.1) (27.7) (10.8) Other adjustments(e) (e) \$0.4 \$0.4 (1.4) Income Before Income Taxes\$236.1 \$238.9 \$505.7 \$449.9 Provision for income taxes\$46.1 \$60.5 \$100.5 \$108.6 Income (loss) from other method investments(3.5) 2.4 (14.2) 7.7 Net Income\$186.5 \$180.8 \$391.0 \$344.0 a) Depreciation and amortization expense excludes \$1.1 million and \$0.8 million of depreciation of rental equipment for the three month periods ended June 30, 2024 and 2023, respectively, and excludes \$2.0 million and \$1.7 million for the six month periods ended June 30, 2024 and 2023, respectively. b) Restructuring and related business transformation costs consist of the following. For the Three Month Period Ended June 30, For the Six Month Period Ended June 30, 2024202320242023Restructuring charges\$3.9 \$5.2 \$13.6 \$8.1 Facility reorganization, relocation and other costs\$0.7 \$1.0 \$2.1 \$1.2 Total restructuring and related business transformation costs\$3.9 \$5.9 \$14.6 \$10.2 c) Represents costs associated with successful and abandoned acquisitions, including third-party expenses, post-closure integration costs and non-cash charges and credits arising from fair value purchase accounting adjustments. d) Represents non-recoverable costs associated with a cybersecurity event. e) Includes (i) pension and other postemployment plan costs other than service cost and (ii) other miscellaneous adjustments.34Table of ContentsNote 20. Earnings Per ShareThe calculation of earnings per share is based on the weighted-average number of the Company's shares outstanding for the applicable period. The calculation of diluted earnings per share reflects the effect of all potentially dilutive shares that were outstanding during the respective periods, unless the effect of doing so is antidilutive. The Company uses the treasury stock method to calculate the dilutive effect of outstanding share-based compensation awards. The number of weighted-average shares outstanding used in the computations of basic and diluted earnings per share are as follows. For the Three Month Period Ended June 30, For the Six Month Period Ended June 30, 2024202320242023Weighted-average shares outstanding - Basic\$403.5 \$404.5 \$403.5 \$404.8 Dilutive effect of outstanding share-based compensation awards\$3.9 \$3.8 \$4.2 \$4.0 Weighted-average shares outstanding - Diluted\$407.4 \$408.3 \$407.4 \$408.8 For the three month periods ended June 30, 2024 and 2023, 0.6 million and 1.6 million, respectively, of anti-dilutive shares were not included in the computation of diluted earnings per share. For the six month periods ended June 30, 2024 and June 30, 2023, 0.4 million and 1.6 million of anti-dilutive shares were not included in the computation of diluted earnings per share, respectively.35Table of ContentsITEM 2. A MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONSThe following discussion contains management's discussion and analysis of our financial condition and results of operations and should be read together with the unaudited condensed consolidated financial statements and the related notes thereto included elsewhere in this Quarterly Report on Form 10-Q. This discussion contains forward-looking statements that reflect our plans, estimates and beliefs and involve numerous risks and uncertainties, including, but not limited to, those described in the "Risk Factors" section of our 2023 Annual Report. Actual results may differ materially from those contained in any forward-looking statements. You should carefully read the "Special Note Regarding Forward-Looking Statements" in this Quarterly Report on Form 10-Q. OverviewOur CompanyIngersoll Rand is a global market leader with a broad range of innovative and mission-critical air, fluid, energy and medical technologies, providing services and solutions to increase industrial productivity and efficiency. We manufacture one of the broadest and most complete ranges of compressor, pump, vacuum and blower products in our markets, which, when combined with our global geographic footprint and application expertise, allows us to provide differentiated product and service offerings to our customers. Our products are sold under a collection of premier, market-leading brands, including Ingersoll Rand, Gardner Denver, Nash, CompAir, ILC Dover, Thomas, Milton Roy, Seepex, Elmo Rietschle, ARO, Robuschi, Emco Wheaton and Runtech Systems, which we believe are globally recognized in their respective end-markets and known for product quality, reliability, efficiency and superior customer service. We operate with two reportable segments: Industrial Technologies and Services and Precision and Science Technologies. See Note 19 Segment Results to our unaudited condensed consolidated financial statements included elsewhere in this Form 10-Q for a description of our reportable segments. Items Affecting our Business, Industry and End MarketsGeneral Economic Conditions Our financial results closely follow changes in the industries and end-markets we serve. Demand for most of our products depends on the level of new capital investment and planned and unplanned maintenance expenditures by our customers. The level of capital expenditures depends, in turn, on the general economic conditions as well as access to capital at reasonable cost. Foreign Currency FluctuationsA significant portion of our revenues, approximately 53% for the six month period ended June 30, 2024, was denominated in currencies other than the U.S. dollar. Because much of our manufacturing facilities and labor force costs are outside of the United States, a significant portion of our costs are also denominated in currencies other than the U.S. dollar. Changes in foreign exchange rates can therefore impact our results of operations and are quantified when significant to our discussion. Factors Affecting the Comparability of our Results of OperationsKey factors affecting the comparability of our results of operations are summarized below. AcquisitionsPart of our strategy for growth is to acquire complementary businesses that provide access to new technologies or geographies or expand our offerings. While acquisitions, as discussed further in Note 2, are not individually significant or significant in the aggregate, they may be relevant when comparing our results from period to period. See Note 2 Acquisitions to our unaudited condensed consolidated financial statements included elsewhere in this Form 10-Q for further discussion of these acquisitions. Restructuring and Other Business Transformation InitiativesWe continue to execute business transformation initiatives. A key element of those initiatives are restructuring programs within our Industrial Technologies and Services and Precision and Science Technologies segments, as well as at the Corporate level. Restructuring charges, program related facility reorganization, relocation and other costs, and related capital expenditures were impacted most significantly. How We Assess the Performance of Our BusinessWe manage operations through the two business segments described above. In addition to our consolidated GAAP financial measures, we review various non-GAAP financial measures, including Adjusted EBITDA, Adjusted Net Income and Free Cash Flow. We believe Adjusted EBITDA and Adjusted Net Income are helpful supplemental measures to assist us and investors in evaluating our operating results as they exclude certain items whose fluctuation from period to period do not necessarily correspond to changes in the operations of our business. Adjusted EBITDA represents net income (loss) before interest, taxes, depreciation, amortization and certain non-cash, non-recurring and other adjustment items. We believe that the adjustments applied in presenting Adjusted EBITDA are appropriate to provide additional information to investors about certain material non-cash items and about non-recurring items that we do not expect to continue at the same level in the future. Adjusted Net Income is defined as net income (loss) including interest, depreciation and amortization of non-acquisition related intangible assets and excluding other items used to calculate Adjusted EBITDA and further adjusted for the tax effect of these exclusions. We use Free Cash Flow to review the liquidity of our operations. We measure Free Cash Flow as cash flows from operating activities less capital expenditures. We believe Free Cash Flow is a useful supplemental financial measure for us and investors in assessing our ability to pursue business opportunities and investments and to service our debt. Free Cash Flow is not a measure of our liquidity under GAAP and should not be considered as an alternative to cash flows from operating activities. Management and our board of directors regularly use these measures as tools in evaluating our operating and financial performance and in establishing discretionary annual compensation. Such measures are provided in addition to, and should not be considered to be a substitute for, or superior to, the comparable measures under GAAP. In addition, we believe that Adjusted EBITDA, Adjusted Net Income and Free Cash Flow are frequently used by investors and other interested parties in the evaluation of issuers, many of which also present Adjusted EBITDA, Adjusted Net Income and Free Cash Flow when reporting their results in an effort to facilitate an understanding of their operating and financial results and liquidity. Adjusted EBITDA, Adjusted Net Income and Free Cash Flow should not be considered as alternatives to net income (loss) or any other performance measure derived in accordance with GAAP, or as alternatives to cash flow from operating activities as a measure of our liquidity. Adjusted EBITDA, Adjusted Net Income and Free Cash Flow have limitations as analytical tools, and you should not consider such measures either in isolation or as substitutes for analyzing our results as reported under GAAP. See "Non-GAAP Financial Measures" below for reconciliation information. Results of OperationsConsolidated results should be read in conjunction with the segment results section herein and Note 19 Segment Results to our unaudited condensed consolidated financial statements included elsewhere in this Form 10-Q, which provides more detailed discussions concerning certain components of our Condensed Consolidated Statements of Operations. All intercompany accounts and transactions have been eliminated within the consolidated results. The following table presents selected Condensed Consolidated Results of Operations of our business for the three and six month periods ended June 30, 2024 and 2023.37Table of ContentsFor the Three Month Period Ended June 30, For the Six Month Period Ended June 30, 2024202320242023Condensed Consolidated Statement of Operations:Revenues\$1,805.3 \$1,686.5 \$3,475.4 \$3,315.8 Cost of sales\$1,012.0 \$989.0 \$1,935.8 \$1,954.1 Gross profit\$793.3 \$697.5 \$1,539.6 \$1,361.7 Selling and administrative expenses\$42.1 \$315.6 \$678.4 \$626.7 Amortization of intangible assets\$21.2 \$29.7 \$182.8 \$182.1 Other operating expense, net\$88.2 \$19.8 \$113.4 \$40.2 Operating income\$271.8 \$272.4 \$565.0 \$512.7 Interest expense\$0.8 \$40.8 \$76.7 \$79.7 Loss on extinguishment of debt\$3.0 \$0.9 \$3.0 \$0.9 Other income, net(11.8) (2.2) (31.3) (17.8) Income before

income taxes236.1Á 238.9Á 505.7Á 449.9Á Provision for income taxes46.1Á 60.5Á 100.5Á 108.6Á Income (loss) on equity method investments(3.5)2.4Á (14.2)2.7Á Net income186.5Á 180.8Á 391.0Á 344.0Á Less: Net income attributable to noncontrolling interests1.5Á 1.3Á 3.8Á 3.4Á Net income attributable to Ingersoll Rand Inc.185.0Á \$179.5Á \$387.2Á \$340.6Á Percentage of Revenues:Gross profit43.9Á %41.4Á %44.3Á %41.1Á %Selling and administrative expenses18.9Á %18.7Á %19.5Á %18.9Á %Operating income15.1Á %16.2Á %16.3Á %15.5Á %Net income10.3Á %10.7Á %11.3Á %10.9Á %Adjusted EBITDA27.4Á %25.2Á %27.4Á %24.9Á %Other Financial Data:Adjusted EBITDAÁ (1)\$494.6Á \$424.7Á \$953.1Á \$824.8Á Adjusted Net IncomeÁ (1)\$41.1Á \$278.2Á \$661.0Á \$455.2Á Cash flows - operating activities304.9Á \$228.4Á \$466.5Á \$398.7Á Cash flows - investing activities(2,628.5)(73.9)(2,834.1)(6,655.4)Cash flows - financing activities1,941.6Á (76.4)1,862.0Á (165.7)Free Cash FlowÁ (1)283.1Á \$203.6Á \$382.4Á \$351.5Á (1)See the Cash Non-GAAP Financial Measures section for a reconciliation to comparable GAAP measure.RevenuesRevenues for the three month period ended June 30, 2024 were \$1,805.3 million, an increase of \$118.8 million, or 7.0%, compared to \$1,686.5 million for the same three month period in 2023. The increase in revenues was primarily due to acquisitions of \$117.0 million and higher pricing of \$42.3 million, partially offset by lower organic volumes of \$26.1 million and unfavorable impact of foreign currencies of \$14.4 million. The percentage of consolidated revenues derived from aftermarket parts and services was 35.6% in the three month period ended June 30, 2024 compared to 35.5% in the same three month period in 2023. Revenues for the six month period ended June 30, 2024 were \$3,475.4 million, an increase of \$159.6 million, or 4.8%, compared to \$3,315.8 million for the same six month period in 2023. The increase in revenues was primarily due to acquisitions of \$172.7 million and higher pricing of \$90.6 million, partially offset by lower organic volumes of \$87.0 million and the unfavorable impact of foreign currencies of \$16.7 million. The percentage of consolidated revenues derived from aftermarket parts and services was 36.3% in the six month period ended June 30, 2024 compared to 36.0% in the same six month period in 2023. Gross ProfitGross profit for the three month period ended June 30, 2024 was \$793.3 million, an increase of \$95.8 million, or 13.7%, compared to \$697.5 million for the same three month period in 2023, and as a percentage of revenues was 43.9% for the three month period ended June 30, 2024 and 41.4% for the same three month period in 2023. The increase in gross profit is primarily due to higher pricing and acquisitions discussed above. The increase in gross profit as a percentage of revenues is primarily due to increased price and input cost productivity improvements. Gross profit for the six month period ended June 30, 2024 was \$1,539.6 million, an increase of \$177.9 million, or 13.1%, compared to \$1,361.7 million for the same six month period in 2023, and as a percentage of revenues was 44.3% for the six month period ended June 30, 2024 and 41.1% for the same six month period in 2023. The increase in gross profit is primarily due to higher pricing and acquisitions discussed above. The increase in gross profit as a percentage of revenues is primarily due to increased price and input cost productivity improvements. Selling and Administrative ExpensesSelling and administrative expenses were \$342.1 million for the three month period ended June 30, 2024, an increase of \$26.5 million, or 8.4%, compared to \$315.6 million for the same three month period in 2023. The increase in selling and administrative expenses was primarily attributable to businesses acquired in the second half of 2023 and first half of 2024. Selling and administrative expenses as a percentage of revenues increased to 18.9% for the three month period ended June 30, 2024 from 18.7% in the same three month period in 2023. Selling and administrative expenses were \$678.4 million for the six month period ended June 30, 2024, an increase of \$51.7 million, or 8.2%, compared to \$626.7 million for the same six month period in 2023. The increase in selling and administrative expenses was mainly from businesses acquired in the second half of 2023 and first half of 2024. Selling and administrative expenses as a percentage of revenues increased to 19.5% for the six month period ended June 30, 2024 from 18.9% in the same six month period in 2023. Amortization of Intangible AssetsAmortization of intangible assets was \$91.2 million for the three month period ended June 30, 2024, an increase of \$1.5 million, compared to \$89.7 million in the same three month period in 2023. The increase was primarily due to businesses acquired in the second half of 2023 and first half of 2024 discussed in Note 2. AcquisitionsAcquisitions to our unaudited condensed consolidated financial statements included elsewhere in this Form 10-Q, partially offset by certain intangible assets becoming fully amortized during the period. Amortization of intangible assets was \$182.8 million for the six month period ended June 30, 2024, an increase of \$0.7 million, compared to \$182.1 million in the same six month period in 2023. The increase was primarily due to businesses acquired in the second half of 2023 and first half of 2024 discussed in Note 2. Acquisitions to our unaudited condensed consolidated financial statements included elsewhere in this Form 10-Q, partially offset by certain intangible assets becoming fully amortized during the period. Other Operating Expense, NetOther operating expense, net was \$88.2 million for the three month period ended June 30, 2024, an increase of \$68.4 million, compared to \$19.8 million in the same three month period in 2023. The increase in expense was primarily due to the loss on asbestos sale of \$58.8 million, higher acquisition and other transaction related expenses and non-cash charges of \$13.1 million and lower foreign currency transaction gains, net of \$1.1 million, partially offset by lower restructuring charges of \$1.3 million. See Note 18. ContingenciesContingencies to our unaudited condensed consolidated financial statements included elsewhere in this Form 10-Q for further discussion of the loss on asbestos sale. Other operating expense, net was \$113.4 million for the six month period ended June 30, 2024, an increase of \$73.2 million, compared to \$40.2 million in the same six month period in 2023. The increase was primarily due to the loss on asbestos sale of \$58.8 million, higher acquisition and other transaction related expenses and non-cash charges of \$13.2 million and higher restructuring charges of \$5.5 million, partially offset by higher foreign currency transaction gains, net of \$0.6 million. See Note 3. Table of Contents18. ContingenciesContingencies to our unaudited condensed consolidated financial statements included elsewhere in this Form 10-Q for further discussion of the loss on asbestos sale. Interest ExpenseInterest expense was \$50.8 million for the three month period ended June 30, 2024, an increase of \$10.0 million, compared to \$40.8 million in the same three month period in 2023. The increase was primarily due to an increase in long term debt, partially offset by the interest rate derivative contracts discussed in Note 13. Hedging Activities and Derivative InstrumentsHedging activities and derivative instruments to our unaudited condensed consolidated financial statements included elsewhere in this Form 10-Q. The weighted average interest rate, including the impact of the interest rate derivative contracts, was approximately 5.2% for the three month period ended June 30, 2024 and 5.4% in the same three month period in 2023. Interest expense was \$87.6 million for the six month period ended June 30, 2024, an increase of \$7.9 million, compared to \$79.7 million in the same six month period in 2023. The increase was primarily due to an increase in long term debt, partially offset by the interest rate derivative contracts discussed in Note 13. Hedging Activities and Derivative InstrumentsHedging activities and derivative instruments to our unaudited condensed consolidated financial statements included elsewhere in this Form 10-Q. The weighted average interest rate, including the impact of the interest rate derivative contracts, was approximately 5.2% for the six month period ended June 30, 2024 and 5.3% in the same period in 2023. Other Income, NetOther income, net was \$18.1 million and \$8.2 million in the three month periods ended June 30, 2024 and 2023, respectively. The increase was primarily due to an increase in interest income from holdings of cash and cash equivalents. Other income, net was \$31.3 million and \$17.8 million in the six month periods ended June 30, 2024 and 2023, respectively. The increase was primarily due to an increase in interest income from holdings of cash and cash equivalents. Provision for Income TaxesThe provision for income taxes was \$46.1 million, resulting in a 19.5% effective income tax provision rate for the three month period ended June 30, 2024, compared to a provision for income taxes of \$60.5 million, resulting in a 25.3% effective income tax provision rate in the same three month period in 2023. The decrease in the tax provision for the three month period ended June 30, 2024 is primarily due to a decrease in the pretax book income in jurisdictions with higher effective tax rates combined with an increase in earnings in jurisdictions with lower rates and a benefit from a windfall tax deduction. The provision for income taxes was \$100.5 million, resulting in a 19.9% effective income tax provision rate for the six month period ended June 30, 2024, compared to a provision for income taxes of \$108.6 million, resulting in a 24.1% effective income tax provision rate in the same six month period in 2023. The decrease in the tax provision for the six month period ended June 30, 2024 is primarily due to a decrease in the pretax book income in jurisdictions with higher effective tax rates combined with an increase in earnings in jurisdictions with lower rates and a benefit from a windfall tax deduction. Net IncomeNet income was \$186.5 million for the three month period ended June 30, 2024 compared to net income of \$180.8 million in the same three month period in 2023. The increase in net income was primarily due to higher gross profit on increased revenues and lower provision for income taxes, partially offset by higher other operating expense, net, higher selling and administrative expenses, and higher loss on equity method investments. Net income was \$391.0 million for the six month period ended June 30, 2024 compared to net income of \$344.0 million in the same six month period in 2023. The increase in net income was primarily due to higher gross profit on increased revenues and lower provision for income taxes, partially offset by higher other operating expense, net, higher selling and administrative expenses, and higher loss on equity method investments. Adjusted EBITDAAdjusted EBITDA increased \$69.9 million to \$494.6 million for the three month period ended June 30, 2024 compared to \$424.7 million in the same three month period in 2023. Adjusted EBITDA as a percentage of revenues increased 220 basis points to 27.4% for the three month period ended June 30, 2024 from 25.2% for the same three month period in 2023. The increase in Adjusted EBITDA was primarily due to higher pricing of \$42.3 million, acquisitions of \$28.4 million, and favorable cost productivity and product mix of \$22.3 million, partially offset by lower organic sales volume of \$11.2 million, higher selling and administrative costs of \$8.4 million, and unfavorable impact of foreign currencies of \$3.8 million. The increase in Adjusted EBITDA as a percentage of revenues is primarily attributable to higher pricing, input cost productivity improvements, and product mix. Adjusted EBITDA increased \$128.3 million to \$953.1 million for the six month period ended June 30, 2024 compared to \$824.8 million in the same six month period in 2023. Adjusted EBITDA as a percentage of revenues increased 250 basis points to 27.4% for the six month period ended June 30, 2024 from 24.9% for the same six month period in 2023. The increase in Adjusted EBITDA was primarily due to higher pricing of \$90.6 million, and favorable cost productivity and product mix of \$55.2 million, partially offset by lower organic sales volume of \$37.4 million, higher selling and administrative costs of \$18.0 million, and the unfavorable impact of foreign currencies of \$5.0 million. The increase in Adjusted EBITDA as a percentage of revenues is primarily attributable to higher pricing, input cost productivity improvements, and product mix. Adjusted Net IncomeAdjusted Net Income increased \$62.9 million to \$341.1 million for the three month period ended June 30, 2024 compared to \$278.2 million in the same three month period in 2023. The increase was primarily due to higher Adjusted EBITDA and higher interest income on cash and cash equivalents, partially offset by higher interest expense and higher income tax provision, as adjusted. Adjusted Net Income increased \$115.8 million to \$661.0 million for the six month period ended June 30, 2024 compared to \$545.2 million in the same six month period in 2023. The increase was primarily due to increased Adjusted EBITDA and higher interest income on cash and cash equivalents, partially offset by a higher income tax provision, as adjusted, and higher interest expense. 41. Table of ContentsNon-GAAP Financial MeasuresSet forth below are the reconciliations of Net Income to Adjusted EBITDA and Adjusted Net Income and Cash Flows from Operating Activities to Free Cash Flow. For the Three Month Period Ended June 30, For the Six Month Period Ended June 30, 2024202320242023Net Income\$186.5Á \$180.8Á \$391.0Á \$344.0Á Plus: Interest expense5.8Á 40.8Á 87.6Á 79.7Á Provision for income taxes46.1Á 60.5Á 100.5Á 108.6Á Depreciation expenseÁ (a)24.6Á 21.3Á 49.3Á 42.0Á Amortization expenseÁ (b)91.2Á 89.7Á 182.8Á 182.1Á Restructuring and related business transformation costsÁ (c)3.9Á 5.9Á 14.6Á 10.2Á Acquisition and other transaction related expenses and non-cash chargesÁ (d)27.7Á 13.8Á 43.0Á 31.8Á Stock-based compensation14.5Á 11.9Á 28.6Á 24.0Á Foreign currency transaction gains, netÁ (e)Á (1.1)Á (0.7)Á (0.1)Á Loss (income) on equity method investments3.5Á (2.4)Á 14.2Á (2.7)Á Loss on extinguishment of debt3.0Á 0.9Á 3.0Á 0.9Á Adjustments to LIFO inventories0.4Á 6.5Á 7.2Á 14.3Á Cybersecurity incident costs (e)(0.1)2.2Á 0.5Á 2.2Á Loss on asbestos sale58.8Á (e)Á 58.8Á (e)Á Interest income on cash and cash equivalents(16.3)(6.1)(27.7)(10.8)Other adjustmentsÁ (f)Á (e)Á 0.4Á (1.4)Adjusted EBITDA\$494.6Á \$424.7Á \$953.1Á \$824.8Á Minus: Interest expense\$50.8Á \$40.8Á \$87.6Á \$79.7Á Income tax provision, as adjustedÁ (g)92.3Á 87.9Á 178.7Á 163.5Á Depreciation expense24.6Á 21.3Á 49.3Á 42.0Á Amortization of non-acquisition related intangible assets2.1Á 2.6Á 4.2Á 5.2Á Interest income on cash and cash equivalents(16.3)(6.1)(27.7)(10.8)Adjusted Net Income\$341.1Á \$278.2Á \$661.0Á \$545.2Á Free Cash FlowCash flows from operating activities\$304.9Á \$228.4Á \$466.5Á \$398.7Á Minus:Capital expenditures21.8Á 24.8Á 84.1Á 47.2Á Free Cash Flow\$283.1Á \$203.6Á \$382.4Á \$351.5Á (a)Depreciation expense excludes \$1.1 million and \$0.8 million of depreciation of rental equipment for the three month periods ended June 30, 2024 and 2023, respectively, and excludes \$2.0 million and \$1.7 million for the six month periods ended June 30, 2024 and 2023, respectively. (b)Represents \$89.1 million and \$87.1 million of amortization of intangible assets arising from acquisitions (customer relationships, technology, tradenames and backlog) and \$2.1 million and \$2.6 million of amortization of non-acquisition related intangible assets, in each case, for the three month periods ended June 30, 2024 and 2023, respectively. Represents \$178.6 million and \$176.9 million of amortization of intangible assets arising from the acquisition of Ingersoll Rand Industrial and other acquisitions (customer relationships, technology, tradenames and backlog) and \$4.2 million and \$5.2 million of amortization of non-acquisition related intangible assets, in each case, for the six month periods ended June 30, 2024 and 2023, respectively. (c)Restructuring and related business transformation costs consisted of the following. For the Three Month Period Ended June 30, For the Six Month Period Ended June 30, 2024202320242023Restructuring charges\$3.9Á \$5.2Á \$13.6Á \$8.1Á Facility reorganization, relocation and other costsÁ (e)Á 0.7Á 0.7Á 2.1Á Total restructuring and related business transformation costs\$3.9Á \$5.9Á \$14.6Á \$10.2Á (d)Represents costs associated with successful and/or abandoned acquisitions and divestitures, including third-party expenses, post-closure integration costs, and non-cash charges and credits arising from fair value purchase accounting adjustments. (e)Represents non-recoverable costs associated with a cybersecurity event. (f)Includes (i) pension and other postemployment plan costs other than service costs and (ii) other miscellaneous adjustments. (g)Represents our income tax provision adjusted for the tax effect of pre-tax items excluded from Adjusted Net Income and the removal of the applicable discrete tax items. The tax effect of pre-tax items excluded from Adjusted Net Income is computed using the statutory tax rate related to the jurisdiction that was impacted by the adjustment after taking into account the impact of permanent differences and valuation allowances. Discrete tax items include changes in tax laws or rates, changes in uncertain tax positions relating to prior years and changes in valuation allowances. The adjusted amounts are then used to calculate an adjusted provision for the quarter. The income tax provision, as adjusted for each of the periods presented below consisted of the following. For the Three Month Period Ended June 30, For the Six Month Period Ended June 30, 2024202320242023Provision for income taxes\$46.1Á \$60.5Á \$100.5Á \$108.6Á Tax impact of pre-tax income adjustments38.0Á 28.0Á 67.3Á 56.1Á Discrete tax items8.2Á (0.6)10.9Á (1.2)Income tax provision, as adjusted\$92.3Á \$87.9Á \$178.7Á \$163.5Á Segment ResultsWe classify our business into two segments: Industrial Technologies and Services and Precision and Science Technologies. Our Corporate operations are not discussed separately as any results that had a significant impact on operating results are included in the Results of Operations discussion above. We evaluate the performance of our segments based on Segment Revenues and Segment Adjusted EBITDA. Segment Adjusted EBITDA is indicative of operational performance and ongoing profitability. Our management closely monitors Segment Adjusted EBITDA to evaluate past performance and identify actions required to improve profitability. The segment measurements provided to and evaluated by the chief operating decision maker are described in Note 19. Segment Results to our unaudited condensed consolidated financial statements included elsewhere in this Form 10-Q. Segment Results for the Three and Six Month Periods Ended June 30, 2024 and 2023The following tables display Segment Orders, Segment Revenues, Segment Adjusted EBITDA and Segment Adjusted EBITDA Margin (Segment Adjusted EBITDA as a percentage of Segment Revenues) for each of our Segments. Industrial Technologies and Services Segment ResultsFor the Three Month Period Ended June 30, Percent Change202420232024 vs. 2023Segment Orders\$1,465.4Á \$1,444.3Á 1.5Á %Segment Revenues\$1,466.5Á \$1,378.4Á 6.4Á %Segment Adjusted EBITDA\$436.2Á \$377.5Á 15.5Á %Segment Margin29.7Á %27.4Á %27.300Á Á bpsSegment Orders for the three month period ended June 30, 2024 were \$1,465.4 million, an increase of \$21.1 million, or 1.5%, compared to \$1,444.3 million in the same three month period in 2023. The increase in Segment Orders was due to acquisitions of \$37.3 million or 5.1%, partially offset by lower organic orders of \$38.1 million or 2.6% and the unfavorable impact of foreign currencies of \$14.0 million or 1.0%. Segment Revenues for the three month period ended June 30, 2024 were \$1,466.5 million, an increase of \$88.1 million, or 6.4%, compared to \$1,378.4 million in the same three month period in 2023. The increase in Segment Revenues was due to acquisitions of \$81.1 million or 5.9% and higher pricing of \$35.3 million or 2.6%, partially offset by lower organic volumes of \$15.7 million or 1.1% and unfavorable impact of foreign currencies of \$12.6 million or 0.9%. The percentage of Segment Revenues derived from aftermarket parts and service was 38.8% in the three month period ended June 30, 2024 compared to 38.8% in the same three month period in 2023. Segment Adjusted EBITDA for the three month period ended June 30, 2024 was \$436.2 million, an increase of \$58.7 million, or 15.5%, from \$377.5 million in the same three month period in 2023. Segment Adjusted EBITDA Margin increased 230 basis points to 29.7% from 27.4% in 2023. The increase in Segment Adjusted EBITDA was primarily due to higher pricing of \$35.3 million or 9.4%, favorable cost productivity and product mix of \$23.3 million or 6.2%, and acquisitions of \$18.7 million or 5.0%, partially offset by higher selling and administrative costs of \$9.1 million or 2.4%, lower organic sales volume of \$6.4 million or 1.7%, and unfavorable impact of foreign currencies of \$3.6 million or 1.0%. For the Six Month Period Ended June 30, Percent Change202420232024 vs. 2023Segment Orders\$2,863.8Á \$2,894.6Á (1.1)Á %Segment Revenues\$2,839.9Á \$2,695.6Á 5.4Á %Segment Adjusted EBITDA\$847.3Á \$723.1Á 17.2Á %Segment Margin29.8Á %26.8Á %26.3000Á Á bpsSegment Orders for the six month period ended June 30, 2024 were \$2,863.8 million, a decrease of \$30.8 million, or 1.1%, compared to \$2,894.6 million in

the same six month period in 2023. The decrease in Segment Orders was due to lower organic orders of \$143.0 million or 4.9% and the unfavorable impact of foreign currencies of \$16.6 million or 0.6%, partially offset by acquisitions of \$128.8 million or 4.4%. Segment Revenues for the six month period ended June 30, 2024 were \$2,839.9 million, an increase of \$144.3 million, or 5.4%, compared to \$2,695.6 million in the same six month period in 2023. The increase in Segment Revenues was due to acquisitions of \$136.8 million or 5.1% and higher pricing of \$74.5 million or 2.8%, partially offset by lower organic volumes of \$52.0 million or 1.9% and unfavorable impact of foreign currencies of \$15.0 million or 0.6%. The percentage of Segment Revenues derived from aftermarket parts and service was 39.3% in the six month period ended June 30, 2024 compared to 39.4% in the same six month period in 2023. Segment Adjusted EBITDA for the six month period ended June 30, 2024 was \$847.3 million, an increase of \$124.2 million, or 17.2%, from \$723.1 million in the same six month period in 2023. Segment Adjusted EBITDA Margin increased 300 basis points to 29.8% from 26.8% in 2023. The increase in Segment Adjusted EBITDA was primarily due to higher pricing of \$74.5 million or 10.3%, favorable cost productivity and product mix of \$59.6 million or 8.2%, and acquisitions of \$30.4 million or 4.2%, partially offset by lower organic sales volume of \$21.0 million or 2.9%, higher selling and administrative costs of \$15.8 million or 2.2%, and unfavorable impact of foreign currencies of \$4.4 million or 0.6%. Precision and Science Technologies Segment Results For the Three Month Period Ended June 30, Percent Change 2024/2023 2024 vs. 2023 Segment Orders \$334.0A \$293.1A 14.0A % Segment Revenues \$338.8A \$308.1A 10.0A % Segment Adjusted EBITDA \$102.5A \$90.0A 13.9A % Segment Margin 30.3A % 29.2A % 1.1A % Segment Orders for the three month period ended June 30, 2024 were \$334.0 million, an increase of \$40.9 million, or 14.0%, compared to \$293.1 million in the same three month period in 2023. The increase in Segment Orders was due to acquisitions of \$26.0 million or 8.9% and organic growth of \$17.0 million or 5.8%, partially offset by foreign currencies of \$2.1 million or 0.7%. 44 Table of Contents Segment Revenues for the three month period ended June 30, 2024 were \$338.8 million, an increase of \$30.7 million, or 10.0%, compared to \$308.1 million in the same three month period in 2023. The increase in Segment Revenues was primarily due to acquisitions of \$35.9 million or 11.7% and higher pricing of \$7.0 million or 2.3%, partially offset by lower organic volumes of \$10.4 million or 3.4% and unfavorable impact of foreign currencies of \$1.8 million or 0.6%. The percentage of Segment Revenues derived from aftermarket parts and service was 21.7% in the three month period ended June 30, 2024 compared to 20.6% in the same three month period in 2023. Segment Adjusted EBITDA for the three month period ended June 30, 2024 was \$102.5 million, an increase of \$12.5 million, or 13.9%, from \$90.0 million in the same three month period in 2023. Segment Adjusted EBITDA Margin increased 110 basis points to 30.3% from 29.2% in 2023. The increase in Segment Adjusted EBITDA was primarily due to acquisitions of \$9.7 million or 10.8%, higher pricing of \$7.0A million or 7.8%, and lower selling and administrative costs of \$1.2 million or 1.3%, partially offset by lower organic sales volume of \$4.8A million or 5.3% and unfavorable impact of foreign currencies of \$0.5A million or 0.6%. For the Six Month Period Ended June 30, Percent Change 2024/2023 2024 vs. 2023 Segment Orders \$643.0A \$619.6A 3.8A % Segment Revenues \$635.5A \$620.2A 2.5A % Segment Adjusted EBITDA \$193.9A \$184.5A 5.1A % Segment Margin 30.5A % 29.7A % 80A A bps Segment Orders for the six month period ended June 30, 2024 were \$643.0 million, an increase of \$23.4 million, or 3.8%, compared to \$619.6 million in the same six month period in 2023. The increase in Segment Orders was due to acquisitions of \$26.0 million or 4.2%, partially offset by the unfavorable impact of foreign currencies of \$2.0A million or 0.3% and lower organic orders of \$0.6A million or 0.1%. Segment Revenues for the six month period ended June 30, 2024 were \$635.5 million, an increase of \$15.3 million, or 2.5%, compared to \$620.2 million in the same six month period in 2023. The increase in Segment Revenues was due to acquisitions of \$35.9 million or 5.8% and higher pricing of \$16.1 million or 2.6%, partially offset by lower organic volumes of \$35.0 million or 5.6% and unfavorable impact of foreign currencies of \$1.7 million or 0.3%. The percentage of Segment Revenues derived from aftermarket parts and service was 22.9% in the six month period ended June 30, 2024 compared to 21.0% in the same six month period in 2023. Segment Adjusted EBITDA for the six month period ended June 30, 2024 was \$193.9 million, an increase of \$9.4 million, or 5.1%, from \$184.5 million in the same six month period in 2023. Segment Adjusted EBITDA Margin increased 80 basis points to 30.5% from 29.7% in 2023. The increase in Segment Adjusted EBITDA was primarily due to higher pricing of \$16.1 million or 8.7%, acquisitions of \$9.5 million or 5.1%, lower selling and administrative costs of \$0.8 million or 0.4%, and favorable cost productivity and product mix of \$0.2 million or 0.1%, partially offset by lower organic sales volume of \$16.4 million or 8.9% and unfavorable impact of foreign currencies of \$0.8 million or 0.4%. Liquidity and Capital Resources Our investment resources include cash on hand, cash generated from operations and borrowings under our New Revolving Credit Facility. We also have the ability to seek additional secured and unsecured borrowings, subject to credit agreement restrictions. See the description of these line-of-credit resources in Note 11 "Debt" to the consolidated financial statements in our 2023 Annual Report and Note 10 "Debt" to our unaudited condensed consolidated financial statements included elsewhere in this Form 10-Q. As of June 30, 2024, we had \$2,600.0 million of unused availability under the New Revolving Credit Facility. As of June 30, 2024, we were in compliance with all of our debt covenants and no event of default had occurred or was ongoing. 45 Table of Contents Liquidity A substantial portion of our liquidity needs arise from debt service requirements, and from the ongoing cost of operations, working capital and capital expenditures. June 30, 2024 December 31, 2023 Cash and cash equivalents \$1,062.5A \$1,595.5A Short-term borrowings and current maturities of long-term debt \$4.5A \$30.6A Long-term debt \$4,750.9A \$2,693.0A Total debt \$4,755.4A \$2,723.6A We can increase the borrowing availability under the New Revolving Credit Facility by up to \$1,000.0 million in the form of additional commitments so long as we do not exceed a specified leverage ratio. Our liquidity requirements are significant primarily due to debt service requirements. See Note 11 "Debt" to the consolidated financial statements in our 2023 Annual Report and Note 10 "Debt" to our unaudited condensed consolidated financial statements included elsewhere in this Form 10-Q for further details. Our principal sources of liquidity have been existing cash and cash equivalents, cash generated from operations and borrowings under the Senior Notes and Former Senior Secured Credit Facilities. Our principal uses of cash will be to provide working capital, meet debt service requirements, fund capital expenditures, dividend payments, and finance strategic plans, including possible acquisitions. We may also seek to finance capital expenditures under capital leases or other debt arrangements that provide liquidity or favorable borrowing terms. We continue to consider acquisition opportunities, but the size and timing of any future acquisitions and the related potential capital requirements cannot be predicted. In the event that suitable businesses are available for acquisition upon acceptable terms, we may obtain all or a portion of the necessary financing through the incurrence of additional long-term borrowings. As market conditions warrant, we may from time to time, seek to repay loans that we have borrowed, including the borrowings under the Senior Notes. Based on our current level of operations and available cash, we believe our cash flow from operations, together with availability under the New Revolving Credit Facility, will provide sufficient liquidity to fund our current obligations, projected working capital requirements, debt service requirements and capital spending requirements for the foreseeable future. Our business may not generate sufficient cash flows from operations or future borrowings may not be available to us under our New Revolving Credit Facility in an amount sufficient to enable us to pay our indebtedness, or to fund our other liquidity needs. Our ability to do so depends on, among other factors, prevailing economic conditions, many of which are beyond our control. In addition, upon the occurrence of certain events, such as a change in control, we could be required to repay or refinance our indebtedness. We may not be able to refinance any of our indebtedness, including the Senior Notes, on commercially reasonable terms or at all. Any future acquisitions, joint ventures, or other similar transactions may require additional capital and there can be no assurance that any such capital will be available to us on acceptable terms or at all. We may from time to time repurchase shares of our common stock in the open market at prevailing market prices (including through Rule 10b5-1 plans), in privately negotiated transactions, a combination thereof or through other transactions. The actual timing, number, manner and value of any shares repurchased will depend on several factors, including the market price of our stock, general market and economic conditions, our liquidity requirements, applicable legal requirement and other business considerations. A substantial portion of our cash is in jurisdictions outside of the United States. We do not assert ASC 740-30 (formerly APB 23) indefinite reinvestment of our historical non-U.S. earnings or future non-U.S. earnings. The Company records a deferred foreign tax liability to cover all estimated withholding, state income tax and foreign income tax associated with repatriating all non-U.S. earnings back to the United States. Our deferred income tax liability as of June 30, 2024 was \$53.4 million which primarily consisted of withholding taxes. 46 Table of Contents Working Capital June 30, 2024 December 31, 2023 Net Working Capital: Current assets \$3,843.2A \$4,050.4A Less: Current liabilities 1,764.6A 1,827.3A Net working capital \$2,078.6A \$2,223.1A Operating Working Capital: Accounts receivable \$1,301.4A \$1,234.2A Plus: Inventories (excluding LIFO reserve) 1,239.7A 1,073.6A Plus: Contract assets 24.1A 85.6A Less: Accounts payable 748.5A 801.2A Less: Contract liabilities (current) 324.0A 331.2A Operating working capital \$1,592.7A \$1,261.0A Net working capital decreased \$144.5 million to \$2,078.6 million as of June 30, 2024 from \$2,223.1 million as of December 31, 2023. Operating working capital increased \$331.7 million to \$1,592.7 million as of June 30, 2024 from \$1,261.0 million as of December 31, 2023. The increase in operating working capital is due to higher inventories, higher accounts receivable, lower accounts payable, and higher contract assets and lower contract liabilities. The increase in accounts receivable was primarily due to the timing of revenues in the quarter and seasonal changes in collection timing. The increase in inventories was primarily due to acquisitions. The increase in contract assets was primarily due to the timing of revenue recognition and billing on our overtime contracts. The decrease in accounts payable was primarily due to the timing of vendor cash disbursements. The decrease in contract liabilities was primarily due to the timing of customer milestone payments for in-process engineered to order contracts. Cash Flows The following table reflects the major categories of cash flows for the six month periods ended June 30, 2024 and 2023, respectively. For the Six Month Period Ended June 30, 2024/2023 Cash flows provided by operating activities \$466.5A \$398.7A Cash flows used in investing activities (2,834.1) (655.4) Cash flows provided by (used in) financing activities 1,862.0A (165.7) Free cash flow (1) 382.4A 351.5A (1) See the "Non-GAAP Financial Measures" section included in this Quarterly Report for a reconciliation to the nearest GAAP measure. Operating Activities Cash provided by operating activities increased \$67.8 million to \$466.5 million for the six month period ended June 30, 2024 from \$398.7 million in the same six month period in 2023. This increase is primarily attributable to higher net income, the timing of interest payments for our Senior Notes, and a smaller increase in operating working capital, partially offset by an increase in tax payments in 2024, compared to 2023. Investing Activities Cash used in investing activities included capital expenditures of \$84.1 million and \$47.2 million for the six month periods ended June 30, 2024 and 2023, respectively. Net cash paid in acquisitions was \$2,744.0 million and \$615.8 million in the six month periods ended June 30, 2024 and 2023, respectively. 47 Table of Contents Financing Activities Cash provided by financing activities of \$1,862.0 million for the six month period ended June 30, 2024 primarily reflected proceeds from long-term debt of \$3,296.9 million and proceeds from stock option exercises of \$22.7 million, partially offset by repayments of long-term debt of \$1,240.7 million, purchases of treasury stock of \$135.5 million, payments of debt issuance costs of \$32.3 million, payments of \$19.9 million to settle certain cross-currency swaps, cash dividends on common stock of \$16.1 million, and payments of deferred and contingent acquisition consideration of \$12.0 million. Cash used in financing activities of \$165.7 million for the six month period ended June 30, 2023 primarily reflected purchases of treasury stock of \$132.8 million, repayments of long-term debt of \$20.6 million and cash dividends on common stock of \$16.2 million, partially offset by proceeds from stock option exercises of \$15.6 million. Free Cash Flow Free cash flow increased \$30.9 million to \$382.4 million in the six month period ended June 30, 2024 from \$351.5 million in the same six month period in 2023 due to higher cash provided by operating activities, partially offset by higher capital expenditures. Critical Accounting Estimates Management has evaluated the accounting estimates used in the preparation of the Company's condensed consolidated financial statements and related notes and believe those estimates to be reasonable and appropriate. Certain of these accounting estimates require the application of significant judgment by management in selecting appropriate assumptions for calculating financial estimates. By their nature, these judgments are subject to an inherent degree of uncertainty. These judgments are based on historical experience, trends in the industry, information provided by customers and information available from other outside sources, as appropriate. The most significant areas involving management judgments and estimates may be found in the section "Critical Accounting Estimates" of "Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations" and in Note 1 "Summary of Significant Accounting Policies" of "Item 8. Financial Statements and Supplementary Data" included in our 2023 Annual Report. Environmental Matters Information with respect to the effect of compliance with environmental protection requirements and resolution of environmental claims on us and our manufacturing operations is contained in Note 18 "Contingencies" to the condensed consolidated financial statements included elsewhere in this Form 10-Q. A We believe that as of June 30, 2024, there have been no material changes to the environmental matters disclosed in our 2023 Annual Report. Recent Accounting Pronouncements The information set forth in Note 1 "Basis of Presentation and Recent Accounting Pronouncements" to our condensed consolidated financial statements under Part 1, Item 1 "Financial Statements" under the heading "Recently Issued Accounting Pronouncements" is incorporated herein by reference. 48 Table of Contents ITEM 3. A A QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK We manage our debt centrally, considering tax consequences and our overall financing strategies. Our exposure to interest rate risk results primarily from our fixed rate to floating rate swap contracts which are used to adjust the relative fixed rate versus floating rate proportions of our debt portfolio. In addition, we are exposed to foreign currency risks that arise from our global business operations. Changes in foreign currency exchange rates affect the translation of local currency balances of foreign subsidiaries, transaction gains and losses associated with intercompany loans with foreign subsidiaries and transactions denominated in currencies other than a subsidiary's functional currency. While future changes in foreign currency exchange rates are difficult to predict, our revenues and earnings may be adversely affected if the U.S. dollar further strengthens. We seek to minimize our exposure to foreign currency risks through a combination of normal operating activities, including by conducting our international business operations primarily in their functional currencies to match expenses with revenues, and the use of cross currency interest rate swap contracts and foreign currency forward exchange contracts. In addition, to mitigate the risk arising from entering into transactions in currencies other than our functional currencies, we typically settle intercompany trading balances at least quarterly. As of June 30, 2024, there have been no material changes to our market risk assessment previously disclosed in the 2023 Annual Report. ITEM 4. A A CONTROLS AND PROCEDURES Disclosure Controls and Procedures The Company maintains a set of disclosure controls and procedures as that term is defined in Rules 13a-15(e) and 15d-15(e) under the Securities Exchange Act of 1934, as amended (the "Exchange Act"), that are designed to ensure that information required to be disclosed by the Company in reports that it files or submits under the Exchange Act, is recorded, processed, summarized and reported within the time periods specified in Securities and Exchange Commission ("SEC") rules and forms, and that such information is accumulated and communicated to the Company's management, including its Chief Executive Officer and Chief Financial Officer, as appropriate, to allow timely decisions regarding required disclosures. The design of any disclosure controls and procedures is based in part upon certain assumptions about the likelihood of future events, and there can be no assurance that any design will succeed in achieving its stated goals under all potential future conditions. Any controls and procedures, no matter how well designed and operated, can provide only reasonable, not absolute, assurance of achieving the desired control objectives. In accordance with Rule 13a-15(b) of the Exchange Act, as of the end of the period covered by this Quarterly Report on Form 10-Q, an evaluation was carried out under the supervision and with the participation of the Company's management, including its Chief Executive Officer and Chief Financial Officer, of the effectiveness of its disclosure controls and procedures. Based on their evaluation, the Company's Chief Executive Officer and Chief Financial Officer concluded that the Company's disclosure controls and procedures, as of the end of the period covered by this Quarterly Report on Form 10-Q, were effective to provide reasonable assurance that information required to be disclosed by the Company in reports that it files or submits under the Exchange Act is recorded, processed, summarized and reported within the time periods specified in SEC rules and forms and is accumulated and communicated to the Company's management, including the Chief Executive Officer and Chief Financial Officer, as appropriate to allow timely decisions regarding required disclosure. Internal Control over Financial Reporting There have not been any changes in our internal control over financial reporting (as such term is defined in Rule 13a-15(f) under the Exchange Act) during the fiscal quarter to which this report relates that has materially affected, or is reasonably likely to materially affect, our internal control over financial reporting. 49 Table of Contents PART II. A A OTHER INFORMATION ITEM 1. A A LEGAL PROCEEDINGS The information set forth in Note 18 "Contingencies" to our Condensed Consolidated Financial Statements under Part I, Item 1 "Financial Statements," is incorporated herein by reference. ITEM 1A. A A RISK FACTORS As of June 30, 2024, there have been no material changes to our risk factors included in our 2023 Annual Report. ITEM 2. A A UNREGISTERED SALES OF EQUITY SECURITIES AND USE OF PROCEEDS The following table contains detail related to the repurchase of our common stock based on the date of trade during the three month period ended June 30, 2024. 2024 Second Quarter Months Total Number of Shares Purchased (1) Average Price Paid Per Share (2) Total Number of Shares Purchased as Part of Publicly Announced Plans or Programs (3) Maximum Approximate Dollar Value of Shares that May Yet Be Purchased Under the Plans or Programs (3) April 1, 2024 - April 30, 2024 348,109A \$92.11A 347,489A \$1,148,534,060A May 1, 2024 - May 31, 2024 293,101A \$92.46A 293,101A \$1,121,439,950A June 1, 2024 - June 30, 2024 37,724A \$90.33A 37,724A \$1,118,033,028A Total 678,934A 678,314A (1) Includes shares of common stock surrendered to us to satisfy tax withholding obligations in connection with the vesting of certain restricted stock units, comprised of 620 shares in the period from April 1, 2024 to April 30,

2024.2)The average price paid per share includes brokerage commissions.(3)On August 24, 2021, our Board of Directors approved a share repurchase program, which authorized the repurchase of up to \$750.0 million of the Company's outstanding common stock, and on April 25, 2024, the Company announced that our Board of Directors approved an incremental \$1.0 billion increase to the share repurchase authorization. These authorizations do not have any expiration date.ITEM 3.A.A.A DEFAULTS UPON SENIOR SECURITIESNone.ITEM 4.A.A.A MINE SAFETY DISCLOSURESNot applicable.ITEM 5.A.A.A OTHER INFORMATIONRule 10b5-1 Trading ArrangementsDuring the quarter ended June 30, 2024, none of our director or officers (as defined in Rule 16a-1(f) of the Exchange Act) adopted, terminated, or modified a Rule 10b5-1 trading arrangement or non-Rule 10b5-1 trading arrangement (as such terms are defined in Item 408 of Regulation S-K).50Table of ContentsITEM 6.A.A.A EXHIBITSThe following is a list of all exhibits filed or furnished as part of this report. The agreements and other documents filed as exhibits to this report are not intended to provide factual information or other disclosures other than with respect to the terms of the agreements or other documents themselves, and you should not rely on them for that purpose. In particular, any representations and warranties made by us in these agreements or other documents were made solely within the specific context of the relevant agreement or document and may not describe the actual statement of affairs as of the date they were made or at any other time.Exhibit No.Description3.1Restated Certificate of Incorporation of Ingersoll Rand Inc. (incorporated by reference to Exhibit 3.1 to the Registrant's Current Report on Form 8-K filed on June 21, 2021).3.2Third Amended and Restated Bylaws of Ingersoll Rand Inc. (incorporated by reference to Exhibit 3.2 to the Registrant's Quarterly Report on Form 10-Q filed on November 3, 2023).4.1Third Supplemental Indenture, dated as of May 10, 2024, among Ingersoll Rand Inc. and Deutsche Bank Trust Company Americas, as trustee (incorporated by reference to Exhibit 4.1 to the Registrant's Current Report on Form 8-K filed on May 10, 2024).4.2Form of Global Note for 5.197% Senior Notes due 2027 (included in Exhibit 4.1 to the Registrant's Current Report on Form 8-K filed on May 10, 2024).4.3Form of Global Note for 5.176% Senior Notes due 2029 (included in Exhibit 4.1 to the Registrant's Current Report on Form 8-K filed on May 10, 2024).4.4Form of Global Note for 5.314% Senior Notes due 2031 (included in Exhibit 4.1 to the Registrant's Current Report on Form 8-K filed on May 10, 2024).4.5Form of Global Note for 5.450% Senior Notes due 2034 (included in Exhibit 4.1 to the Registrant's Current Report on Form 8-K filed on May 10, 2024).4.6Form of Global Note for 5.700% Senior Notes due 2054 (included in Exhibit 4.1 to the Registrant's Current Report on Form 8-K filed on May 10, 2024).10.1Credit Agreement, dated as of May 10, 2024, by and among Ingersoll Rand Inc., the lenders party thereto and Citibank, N.A., as administrative agent (incorporated by reference to Exhibit 10.1 to the Registrant's Current Report on Form 8-K filed on May 10, 2024).31.1Certification of Periodic Report by Chief Executive Officer under Section 302 of the Sarbanes-Oxley Act of 2002.31.2Certification of Periodic Report by Chief Financial Officer under Section 302 of the Sarbanes-Oxley Act of 2002.31.3Certification of Chief Executive Officer Pursuant to 18 U.S.C. Section 1350 as Adopted Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.31.4Certification of Chief Financial Officer Pursuant to 18 U.S.C. Section 1350 as Adopted Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.101.INSInline XBRL Instance Document "the instance document does not appear in the Interactive Data File because its XBRL tags are embedded within the Inline XBRL document.101.SCHInline XBRL Taxonomy Extension Scheme Document.101.CALine XBRL Taxonomy Extension Calculation Linkbase Document.101.DEFInline XBRL Taxonomy Extension Definition Linkbase Document.101.LABInline XBRL Taxonomy Extension Label Linkbase Document.101.PREInline XBRL Taxonomy Extension Presentation Linkbase Document.104Cover Page Interactive Data File (Embedded within the Inline XBRL document and included in Exhibit 101).51Table of ContentsSIGNATURESPursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.Date: August 2, 2024INGERSOLL RAND INC.By:/s/ Michael J. ScheskeName: Michael J. ScheskeVice President and Chief Accounting Officer(Principal Accounting Officer)52 EX-31.1 2 ir2024q210-qex311.htm EX-31.1 DocumentExhibit 31.1CERTIFICATION OF PERIODIC REPORT UNDER SECTION 302 OF THE SARBANES-OXLEY ACT OF 2002I, Vicente Reynal, certify that:1.I have reviewed this quarterly report on Form 10-Q for the quarterly period ended June 30, 2024 of Ingersoll Rand Inc.;2.Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;3.Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;4.The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:a)Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;b)Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;c)Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; andd)Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and5.The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):a)All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; andb)Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.Date: August 2, 2024/s/ Vicente ReynalVicente ReynalChairman of the Board and Chief Executive Officer(Principal Executive Officer) EX-31.2 3 ir2024q210-qex312.htm EX-31.2 DocumentExhibit 31.2CERTIFICATION OF PERIODIC REPORT UNDER SECTION 302 OF THE SARBANES-OXLEY ACT OF 2002I, Vikram U. Kini, certify that:1.I have reviewed this quarterly report on Form 10-Q for the quarterly period ended June 30, 2024 of Ingersoll Rand Inc.;2.Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;3.Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;4.The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:a)Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;b)Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;c)Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; andd)Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and5.The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):a)All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; andb)Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.Date: August 2, 2024/s/ Vikram U. KiniVikram U. KiniSenior Vice President and Chief Financial Officer(Principal Financial Officer) EX-32.1 4 ir2024q210-qex321.htm EX-32.1 DocumentExhibit 32.1CERTIFICATION PURSUANT TO 18 U.S.C. SECTION 1350AS ADOPTED PURSUANT TO SECTION 906OF THE SARBANES-OXLEY ACT OF 2002In connection with the Quarterly Report of Ingersoll Rand Inc. (the "Company") on Form 10-Q for the quarterly period ended June 30, 2024 filed with the Securities and Exchange Commission on the date hereof (the "Report"), I, Vicente Reynal, Chief Executive Officer and Director of the Company, do hereby certify, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that:1.The Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934; and2.The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company for the periods presented therein.Date: August 2, 2024/s/ Vicente ReynalVicente ReynalChairman of the Board and Chief Executive Officer(Principal Executive Officer) EX-32.2 5 ir2024q210-qex322.htm EX-32.2 DocumentExhibit 32.2CERTIFICATION PURSUANT TO 18 U.S.C. SECTION 1350 AS ADOPTED PURSUANT TO SECTION 906OF THE SARBANES-OXLEY ACT OF 2002In connection with the Quarterly Report of Ingersoll Rand Inc. (the "Company") on Form 10-Q for the quarterly period ended June 30, 2024 filed with the Securities and Exchange Commission on the date hereof (the "Report"), I, Vikram U. Kini, Vice President and Chief Financial Officer of the Company, do hereby certify, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that:1.The Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934; and2.The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company for the periods presented therein.Date: August 2, 2024/s/ Vikram U. KiniVikram U. KiniSenior Vice President and Chief Financial Officer(Principal Financial Officer) EX-101.SCH 6 ir-20240630.xsd XBRL TAXONOMY EXTENSION SCHEMA DOCUMENT 0000001 - Document - Cover link:presentationLink link:calculationLink link:definitionLink link:definitionLink 9952151 - Statement - CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS link:presentationLink link:calculationLink link:definitionLink link:definitionLink 9952152 - Statement - CONDENSED CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME (LOSS) link:presentationLink link:calculationLink link:definitionLink link:definitionLink 9952152 - Statement - CONDENSED CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME (LOSS) link:presentationLink link:calculationLink link:definitionLink link:definitionLink 9952153 - Statement - CONDENSED CONSOLIDATED BALANCE SHEETS link:presentationLink link:calculationLink link:definitionLink link:calculationLink link:definitionLink 9952154 - Statement - CONDENSED CONSOLIDATED BALANCE SHEETS (Parenthetical) link:presentationLink link:calculationLink link:definitionLink link:definitionLink 9952155 - Statement - CONDENSED CONSOLIDATED STATEMENTS OF STOCKHOLDERS' EQUITY link:presentationLink link:calculationLink link:definitionLink link:definitionLink 9952156 - Statement - CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS link:presentationLink link:calculationLink link:calculationLink link:definitionLink link:definitionLink 9952157 - Disclosure - Basis of Presentation and Recent Accounting Pronouncements link:presentationLink link:calculationLink link:definitionLink link:definitionLink 9952158 - Disclosure - Acquisitions link:presentationLink link:calculationLink link:definitionLink link:definitionLink 9952159 - Disclosure - Restructuring link:presentationLink link:calculationLink link:definitionLink link:definitionLink 9952160 - Disclosure - Allowance for Credit Losses link:presentationLink link:calculationLink link:definitionLink link:definitionLink 9952161 - Disclosure - Inventories link:presentationLink link:calculationLink link:definitionLink link:definitionLink 9952162 - Disclosure - Goodwill and Other Intangible Assets link:presentationLink link:calculationLink link:definitionLink link:definitionLink 9952163 - Disclosure - Supply Chain Finance Program link:presentationLink link:calculationLink link:definitionLink link:definitionLink 9952164 - Disclosure - Accrued Liabilities link:presentationLink link:calculationLink link:definitionLink link:definitionLink 9952165 - Disclosure - Benefit Plans link:presentationLink link:calculationLink link:definitionLink link:definitionLink 9952166 - Disclosure - Debt link:presentationLink link:calculationLink link:definitionLink link:definitionLink 9952167 - Disclosure - Stock-Based Compensation Plans link:presentationLink link:calculationLink link:definitionLink link:definitionLink 9952168 - Disclosure - Accumulated Other Comprehensive Loss link:presentationLink link:calculationLink link:definitionLink link:definitionLink 9952169 - Disclosure - Hedging Activities and Derivative Instruments link:presentationLink link:calculationLink link:definitionLink link:definitionLink 9952170 - Disclosure - Fair Value Measurements link:presentationLink link:calculationLink link:definitionLink link:definitionLink 9952171 - Disclosure - Revenue from Contracts with Customers link:presentationLink link:calculationLink link:definitionLink link:definitionLink 9952172 - Disclosure - Income Taxes link:presentationLink link:calculationLink link:definitionLink link:definitionLink 9952173 - Disclosure - Other Operating Expense, Net link:presentationLink link:calculationLink link:definitionLink link:definitionLink 9952174 - Disclosure - Contingencies link:presentationLink link:calculationLink link:definitionLink link:definitionLink 9952175 - Disclosure - Segment Results link:presentationLink link:calculationLink link:definitionLink link:definitionLink 9952176 - Disclosure - Earnings Per Share link:presentationLink link:calculationLink link:definitionLink link:definitionLink 9954471 - Disclosure - Basis of Presentation and Recent Accounting Pronouncements (Policies) link:presentationLink link:calculationLink link:definitionLink link:definitionLink 9954472 - Disclosure - Acquisitions (Tables) link:presentationLink link:calculationLink link:definitionLink link:definitionLink 9954473 - Disclosure - Restructuring (Tables) link:presentationLink link:calculationLink link:definitionLink link:definitionLink 9954474 - Disclosure - Allowance for Credit Losses (Tables) link:presentationLink link:calculationLink link:definitionLink link:definitionLink 9954475 - Disclosure - Inventories (Tables) link:presentationLink link:calculationLink link:definitionLink link:definitionLink 9954476 - Disclosure - Goodwill and Other Intangible Assets (Tables) link:presentationLink link:calculationLink link:definitionLink link:definitionLink 9954477 - Disclosure - Accrued Liabilities (Tables) link:presentationLink link:calculationLink link:definitionLink link:definitionLink 9954478 - Disclosure - Benefit Plans (Tables) link:presentationLink link:calculationLink link:definitionLink link:definitionLink 9954479 - Disclosure - Debt (Tables) link:presentationLink link:calculationLink link:definitionLink link:definitionLink 9954480 - 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Disclosure - Contingencies (Tables) link:presentationLink link:calculationLink link:definitionLink link:definitionLink 9954488 - Disclosure - Segment Results (Tables) link:presentationLink link:calculationLink link:definitionLink link:definitionLink 9954489 - Disclosure - Earnings Per Share (Tables) link:presentationLink link:calculationLink link:definitionLink link:definitionLink 9954490 - Disclosure - Basis of Presentation and Recent Accounting Pronouncements (Details) link:presentationLink link:calculationLink link:definitionLink link:definitionLink 9954491 - Disclosure - Acquisitions - Narrative (Details) link:presentationLink link:calculationLink link:definitionLink link:definitionLink 9954492 - Disclosure - Acquisitions - Schedule of Business Acquisitions by Acquisition, Consideration (Details) link:presentationLink link:calculationLink link:definitionLink link:definitionLink 9954493 - Disclosure - Restructuring - Schedule of Restructuring Charges (Details) link:presentationLink link:calculationLink link:definitionLink link:definitionLink 9954494 - Disclosure - Restructuring - Schedule of Activity in Restructuring Programs (Details) link:presentationLink link:calculationLink link:definitionLink link:definitionLink 9954495 - Disclosure - Allowance for Credit Losses (Details) link:presentationLink link:calculationLink link:definitionLink link:definitionLink 9954496 - Disclosure - Inventories (Details) link:presentationLink link:calculationLink link:definitionLink link:definitionLink 9954497 - Disclosure - Goodwill and Other Intangible Assets - Schedule of Goodwill by Segment (Details) link:presentationLink link:calculationLink link:definitionLink link:definitionLink 9954498 - Disclosure - Goodwill and Other Intangible Assets - Narrative (Details) link:presentationLink link:calculationLink link:definitionLink link:definitionLink 9954499 - Disclosure - Goodwill and Other Intangible Assets - Schedule of Other Intangible Assets (Details) link:presentationLink link:calculationLink link:definitionLink link:definitionLink 9954499 - Disclosure - Goodwill and Other Intangible Assets - Schedule of Other Intangible Assets (Details) link:presentationLink link:calculationLink link:definitionLink link:definitionLink 9954500 - Disclosure - Supply Chain Finance Program (Details) link:presentationLink link:calculationLink link:definitionLink link:definitionLink 9954501 - Disclosure - Accrued Liabilities - Schedule of Accrued Liabilities (Details) link:presentationLink link:calculationLink link:definitionLink link:definitionLink 9954502 - Disclosure - Accrued Liabilities - Schedule of Product Warranty Liability (Details) link:presentationLink link:calculationLink link:definitionLink link:definitionLink 9954503 - Disclosure - Benefit Plans (Details) link:presentationLink link:calculationLink link:definitionLink link:definitionLink 9954504 - Disclosure - Debt - Schedule of Debt (Details) link:presentationLink link:calculationLink link:definitionLink link:definitionLink 9954504 - Disclosure - Debt - Schedule of Debt (Details) link:presentationLink link:calculationLink link:definitionLink link:definitionLink 9954505 - Disclosure - Debt - Narrative (Details) link:presentationLink link:calculationLink link:definitionLink link:definitionLink 9954506 - Disclosure - Stock-Based Compensation Plans - Narrative (Details) link:presentationLink link:calculationLink link:definitionLink link:definitionLink 9954507 -

Comprehensive Income [Abstract] Net cash used in investing activities Net Cash Provided by (Used in) Investing Activities Business Acquisition [Line Items] Business Acquisition [Line Items] All Adjustments to Compensation All Adjustments to Compensation [Member] Salaries, wages and related fringe benefits Employee-related Liabilities, Current Air Systems, LLC Air Systems, LLC [Member] Air Systems, LLC Restructuring charges Restructuring charges, net Restructuring Charges Reclassification Adjustment out of Accumulated Other Comprehensive Income [Line Items] Reclassification Adjustment out of Accumulated Other Comprehensive Income [Line Items] Accumulated Other Comprehensive Income (Loss) [Line Items] Accumulated Other Comprehensive Income (Loss) [Line Items] Commitments and Contingencies Disclosure [Abstract] Commitments and Contingencies Disclosure [Abstract] Legal Entity [Axis] Legal Entity [Axis] Carrying amount of hedged debt Hedged Liability, Fair Value Hedge Remaining performance obligation, expected timing of satisfaction Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction, Period Cash Flow Hedges Accumulated Gain (Loss), Net, Cash Flow Hedge, Parent [Member] Share-based Compensation Arrangement by Share-based Payment Award, Fair Value Assumptions and Methodology [Abstract] Share-Based Compensation Arrangement by Share-Based Payment Award, Fair Value Assumptions and Methodology [Abstract] Long-term Debt, Type [Domain] Long-Term Debt, Type [Domain] Entity Address, State or Province Entity Address, State or Province Derivative Instruments and Hedging Activities Disclosure [Abstract] Derivative Instruments and Hedging Activities Disclosure [Abstract] Erroneous Compensation Analysis Erroneous Compensation Analysis [Text Block] Debt [Abstract] Long-Term Debt and Lease Obligation, Including Current Maturities [Abstract] Defined Benefit Plan Disclosure [Line Items] Defined Benefit Plan Disclosure [Line Items] Gain Contingency, Nature [Domain] Gain Contingency, Nature [Domain] Liabilities divested: Disposal Group, Including Discontinued Operation, Liabilities [Abstract] Disposal Group, Including Discontinued Operation, Liabilities Cap interest rate of derivative (as percent) Derivative, Cap Interest Rate Balance at beginning of period (in usd per share) Balance at end of period (in usd per share) Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Nonvested, Weighted Average Grant Date Fair Value Liabilities and Stockholders' Equity Liabilities and Equity [Abstract] Schedule of Net Periodic Benefit Cost Schedule of Net Benefit Costs [Table Text Block] Loss on Asbestos Sale, before transaction costs Discontinued Operation, Gain (Loss) On Disposal Of Discontinued Operation, Before Transaction Costs And Income Tax Rostatement Determination Date Rostatement Determination Date Vested (in shares) Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Vested and Expected to Vest, Outstanding, Number Pay vs Performance Disclosure Pay vs Performance Disclosure [Table] Balance at beginning of period (in usd per share) Balance at end of period (in usd per share) Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Outstanding, Weighted Average Exercise Price Erroneously Awarded Compensation Recovery Erroneously Awarded Compensation Recovery [Table] Balance at beginning of period (in shares) Balance at end of period (in shares) Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Outstanding, Number Other noncurrent liabilities Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Noncurrent Liabilities, Other Swap valuation adjustments Derivative Liability, Valuation Adjustment Derivative Liability, Valuation Adjustment Earnings Per Share Earnings Per Share [Text Block] Depreciation of rental equipment Depreciation Of Rental Equipment Expenses incurred related to the rental equipment from outside third parties that are used in the entity's business operations or depleting assets to periods that benefit from use of the assets. Gain (loss) recognized in OCI on derivatives Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), before Reclassification, after Tax Granted (in usd per share) Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Grants in Period, Weighted Average Grant Date Fair Value Peer Group Issuers, Footnote Peer Group Issuers, Footnote [Text Block] Segments [Domain] Segments [Domain] Restructuring Plan [Axis] Restructuring Plan [Axis] PEO PEO [Member] Name Trading Arrangement, Individual Name Schedule of Performance Share Units Fair Value Assumptions Schedule of Share-based Payment Award, Equity Instruments other than Options, Valuation Assumptions [Table Text Block] Schedule of Share-based Payment Award, Equity Instruments other than Options, Valuation Assumptions Fair Values Derivatives, Balance Sheet Location, by Derivative Contract Type [Table] Fair Values Derivatives, Balance Sheet Location, by Derivative Contract Type [Table] Original equipment Original Equipment [Member] Tangible personal property used to produce goods and services. Disposal Group Name [Axis] Disposal Group Name [Axis] Treasury stock at cost:Â 26,595,683Â andÂ 25,241,667Â shares as of JuneÂ 30, 2024 and DecemberÂ 31, 2023, respectively Treasury Stock, Common, Value Income (loss) on equity method investments Loss (income) on equity method investments Income (Loss) from Equity Method Investments Currency translation adjustment and other Restructuring Reserve, Translation and Other Adjustment Income Before Income Taxes Pre tax loss amount Income (Loss) from Continuing Operations before Equity Method Investments, Income Taxes, Noncontrolling Interest Cumulative hedging adjustments, included in carrying amount Hedged Liability, Fair Value Hedge, Cumulative Increase (Decrease) Awards Close in Time to MNPI Disclosures, Table Awards Close in Time to MNPI Disclosures [Table Text Block] Prior Year End Fair Value of Equity Awards Granted in Any Prior Year that Fail to Meet Applicable Vesting Conditions During Covered Year Prior Year End Fair Value of Equity Awards Granted in Any Prior Year that Fail to Meet Applicable Vesting Conditions During Covered Year [Member] Retirement Plan Sponsor Location [Domain] Retirement Plan Sponsor Location [Domain] Aggregate Erroneous Compensation Amount Aggregate Erroneous Compensation Amount Local Phone Number Local Phone Number Gross Carrying Amount Intangible Assets, Gross (Excluding Goodwill) Aggregate Erroneous Compensation Not Yet Determined Aggregate Erroneous Compensation Not Yet Determined [Text Block] Facility reorganization, relocation and other costs Facility Reorganization, Relocation And Other Costs Amount of expenses related to facility reorganization and relocation and other costs. Corporate expenses not allocated to segments Operating Expenses Americas Americas [Member] Acquisitions In 2023 Acquisitions In 2023 [Member] Acquisitions In 2023 InTelCo InTelCo [Member] InTelCo Changes in assets and liabilities: Increase (Decrease) in Operating Capital [Abstract] Foreign currency translation adjustments, net Other Comprehensive Income (Loss), Foreign Currency Translation Adjustment, Tax, Portion Attributable to Parent PEO Total Compensation Amount PEO Total Compensation Amount Fair Value, Liabilities Measured on Recurring Basis, Unobservable Input Reconciliation, Calculation [Roll Forward] Fair Value, Liabilities Measured on Recurring Basis, Unobservable Input Reconciliation, Calculation [Roll Forward] Liabilities fair value Derivative Liability, Subject to Master Netting Arrangement, before Offset Other comprehensive loss Other Comprehensive Income (Loss), before Tax, Portion Attributable to Parent Accrued interest Interest Payable, Current Income Statement Location [Axis] Statement of Income Location, Balance [Axis] Vested (in usd per share) Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Vested and Expected to Vest, Outstanding, Weighted Average Exercise Price Debt Disclosure [Abstract] Debt Disclosure [Abstract] Common Stock Common Stock [Member] Forgone Recovery due to Expense of Enforcement, Amount Forgone Recovery due to Expense of Enforcement, Amount Other current assets Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Current Assets, Other Schedule of Business Acquisitions, by Acquisition [Table] Schedule of Business Acquisitions, by Acquisition [Table] Schedule of Reconciliation of Contingent Consideration Fair Value, Liabilities Measured on Recurring Basis, Unobservable Input Reconciliation [Table Text Block] Debt Instrument, Redemption, Period One Debt Instrument, Redemption, Period One [Member] Segment Reporting [Abstract] Segment Reporting [Abstract] Entity Central Index Key Entity Central Index Key Schedule of Inventories Schedule of Inventory, Current [Table Text Block] Foreign Currency Translation Adjustments, Net Accumulated Foreign Currency Adjustment Attributable to Parent [Member] Charged to expense - other Other Restructuring Costs Non-PEO NEO Average Compensation Actually Paid Amount Non-PEO NEO Average Compensation Actually Paid Amount Award Timing, How MNPI Considered Award Timing, How MNPI Considered [Text Block] Segment Results Segment Reporting Disclosure [Text Block] Cross Currency Interest Rate Contract, Expiring May 2029 Cross Currency Interest Rate Contract, Expiring May 2029 [Member] Cross Currency Interest Rate Contract, Expiring May 2029 Changes in fair value Fair Value, Measurement with Unobservable Inputs Reconciliation, Recurring Basis, Liability, Gain (Loss) Included in Earnings Intangible Assets, Net (Excluding Goodwill) [Abstract] Intangible Assets, Net (Excluding Goodwill) [Abstract] Title Trading Arrangement, Individual Title Change in units based on performance (in shares) Share Based Compensation Arrangement by Share Based Payment Award Equity Instruments Other Than Options Based On Performance In Period Comprehensive income attributable to noncontrolling interests Comprehensive Income (Loss), Net of Tax, Attributable to Noncontrolling Interest City Area Code City Area Code Current liabilities: Liabilities, Current [Abstract] Contingent consideration Business Combination, Contingent Consideration, Liability Paragon Tank Truck Equipment Paragon Tank Truck Equipment [Member] Paragon Tank Truck Equipment Disposal Group Classification [Domain] Disposal Group Classification [Domain] Insider Trading Policies and Procedures Not Adopted Insider Trading Policies and Procedures Not Adopted [Text Block] Asbestos and Silica Related Litigation Asbestos And Silica Related Litigation [Member] The Company has been named as a defendant in a number of asbestos-related and silica-related personal injury lawsuits. The plaintiffs in these suits allege exposure to asbestos or silica from multiple sources. Purchases of treasury stock Payments for Repurchase of Common Stock Debt instrument, extension options Debt Instrument, Extension Options Debt Instrument, Extension Options Schedule of Segment Reporting Information, by Segment [Table] Schedule of Segment Reporting Information, by Segment [Table] Weighted-Average Grant-Date Fair Value Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Nonvested, Weighted Average Grant Date Fair Value [Abstract] Restructuring Reserve [Roll Forward] Restructuring Reserve [Roll Forward] Basis of Presentation and Recent Accounting Pronouncements Organization, Consolidation and Presentation of Financial Statements Disclosure and Significant Accounting Policies [Text Block] Earnings Per Share [Abstract] Earnings Per Share [Abstract] Retained earnings Retained Earnings (Accumulated Deficit) Schedule of Reclassification out of Accumulated Other Comprehensive Loss Reclassification out of Accumulated Other Comprehensive Income [Table Text Block] Foreign currency translation and other Goodwill, Translation and Measurement Period Adjustments Inventories Increase (Decrease) in Inventories Schedule of Debt Schedule of Debt [Table Text Block] Aggregate Available Trading Arrangement, Securities Aggregate Available Amount Equity Awards Adjustments Equity Awards Adjustments [Member] Debt instrument, extension term Debt Instrument, Extension Term Debt Instrument, Extension Term Underlying Securities Award Underlying Securities Amount Performance Share Units Performance Shares [Member] Amendment Flag Amendment Flag Accounts receivable Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Current Assets, Receivables Stock Appreciation Rights (SARs) Stock Appreciation Rights (SARs) [Member] Other comprehensive income (loss) before reclassifications Other Comprehensive Income (Loss), before Reclassifications, Net of Tax Unamortized debt issuance costs Debt Issuance Costs, Net Debt Debt Disclosure [Text Block] Fair Value Hierarchy and NAV [Domain] Fair Value Hierarchy and NAV [Domain] Recovery of Erroneously Awarded Compensation Disclosure [Line Items] Aggregate principal amount Debt Instrument, Face Amount Technology Technology-Based Intangible Assets [Member] Payments Fair Value, Measurement with Unobservable Inputs Reconciliation, Recurring Basis, Liability, Settlements Entity Address, Postal Zip Code Entity Address, Postal Zip Code Interest rate swap contracts Interest Rate Swap [Member] Cash and cash equivalents Cash and Cash Equivalents, at Carrying Value EcoPlant Technological Innovation Ltd EcoPlant Technological Innovation Ltd [Member] EcoPlant Technological Innovation Ltd Other investing Payments for (Proceeds from) Other Investing Activities Year-over-Year Change in Fair Value of Equity Awards Granted in Prior Years That are Outstanding and Unvested Year-over-Year Change in Fair Value of Equity Awards Granted in Prior Years That are Outstanding and Unvested [Member] Interest rate swaps Interest Rate Swaps, Asset, Fair Value Disclosure Interest Rate Swaps, Asset, Fair Value Disclosure Forfeited (in usd per share) Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Forfeitures, Weighted Average Grant Date Fair Value Raw materials, including parts and subassemblies Inventory, Raw Materials, Gross Loss on extinguishment of debt Gain (Loss) on Extinguishment of Debt Year-end Fair Value of Equity Awards Granted in Covered Year that are Outstanding and Unvested Year-end Fair Value of Equity Awards Granted in Covered Year that are Outstanding and Unvested [Member] Delticus Holdings LLC Delticus Holdings LLC [Member] Delticus Holdings LLC Stock Option Awards shares Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Outstanding [Roll Forward] Accounts payable Increase (Decrease) in Accounts Payable Adjustment To PEO Compensation, Footnote Adjustment To PEO Compensation, Footnote [Text Block] Property, plant and equipment, net of accumulated depreciation of \$535.0A and \$500.8, respectively Property, Plant, and Equipment and Finance Lease Right-of-Use Asset, after Accumulated Depreciation and Amortization 5.70% Senior Notes due 2033 5.700% Senior Notes Due 2033 [Member] 5.700% Senior Notes Due 2033 Derivatives Designated as Hedging Instruments Designated as Hedging Instrument [Member] Compensation Actually Paid vs. Other Measure Compensation Actually Paid vs. Other Measure [Text Block] Vesting Date Fair Value of Equity Awards Granted and Vested in Covered Year Vesting Date Fair Value of Equity Awards Granted and Vested in Covered Year [Member] Average shares outstanding Weighted Average Number of Shares Outstanding, Diluted [Abstract] Total assets Assets Cross Currency Interest Rate Contract, Expiring May 2027 Cross Currency Interest Rate Contract, Expiring May 2027 [Member] Cross Currency Interest Rate Contract, Expiring May 2027 [Member] Cross Currency Interest Rate Contract, Expiring May 2027 Non-cash adjustments to carrying value of LIFO inventories Adjustments to LIFO inventories Inventory, LIFO Reserve, Effect on Income, Net Other liabilities Other Liabilities, Noncurrent Movement in Standard Product Warranty Accrual [Roll Forward] Movement in Standard Product Warranty Accrual [Roll Forward] Forgone Recovery due to Violation of Home Country Law, Amount Forgone Recovery due to Violation of Home Country Law, Amount Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction [Line Items] Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction [Line Items] Derivative Instruments and Hedging Activities Disclosures [Table] Derivative Instruments and Hedging Activities Disclosures [Table] Commitments and contingencies (Note 18) Commitments and Contingencies Schedule of Provision for Income Taxes and Effective Income Tax Rate Schedule of Effective Income Tax Rate Reconciliation [Table Text Block] Termination Date Trading Arrangement Termination Date Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Derivatives Not Designated as Hedging Instruments Not Designated as Hedging Instrument [Member] Schedule of Recognized Identified Assets Acquired and Liabilities Assumed Schedule of Recognized Identified Assets Acquired and Liabilities Assumed [Table Text Block] Debt Instrument [Axis] Debt Instrument [Axis] Segment Reporting [Abstract] Segment Reporting Information, Income (Loss) before Income Taxes [Abstract] Net Income Attributable to Ingersoll Rand Inc. Net income attributable to Ingersoll Rand Inc. Net Income (Loss) Attributable to Parent Other operating expense, net Total other operating expense, net Other Operating Income (Expense), Net Trading Arrangement: Trading Arrangement [Axis] Acquisitions Fair Value, Measurement with Unobservable Inputs Reconciliation, Recurring Basis, Liability, Acquisitions Fair Value, Measurement with Unobservable Inputs Reconciliation, Recurring Basis, Liability, Acquisitions Pay vs Performance Disclosure, Table Pay vs Performance [Table Text Block] Equity Awards Adjustments, Excluding Value Reported in Compensation Table Equity Awards Adjustments, Excluding Value Reported in the Compensation Table [Member] Entity File Number Entity File Number 5.197% Senior Notes Due 2027 5.197% Senior Notes Due 2027 [Member] 5.197% Senior Notes Due 2027 Noncontrolling Interests Noncontrolling Interest [Member] Income Statement [Abstract] Income Statement [Abstract] Entity Address, Address Line One Entity Address, Address Line One Entity Address, Address Line Two Entity Address, Address Line Two Unamortized intangible assets Indefinite-Lived Intangible Assets (Excluding Goodwill) [Abstract] ILC Dover ILC Dover [Member] ILC Dover Effect of exchange rate changes on cash and cash equivalents Effect of Exchange Rate on Cash, Cash Equivalents, Restricted Cash, and Restricted Cash Equivalents, Continuing Operations Dividends declared Dividends, Common Stock Restructuring Plan [Domain] Restructuring Plan [Domain] Name Forgone Recovery, Individual Name Unrecognized gains (losses) on cash flow hedges Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), after Reclassification, before Tax, Parent Other non-cash adjustments Other Noncash Income (Expense) Award Timing MNPI Considered Award Timing MNPI Considered [Flag] Debt instrument, covenant, adjusted consolidated total net debt to consolidated adjusted ebitda ratio, maximum Debt Instrument, Covenant, Adjusted Consolidated Total Net Debt To Consolidated Adjusted EBITDA Ratio, Maximum Debt Instrument, Covenant, Adjusted Consolidated Total Net Debt To Consolidated Adjusted EBITDA Ratio, Maximum Asbestos Portfolio Sale Asbestos Portfolio Sale [Member] Asbestos Portfolio Sale Contract assets Contract with Customer, Asset, after Allowance for Credit Loss Timing of Transfer of Good or Service [Domain] Timing of Transfer of Good or Service [Domain] Schedule of Performance Stock Unit Activity Share-Based Payment Arrangement, Performance Shares, Activity [Table Text Block] Inventory Disclosure [Abstract] Inventory Disclosure [Abstract] Outstanding Aggregate Erroneous Compensation Amount Outstanding Aggregate Erroneous Compensation Amount PEO Actually Paid Compensation Amount PEO Actually Paid Compensation Amount Discontinued Operations, Disposed of by Sale Discontinued Operations, Disposed of by Sale [Member] Cost of sales Cost of Revenue Adjustment to Compensation: Adjustment to Compensation [Axis] Cross Currency Interest Rate Contract, 3.2% Fixed Rate Cross Currency Interest Rate Contract, 3.2% Fixed Rate [Member] Cross Currency Interest Rate Contract, 3.2% Fixed Rate Less: Net income attributable to noncontrolling interests Net income attributable to noncontrolling interests Net Income (Loss) Attributable to Noncontrolling Interest Document Quarterly Report Document Quarterly Report Litigation Case [Domain] Litigation Case [Domain] Pension and other postretirement prior service cost and gain (loss), net Pension and other postretirement benefit prior service cost and gain or loss, net Other Comprehensive Income (Income) Loss, Defined Benefit Plan, after Tax and Reclassification Adjustment, Attributable to Parent Accumulated other comprehensive loss Accumulated Other Comprehensive Income (Loss), Net of Tax Pension Adjustments Service Cost Pension Adjustments Service Cost [Member] Weighted-average shares outstanding - Basic

(in shares) Weighted Average Number of Shares Outstanding, Basic Deferred compensation plans Deferred Compensation Plan Liability Fair Value Disclosure Fair value hierarchy as of the balance sheet date of liabilities held in relation to the deferred compensation plan. Stock Price or TSR Estimation Method Stock Price or TSR Estimation Method [Text Block] Total stockholders' equity Balance at beginning of period Balance at end of period Equity, Including Portion Attributable to Noncontrolling Interest Property, plant and equipment Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Property, Plant, and Equipment Name Awards Close in Time to MNPI Disclosures, Individual Name Forfeited (in shares) Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Forfeitures in Period Number of businesses acquired Number of Businesses Acquired Entity Filer Category Entity Filer Category Remaining performance obligation Revenue, Remaining Performance Obligation, Amount Loss Contingencies [Line Items] Loss Contingencies [Line Items] Restructuring Restructuring Reserve, Current Acquisitions Goodwill, Acquired During Period Statistical Measurement [Domain] Statistical Measurement [Domain] Work-in-process Inventory, Work in Process, Gross Derivatives, Fair Value [Line Items] Derivatives, Fair Value [Line Items] Cross-currency interest rate swaps Cross-currency Interest Rate Swaps, Asset, Fair Value Disclosure Cross-currency Interest Rate Swaps, Asset, Fair Value Disclosure Segment Reporting Information [Line Items] Segment Reporting Information [Line Items] All Trading Arrangements All Trading Arrangements [Member] Compensation Actually Paid vs. Net Income Compensation Actually Paid vs. Net Income [Text Block] Schedule of Basic and Diluted Earnings Per Share Schedule of Earnings Per Share, Basic and Diluted [Table Text Block] Award vesting/performance period (in years) Share-Based Compensation Arrangement by Share-Based Payment Award, Award Vesting Period Rule 10b5-1 Arrangement Adopted Rule 10b5-1 Arrangement Adopted [Flag] Awards Close in Time to MNPI Disclosures Awards Close in Time to MNPI Disclosures [Table] Cash paid for income taxes, net of refunds Income Taxes Paid, Net Pay vs Performance Disclosure [Line Items] Peer Group Total Shareholder Return Amount Peer Group Total Shareholder Return Amount Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction, Start Date [Axis] Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction, Start Date [Axis] Del Pumps Del PD Pumps & Gear Pvt Ltd. [Member] Del PD Pumps & Gear Pvt Ltd. Restructuring and Related Activities [Abstract] Restructuring and Related Activities [Abstract] Other assets and liabilities, net increase (Decrease) in Other Operating Assets and Liabilities, Net Other Performance Measure, Amount Other Performance Measure, Amount Pre tax loss Loss on Asbestos Sale Discontinued Operation, Gain (Loss) from Disposal of Discontinued Operation, before Income Tax Unrecognized net actuarial loss Defined Benefit Plan, Actuarial Gain (Loss), Immediate Recognition as Component in Net Periodic Benefit (Cost) Credit Goodwill [Line Items] Goodwill [Line Items] Balance at beginning of period (in shares) Balance at end of period (in shares) Common Stock, Shares, Outstanding Issuance of treasury stock for stock-based compensation plans Treasury Stock Issued During Period Value Share Based Compensation Amount of issuance value of treasury stock for share based compensation. Acquired warranty Standard Product Warranty Accrual, Additions from Business Acquisition Cash Flow Cash Flow Hedging [Member] Contract liabilities Contract liabilities - current Contract with Customer, Liability, Current Service cost Defined Benefit Plan, Service Cost Entity Tax Identification Number Entity Tax Identification Number Schedule of Finite-Lived Intangible Assets [Table] Intangible Asset, Finite-Lived [Table] Retirement Plan Type [Axis] Retirement Plan Type [Axis] Allowance for Credit Losses Loans, Notes, Trade and Other Receivables Disclosure [Text Block] Transaction costs Discontinued Operation, Transaction Cost Effect Of Gain (Loss) From Disposal Of Discontinued Operation Discontinued Operation, Transaction Cost Effect Of Gain (Loss) From Disposal Of Discontinued Operation Debt Instrument, Redemption, Period Two Debt Instrument, Redemption, Period Two [Member] Treasury Stock Treasury Stock, Common [Member] Taxes Taxes Payable, Current Schedule of Derivative Instruments Schedule of Derivative Instruments [Table Text Block] Equity Components [Axis] Equity Components [Axis] Other current assets Other Assets, Current Tradenames Trade Names [Member] Business Acquisition, Acquiree [Domain] Business Acquisition, Acquiree [Domain] Asbestos indemnity liability - noncurrent Disposal Group, Including Discontinued Operation, Self Insurance Reserve, Noncurrent Disposal Group, Including Discontinued Operation, Self Insurance Reserve, Noncurrent Loss after tax Loss on Asbestos Sale, net of tax Discontinued Operation, Gain (Loss) on Disposal of Discontinued Operation, Net of Tax Geographical [Axis] Geographical [Axis] Schedule of Activity in Restructuring Programs Restructuring and Related Costs [Table Text Block] Loss on asbestos sale Gain (Loss) on Disposition of Business Foreign currency translation adjustments, net Other Comprehensive Income (Loss), Foreign Currency Transaction and Translation Adjustment, before Tax, Portion Attributable to Parent EMEA EMEA [Member] Aggregate Grant Date Fair Value of Equity Award Amounts Reported in Summary Compensation Table Aggregate Grant Date Fair Value of Equity Award Amounts Reported in Summary Compensation Table [Member] Contingent consideration, current Business Combination, Contingent Consideration, Liability, Current Fair Value Other Liabilities Other Liabilities [Member] Foreign currency forwards Foreign Currency Contract, Asset, Fair Value Disclosure Other assets Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Other Noncurrent Assets Payments Payments for Restructuring Backlog Order or Production Backlog [Member] Other Operating Expense, Net Other Operating Income and Expense [Text Block] Cash and cash equivalents, beginning of period Cash and cash equivalents, end of period Cash, Cash Equivalents, Restricted Cash, and Restricted Cash Equivalents Weighted-average interest rate of debt instrument (as percent) Debt, Weighted Average Interest Rate Unrecognized compensation expense Share-Based Payment Arrangement, Nonvested Award, Cost Not yet Recognized, Amount Current assets: Assets, Current [Abstract] Volume-weighted average closing (in days) Share-Based Compensation Arrangement by Share-Based Payment Award, Closing Price Period Share-Based Compensation Arrangement by Share-Based Payment Award, Closing Price Period Consolidation Items [Axis] Consolidation Items [Axis] Indefinite-lived Intangible Assets, Major Class Name [Domain] Indefinite-Lived Intangible Assets, Major Class Name [Domain] Treasury stock (in shares) Treasury Stock, Common, Shares Forgone Recovery due to Disqualification of Tax Benefits, Amount Forgone Recovery due to Disqualification of Tax Benefits, Amount Product and Service [Domain] Product and Service [Domain] Schedule of Net Investment Hedges in Accumulated Other Comprehensive Income (Loss) Schedule of Net Investment Hedges in Accumulated Other Comprehensive Income (Loss) [Table Text Block] Vested (in usd per share) Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Vested in Period, Weighted Average Grant Date Fair Value Goodwill [Roll Forward] Goodwill [Roll Forward] Fair Value Disclosures [Abstract] Net investment hedges Accumulated Gain (Loss), Net Investment Hedges, Parent [Member] Accumulated Gain (Loss), Net Investment Hedges, Parent Settlements Standard Product Warranty Accrual, Decrease for Payments CAPS Complete Air And Power Solutions [Member] Complete Air And Power Solutions Security Exchange Name Security Exchange Name Basis spread on variable rate (as a percent) Debt Instrument, Basis Spread on Variable Rate Reclassification out of Accumulated Other Comprehensive Loss Reclassification out of Accumulated Other Comprehensive Income [Member] Exercised or settled (in usd per share) Share-Based Compensation Arrangements by Share-Based Payment Award, Options, Exercises in Period, Weighted Average Exercise Price Total other comprehensive income (loss), net of tax Other comprehensive income (loss), net of tax, attributable to noncontrolling interest Other Comprehensive Income (Loss), Net of Tax, Portion Attributable to Noncontrolling Interest Restricted Stock Unit Awards Shares Performance Share Unit Awards Shares Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Nonvested, Number of Shares [Roll Forward] Short-term borrowings Short-Term Debt Foreign currency forwards Foreign Currency Contracts, Liability, Fair Value Disclosure Forgone Recovery, Explanation of Impracticability Forgone Recovery, Explanation of Impracticability [Text Block] Goodwill and Intangible Assets Disclosure [Abstract] Goodwill and Intangible Assets Disclosure [Abstract] Other comprehensive loss Other Comprehensive Income (Loss), Tax, Portion Attributable to Parent Common stock issued (in shares) Common Stock, Shares, Issued Fair Value Other Assets Other Assets [Member] Entity [Domain] Entity [Domain] Line of credit facility, maximum borrowing capacity Line of Credit Facility, Maximum Borrowing Capacity Tax Benefit (Expense) Other Comprehensive Income (Loss), Tax, Portion Attributable to Parent, Parenthetical Disclosure [Abstract] Insider Trading Policies and Procedures Adopted Insider Trading Policies and Procedures Adopted [Flag] Common stock authorized (in shares) Common Stock, Shares Authorized Net cash paid in acquisitions Payments to Acquire Businesses, Net of Cash Acquired Other comprehensive loss, net of tax: Net of Tax Amount Other Comprehensive Income (Loss), Net of Tax, Portion Attributable to Parent [Abstract] Non-cash restructuring charges Restructuring Costs Long-term Debt, Type [Axis] Long-Term Debt, Type [Axis] Accrued Liabilities [Abstract] Accounts Payable and Accrued Liabilities, Current [Abstract] Balance Sheet Location [Axis] Statement of Financial Position Location, Balance [Axis] Hedging Designation [Domain] Hedging Designation [Domain] Interest expense Interest expense Interest Expense, Nonoperating Payments of deferred and contingent acquisition consideration Payment for Contingent Consideration Liability, Financing Activities Gain on settlement Defined Benefit Plan, Net Periodic Benefit Cost (Credit), Gain (Loss) Due to Settlement Write-offs, net of recoveries Accounts Receivable, Allowance for Credit Loss, Writeoff Short-term borrowings and current maturities of long-term debt Debt, Current Total other comprehensive loss, net of tax Other Comprehensive Income (Loss), Net of Tax, Portion Attributable to Parent Recurring Fair Value, Recurring [Member] Accounts receivable, net of allowance for credit losses of \$56.9A and \$53.8, respectively Accounts receivable, net Accounts Receivable, after Allowance for Credit Loss, Current Granted (in shares) Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Grants in Period, Gross Outstanding borrowings Long-Term Debt Pension Adjustments Prior Service Cost Pension Adjustments Prior Service Cost [Member] Pension Benefits Adjustments, Footnote Pension Benefits Adjustments, Footnote [Text Block] Total Shareholder Return Vs Peer Group Total Shareholder Return Vs Peer Group [Text Block] Vested (in shares) Vested (in shares) Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Vested in Period 5.176% Senior Notes Due 2029 5.176% Senior Notes Due 2029 [Member] 5.176% Senior Notes Due 2029 Total Ingersoll Rand Inc. Stockholders' Equity Parent [Member] Risk-free interest rate (as percent) Share-Based Compensation Arrangement by Share-Based Payment Award, Fair Value Assumptions, Risk Free Interest Rate Carrying amount Indefinite-Lived Intangible Assets (Excluding Goodwill) Amortization of intangible assets Amortization of intangible assets Amortization of Intangible Assets Unamortized discounts Debt Instrument, Unamortized Discount Ethafilter s.r.l. Ethafilter s.r.l. [Member] Ethafilter s.r.l. Acquisitions Business Combination Disclosure [Text Block] Current Fiscal Year End Date Current Fiscal Year End Date Non-cash charges Restructuring Reserve Non Cash Write Offs Restructuring Reserve Non Cash Write Offs PEO Name PEO Name Other adjustments Segment Reporting, Other Adjustments Includes (i) foreign exchange gains and losses, (ii) effects of amortization of prior service costs and amortization of gains in pension and other postretirement benefits (OPEB) expense, (iii) certain legal and compliance costs and (iv) other miscellaneous adjustments. Long-term debt: Long-Term Debt, Current and Noncurrent [Abstract] Award Type [Domain] Award Type [Domain] Issuance of common stock for stock-based compensation plans (in shares) Shares Issued, Shares, Share-Based Payment Arrangement, after Forfeiture Compensation Actually Paid vs. Company Selected Measure Compensation Actually Paid vs. Company Selected Measure [Text Block] Revenue recognized over time Transferred over Time [Member] Pensions and other postretirement benefits Liability, Defined Benefit Plan, Noncurrent Deferred tax assets Deferred Income Tax Assets, Net Non-PEO NEO Non-PEO NEO [Member] Change in units based on performance (in usd per share) Share Based Compensation Arrangement by Share Based Payment Award Equity Instruments Other Than Options Performance Based Change In Period Weighted Average Grant Date Fair Value Share Based Compensation Arrangement by Share Based Payment Award Equity Instruments Other Than Options Based On Performance In Period Weighted Average Grant Date Fair Value Capital in Excess of Par Value Additional Paid-in Capital [Member] Hedging Relationship [Axis] Hedging Relationship [Axis] Schedule of Accounts, Notes, Loans and Financing Receivable Schedule of Accounts, Notes, Loans and Financing Receivable [Table Text Block] Cybersecurity incident costs Cybersecurity Incident Costs Cybersecurity Incident Costs Benefit Plans Retirement Benefits [Text Block] Deferred tax liabilities Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Deferred Tax Liabilities Schedule of Other Intangible Assets Schedule of Intangible Assets [Table Text Block] Tabular disclosure of assets, excluding financial assets and goodwill, lacking physical substance that exist in perpetuity and with a finite life, by either major class or business segment. Recently Issued Accounting Pronouncements New Accounting Pronouncements, Policy [Policy Text Block] Finite-Lived Intangible Assets by Major Class [Axis] Finite-Lived Intangible Assets by Major Class [Axis] Accumulated Amortization Finite-Lived Intangible Assets, Accumulated Amortization Name Measure Name Entity Interactive Data Current Entity Interactive Data Current All Others Series of Individually Immaterial Business Acquisitions [Member] Operating Activities [Axis] Operating Activities [Axis] Acquisitions In 2024 Acquisitions In 2024 [Member] Acquisitions In 2024 Schedule of Fair Value, Assets and Liabilities Measured on Recurring Basis Schedule of Fair Value, Assets and Liabilities Measured on Recurring Basis [Table Text Block] Disaggregation of Revenue [Table] Disaggregation of Revenue [Table] Restructuring Restructuring and Related Activities Disclosure [Text Block] Stock-based compensation expense Stock-based compensation Share-Based Payment Arrangement, Noncash Expense Pension and Other Postretirement Benefit Plans Accumulated Defined Benefit Plans Adjustment Attributable to Parent [Member] Interest rate swaps Interest Rate Swaps Liability Fair Value Disclosure Fair value hierarchy as of the balance sheet date of liabilities held in relation to the interest rate swap. Stated interest rate of debt instrument (as percent) Debt Instrument, Interest Rate, Stated Percentage Corporate Corporate expenses not allocated to segments Segment Reporting, Reconciling Item, Corporate Nonsegment [Member] Accounts Receivable, Allowance for Credit Loss [Roll Forward] Accounts Receivable, Allowance for Credit Loss [Roll Forward] Supplemental Cash Flow Information Supplemental Cash Flow Information [Abstract] Pension and other postretirement benefit prior service cost and gain or loss, net Other Comprehensive Income (Loss), Defined Benefit Plan, after Reclassification Adjustment, Tax, Attributable to Parent Reclassification out of Accumulated Other Comprehensive Income [Domain] Reclassification out of Accumulated Other Comprehensive Income [Domain] Number of derivatives held Derivative, Number of Instruments Held Effective income tax provision rate (as percent) Effective Income Tax Rate Reconciliation, Percent Payments to settle cross-currency swaps Payments to settle cross-currency swaps Payments for Hedge, Financing Activities Operating Income Operating Income (Loss) Variable Rate [Domain] Variable Rate [Domain] Number of reportable segments Number of Reportable Segments Total liabilities and stockholders' equity Liabilities and Equity Rule 10b5-1 Arrangement Terminated Rule 10b5-1 Arrangement Terminated [Flag] Fair Value Hierarchy and NAV [Axis] Fair Value Hierarchy and NAV [Axis] Hedging Designation [Axis] Hedging Designation [Axis] Hedging Activities and Derivative Instruments Derivative Instruments and Hedging Activities Disclosure [Text Block] Number of subsidiaries that hold asbestos liabilities and assets Number Of Subsidiaries That Hold Asbestos Liabilities And Assets Number Of Subsidiaries That Hold Asbestos Liabilities And Assets Number Of Subsidiaries That Hold Asbestos Liabilities And Assets Current maturities of long-term debt Long-Term Debt and Lease Obligation, Current Finite-Lived Intangible Assets, Major Class Name [Domain] Finite-Lived Intangible Assets, Major Class Name [Domain] Underlying Security Market Price Change Underlying Security Market Price Change, Percent Expected return on plan assets Defined Benefit Plan, Expected Return (Loss) on Plan Assets Ingersoll Rand Ingersoll Rand [Member] Refers to the entity in which the Company entered into a Merger Agreement. Individual [Axis] Foreign Currency Derivative Instruments Not Designated as Hedging Instruments at Fair Value, Net [Abstract] Foreign Currency Derivative Instruments Not Designated as Hedging Instruments at Fair Value, Net [Abstract] Accumulated Other Comprehensive Loss Accumulated Other Comprehensive Income (Loss) AOCI Attributable to Parent [Member] Forfeited (in usd per share) Share-Based Compensation Arrangements by Share-Based Payment Award, Options, Forfeitures in Period, Weighted Average Exercise Price Expected life of options (in years) Expected term (in years) Share-Based Compensation Arrangement by Share-Based Payment Award, Fair Value Assumptions, Expected Term Inventories Inventories Inventory, Net Schedule of Gains (Losses) on Derivative Instruments Not Designated as Accounting Hedges and Total Net Foreign Currency Losses Schedule of Foreign Exchange Contracts, Statement of Financial Position [Table Text Block] Product and Service [Axis] Product and Service [Axis] Statement [Line Items] Statement [Line Items] Compensation Actually Paid vs. Total Shareholder Return Compensation Actually Paid vs. Total Shareholder Return [Text Block] Purchase consideration Business Combination, Consideration Transferred Term of derivative contract (in years) Derivative, Term of Contract Balance at beginning of the period Balance at end of the period Fair Value, Measurement with Unobservable Inputs Reconciliation, Recurring Basis, Liability Value Asia Pacific Asia Pacific [Member] Fixed interest rate of derivative (as percent) Derivative, Fixed Interest Rate Minimum Minimum [Member] Adoption Date Trading Arrangement Adoption Date Contract liabilities - noncurrent Contract with Customer, Liability, Noncurrent Other Operating Expense, Net Other Operating Income (Expense) [Member] Provision charged to expense Accounts Receivable, Credit Loss Expense (Reversal) Segments [Axis] Segments [Axis] Change in Fair Value as of Vesting Date of Prior Year Equity Awards Vested in Covered Year Change in Fair Value as of Vesting Date of Prior Year Equity Awards Vested in Covered Year [Member] Derivative Instrument [Axis] Derivative Instrument [Axis] Long-term debt, gross Long-Term Debt, Gross Exercise Price Award Exercise Price Foreign currency forwards Foreign Currency Forward Two [Member] Foreign currency forward traded on an exchange (examples include but are not limited to the International Securities Exchange, Philadelphia Stock Exchange, or the Chicago Mercantile Exchange) for options or future contracts to buy or sell a certain currency, at a specified date, at a fixed exercise exchange rate. Arrangement Duration Trading Arrangement Duration Schedule of Before Tax Income (Loss) and Related Income Tax Effect Comprehensive Income (Loss) [Table Text Block] Schedule of Cash Flow Hedges included in Accumulated Other Comprehensive Income (Loss) Schedule of Cash Flow Hedges Included in Accumulated Other Comprehensive Income (Loss) [Table Text Block] Goodwill and Other Intangible Assets Goodwill and Intangible Assets Disclosure [Text Block] Product warranty accruals Standard Product Warranty Accrual, Increase for Warranties Issued Income tax benefit Income tax benefit Discontinued Operation, Tax Effect of Gain (Loss) from Disposal of Discontinued Operation Material Terms of Trading Arrangement Material Terms of Trading Arrangement [Text Block] All Individuals All Individuals [Member] Cross Currency Interest Rate Contract, 5.7%

Fixed Rate Two Cross Currency Interest Rate Contract, 5.7% Fixed Rate Two [Member] Cross Currency Interest Rate Contract, 5.7% Fixed Rate Two Variable Rate [Axis] Variable Rate [Axis] Income Tax Disclosure [Abstract] Income Tax Disclosure [Abstract] Fair value of debt Debt Instrument, Fair Value Disclosure Other income, net Other Nonoperating Income (Expense) Other Postretirement Benefits Other Postretirement Benefits Plan [Member] Statement of Stockholders' Equity [Abstract] Statement of Stockholders' Equity [Abstract] Other intangible assets, net Net Carrying Amount Intangible Assets, Net (Excluding Goodwill) Receivables [Abstract] Business Combination, Asset Acquisition, and Joint Venture Formation [Abstract] Assets divested: Disposal Group, Including Discontinued Operation, Assets [Abstract] Disposal Group, Including Discontinued Operation, Assets Financial Assets Assets, Fair Value Disclosure [Abstract] Restructuring Program 2020 Restructuring Programs 2020 [Member] Restructuring programs from 2020 to 2024 that include industrial technologies and services, and specialty vehicles technology programs. Restructuring Cost and Reserve [Line Items] Restructuring Cost and Reserve [Line Items] Cross-currency interest rate swaps Cross-currency Interest Rate Swaps, Liability, Fair Value Disclosure Cross-currency Interest Rate Swaps, Liability, Fair Value Disclosure Total foreign currency transaction gains, net Gain (Loss) on Foreign Currency Derivative Instruments Not Designated as Hedging Instruments Contract with Customer, Contract Asset, Contract Liability, and Receivable [Abstract] Contract with Customer, Contract Asset, Contract Liability, and Receivable [Abstract] Liability Class [Axis] Liability Class [Axis] Deferred income tax liabilities Deferred Income Tax Liabilities, Net Assumed volatility (as percent) Share-Based Compensation Arrangement by Share-Based Payment Award, Fair Value Assumptions, Expected Volatility Rate Risk-free interest rate, maximum (as percent) Share-Based Compensation Arrangement by Share-Based Payment Award, Fair Value Assumptions, Risk Free Interest Rate, Maximum Precision and Science Technologies Precision and Science Technologies Segment [Member] In the Precision and Science Technologies segment, the Company designs, manufactures and markets a broad range of highly specialized gas, fluid management systems, liquid and precision syringe pumps and compressors primarily for use in the medical, laboratory and biotechnology end markets. Schedule of Restricted Stock Unit Activity Share-Based Payment Arrangement, Restricted Stock Unit, Activity [Table Text Block] Retirement Plan Sponsor Location [Axis] Retirement Plan Sponsor Location [Axis] Stock-based compensation APIC, Share-Based Payment Arrangement, Option, Increase for Cost Recognition Segment Adjusted EBITDA Adjusted EBITDA Earnings before interest, tax, depreciation and amortization (EBITDA) is a supplemental measure of the Company's operating performance. Adjusted EBITDA represents net (loss) income before interest, taxes, depreciation and amortization, as further adjusted to exclude certain non-cash, non-recurring and other adjustment items. Finance leases and other long-term debt Finance Lease, Liability And Other Long-Term Debt Finance Lease, Liability And Other Long-Term Debt Schedule of Accrued Liabilities Schedule of Accrued Liabilities [Table Text Block] Contingencies Commitments and Contingencies Disclosure [Text Block] Trading securities held in deferred compensation plan Trading Securities Held In Deferred Compensation Plan Fair Value Disclosure Fair value hierarchy as of the balance sheet date of assets held in relation to trading securities held in deferred compensation plan. Measure: Measure [Axis] 5.314% Senior Notes Due 2031 5.314% Senior Notes Due 2031 [Member] 5.314% Senior Notes Due 2031 Unrecognized gains (losses) on cash flow hedges Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), after Reclassification, Tax, Parent Issuance of common stock for stock-based compensation plans Shares Issued, Value, Share-Based Payment Arrangement, after Forfeiture Gain reclassified from AOCI into income (effective portion) Other Comprehensive Income (Loss), Net Investment Hedge, Gain (Loss), Reclassification, before Tax Entity Emerging Growth Company Entity Emerging Growth Company Indefinite-lived Intangible Assets [Axis] Indefinite-Lived Intangible Assets [Axis] Total Liabilities, Fair Value Disclosure 5.400% Senior Notes due 2028 5.400% Senior Notes Due 2028 [Member] 5.400% Senior Notes Due 2028 Non-GAAP Measure Description Non-GAAP Measure Description [Text Block] Total recognized in other comprehensive (loss) income Defined Benefit Plan, Net Periodic Benefit Cost (Credit) Excluding Gain (Loss) Due to Settlement Defined Benefit Plan, Net Periodic Benefit Cost (Credit) Excluding Gain (Loss) Due to Settlement Assumed volatility, minimum (as a percent) Share-Based Compensation Arrangement by Share-Based Payment Award, Fair Value Assumptions, Expected Volatility Rate, Minimum Aftermarket Aftermarket [Member] Aftermarket (merchandise), any market where customers who buy one product or service are likely to buy a related, follow-on product. Equity Component [Domain] Equity Component [Domain] Additional 402(v) Disclosure [Text Block] Ownership interest Limited Liability Company (LLC) or Limited Partnership (LP), Managing Member or General Partner, Ownership Interest Amounts reclassified from accumulated other comprehensive loss Reclassification from Accumulated Other Comprehensive Income, Current Period, Net of Tax Entity Shell Company Entity Shell Company Entity Incorporation, State or Country Code Entity Incorporation, State or Country Code Statement [Table] Statement [Table] Other Americas Other Americas [Member] Continents of North and South America excluding United States. Measurement Frequency [Domain] Measurement Frequency [Domain] Consolidation Items [Domain] Consolidation Items [Domain] Insurance Settlement Insurance Settlement [Member] Foreign currency translation and other Accounts Receivable, Allowance for Credit Loss, Foreign Currency Translation and Other Accounts Receivable, Allowance for Credit Loss, Foreign Currency Translation and Other Cash paid for interest, net of interest rate derivative settlements Interest Paid, Excluding Capitalized Interest, Operating Activities Capital expenditures Payments to Acquire Productive Assets Level 1 Fair Value, Inputs, Level 1 [Member] Foreign currency translation adjustments, net Other Comprehensive Income (Loss), Foreign Currency Transaction and Translation Adjustment, Net of Tax Total current assets Assets, Current Statement of Cash Flows [Abstract] Statement of Cash Flows [Abstract] Senior Notes Senior Notes [Member] Accrued liabilities Increase (Decrease) in Accrued Liabilities Revenue from acquisition date Business Combination, Pro Forma Information, Revenue of Acquiree since Acquisition Date, Actual Schedule of Long-term Debt Instruments [Table] Schedule of Long-Term Debt Instruments [Table] Friulair Friulair S.r.l. [Member] Friulair S.r.l. Unrecognized gains (losses) on cash flow hedges Interest Rate Cash Flow Hedge Gain (Loss) to be Reclassified During Next 12 Months, Net Other intangible assets Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Intangible Assets, Other than Goodwill Accumulated Other Comprehensive Income (Loss) [Table] Accumulated Other Comprehensive Income (Loss) [Table] Other Other Intangible Assets [Member] Income Taxes Income Tax Disclosure [Text Block] Accumulated Other Comprehensive Income (Loss), Net of Tax [Abstract] Accumulated Other Comprehensive Income (Loss), Net of Tax [Abstract] Domestic Plan Domestic Plan [Member] Cross Currency Interest Rate Contract, 5.4% Fixed Rate Cross Currency Interest Rate Contract, 5.4% Fixed Rate [Member] Cross Currency Interest Rate Contract, 5.4% Fixed Rate Organization, Consolidation and Presentation of Financial Statements [Abstract] Organization, Consolidation and Presentation of Financial Statements [Abstract] Net cash provided by (used in) financing activities Net Cash Provided by (Used in) Financing Activities Acquisition and other transaction related expenses Acquisition And Other Transaction Related Expenses Acquisition And Other Transaction Related Expenses Credit Facility [Axis] Credit Facility [Axis] Entity Registrant Name Entity Registrant Name Cash consideration for acquisition Payments to Acquire Businesses, Gross Revenue recognized at point in time Transferred at Point in Time [Member] Adjustment to Non-PEO NEO Compensation Footnote Adjustment to Non-PEO NEO Compensation Footnote [Text Block] Depreciation and amortization expense Depreciation, Depletion and Amortization Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction [Table] Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction [Table] Timing of Transfer of Good or Service [Axis] Timing of Transfer of Good or Service [Axis] Gross Profit Gross Profit Reclassification out of Accumulated Other Comprehensive Income [Axis] Reclassification out of Accumulated Other Comprehensive Income [Axis] Foreign currency translation adjustments, net Other Comprehensive Income (Loss), Foreign Currency Transaction and Translation Adjustment, Net of Tax, Portion Attributable to Parent Schedule of Product Warranty Liability Schedule of Product Warranty Liability [Table Text Block] Fair Value as of Grant Date Award Grant Date Fair Value Level 2 Fair Value, Inputs, Level 2 [Member] Stockholders' equity Equity, Including Portion Attributable to Noncontrolling Interest [Abstract] Geographical [Domain] Geographical [Domain] Customer lists and relationships Customer-Related Intangible Assets [Member] Schedule of Disaggregation of Revenue by Segment Disaggregation of Revenue [Table Text Block] Schedule of Restructuring and Related Costs [Table] Restructuring Cost [Table] Restatement Determination Date: Restatement Determination Date [Axis] Title of 12(b) Security Title of 12(b) Security Common stock, \$0.01Å par value;Å 1,000,000,000 shares authorized; Å 430,371,281Å and 428,589,061 shares issued as of JuneÅ 30, 2024 and DecemberÅ 31, 2023, respectively Common Stock, Value, Issued Insurance recovery receivable Insurance Settlements Receivable, Noncurrent Share-based Payment Arrangement [Abstract] Share-Based Payment Arrangement [Abstract] New Revolving Credit Facility New Revolving Credit Facility [Member] New Revolving Credit Facility Acquisition and other transaction related expenses and non-cash charges Acquisition Related Expenses And Non-cash Charges Represents costs associated with successful and/or abandoned acquisitions, including third-party expenses, post-closure integration costs and non-cash charges and credits arising from fair value purchase accounting adjustments. Finite-Lived Intangible Assets [Line Items] Finite-Lived Intangible Assets [Line Items] Derivative Instruments and Hedging Activities Disclosures [Line Items] Derivative Instruments and Hedging Activities Disclosures [Line Items] Fair Value by Liability Class [Domain] Fair Value by Liability Class [Domain] Cash Flows From (Used In) Financing Activities: Net Cash Provided by (Used in) Financing Activities [Abstract] Schedule of Other Operating Expense, Net Schedule of Other Operating Cost and Expense, by Component [Table Text Block] Operating lease, liability, current, statement of financial position Operating Lease, Liability, Current, Statement of Financial Position [Extensible Enumeration] Finished goods Inventory, Finished Goods, Gross Basic earnings per share (in usd per share) Earnings Per Share, Basic Award Timing MNPI Disclosure Award Timing MNPI Disclosure [Text Block] Award expiration period (in years) Share-Based Compensation Arrangement by Share-Based Payment Award, Expiration Period Total current liabilities Business Combination, Recognized Identifiable Assets Acquired and Liabilities Assumed, Current Liabilities Ownership [Domain] Ownership [Domain] Aggregate Pension Adjustments Service Cost Aggregate Pension Adjustments Service Cost [Member] Schedule of Goodwill [Table] Goodwill [Table] Amortized intangible assets Finite-Lived Intangible Assets, Net [Abstract] Total current liabilities Liabilities, Current Supply Chain Finance Program Supplier Finance Program [Text Block] Granted (in shares) Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Grants in Period Contingent consideration Contingent Consideration, Fair Value Disclosure Contingent Consideration, Fair Value Disclosure Less items to reconcile Segment Adjusted EBITDA to Income Before Income Taxes: Reconciliation of Operating Profit (Loss) from Segments to Consolidated [Abstract] Risk-free interest rate, minimum (as percent) Share-Based Compensation Arrangement by Share-Based Payment Award, Fair Value Assumptions, Risk Free Interest Rate, Minimum Assumed volatility, maximum (as a percent) Share-Based Compensation Arrangement by Share-Based Payment Award, Fair Value Assumptions, Expected Volatility Rate, Maximum Operating Activities [Domain] Operating Activities [Domain] Stock-based Compensation Plans Share-Based Payment Arrangement [Text Block] Entity Address, City or Town Entity Address, City or Town Proceeds from long-term debt Proceeds from Issuance of Long-Term Debt Schedule of Stock Option Activity Share-Based Payment Arrangement, Option, Activity [Table Text Block] Share-based payment arrangement, expense Share-Based Payment Arrangement, Expense Granted (in usd per share) Share-Based Compensation Arrangements by Share-Based Payment Award, Options, Grants in Period, Weighted Average Exercise Price Accumulated Other Comprehensive Loss Comprehensive Income (Loss) Note [Text Block] Foreign currency translation Fair Value, Measurement with Unobservable Inputs Reconciliation, Recurring Basis, Liability, Foreign Currency Translation And Other Fair Value, Measurement with Unobservable Inputs Reconciliation, Recurring Basis, Liability, Foreign Currency Translation And Other Forfeited (in shares) Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Forfeited in Period Loss Contingencies [Table] Loss Contingencies [Table] Business Acquisition [Axis] Business Acquisition [Axis] Dividends or Other Earnings Paid on Equity Awards not Otherwise Reflected in Total Compensation for Covered Year Dividends or Other Earnings Paid on Equity Awards not Otherwise Reflected in Total Compensation for Covered Year [Member] Financial Liabilities Liabilities, Fair Value Disclosure [Abstract] Revenue from Contracts with Customers Revenue from Contract with Customer [Text Block] Document Fiscal Year Focus Document Fiscal Year Focus Purchases of treasury stock Treasury Stock, Value, Acquired, Cost Method Debt Instrument, Name [Domain] Debt Instrument, Name [Domain] Recognition of: Defined Benefit Plan, Recognition of Unrecognized Expense [Abstract] Charged to expense - termination benefits Severance Costs Total Assets, Fair Value Disclosure Other Other Accrued Liabilities, Current Document Period End Date Document Period End Date Interest income on cash and cash equivalents Interest Income On Cash And Cash Equivalents Interest Income On Cash And Cash Equivalents Cross Currency Interest Rate Contract, Expiring May 2031 Cross Currency Interest Rate Contract, Expiring May 2031 [Member] Cross Currency Interest Rate Contract, Expiring May 2031 Cross-currency interest rate swap contracts Cross Currency Interest Rate Contract [Member] Balance at beginning of period (in shares) Balance at end of period (in shares) Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Nonvested, Number Expired (in shares) Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Expirations in Period Insider Trading Arrangements [Line Items] Onyx TopCo LLC Onyx TopCo LLC [Member] Onyx TopCo LLC Segment Reconciling Items Segment Reporting, Reconciling Item, Excluding Corporate Nonsegment [Member] Fair Value Other Current Assets Other Current Assets [Member] Document Transition Report Document Transition Report Depreciation Cost, Depreciation Fair Value, Recurring and Nonrecurring [Table] Fair Value, Recurring and Nonrecurring [Table] Comprehensive Income Attributable to Noncontrolling Interests Comprehensive Income (Loss), Net of Tax, Attributable to Noncontrolling Interest [Abstract] Entity Current Reporting Status Entity Current Reporting Status Air Treatment SPX FLOWÅc's Air Treatment [Member] SPX FLOWÅc's Air Treatment Retained Earnings Retained Earnings [Member] Undiscounted accrued liabilities for environmental loss contingencies Accrual for Environmental Loss Contingencies, Gross Restricted Stock Units Restricted Stock Units (RSUs) [Member] Contingent Consideration Contingent Consideration [Member] Contingent Consideration Increase (Decrease) in Stockholders' Equity [Roll Forward] Increase (Decrease) in Stockholders' Equity [Roll Forward] Executive Category: Executive Category [Axis] Restructuring and related business transformation costs Total restructuring and related business transformation costs Restructuring And Related Business Transformation Costs Amount of expenses related to restructuring and related business transformation costs. Balance at beginning of period Balance at end of period Restructuring Reserve Income Statement Location [Domain] Statement of Income Location, Balance [Domain] Letter of Credit Letter of Credit [Member] Unrecognized gain (loss) on cash flow hedges Unrecognized gains (losses) on cash flow hedges Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), after Reclassification and Tax, Parent Company Selected Measure Name Company Selected Measure Name EX-101.PRE 10 iri-20240630_pre.xml XBRL TAXONOMY EXTENSION PRESENTATION LINKBASE DOCUMENT XML 12 R1.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Cover - shares 6 Months Ended Jun. 30, 2024 Jul. 26, 2024 Cover [Abstract] Å Å Document Type 10-Q Å Document Quarterly Report true Å Document Period End Date Jun. 30, 2024 Å Document Transition Report false Å Entity File Number 001-38095 Å Entity Registrant Name Ingersoll Rand Inc. Å Entity Incorporation, State or Country Code DE Å Entity Tax Identification Number 46-2393770 Å Entity Address, Address Line One 525 Harbour Place Drive Å Entity Address, Address Line Two Suite 600 Å Entity Address, City or Town Davidson Å Entity Address, State or Province NC Å Entity Address, Postal Zip Code 28036 Å City Area Code 704 Å Local Phone Number 655-4000 Å Title of 12(b) Security Common Stock, \$0.01 Par Value per share Å Trading Symbol IR Å Security Exchange Name NYSE Å Entity Current Reporting Status Yes Å Entity Interactive Data Current Yes Å Entity Filer Category Large Accelerated Filer Å Entity Emerging Growth Company false Å Entity Small Business false Å Entity Shell Company false Å Entity Common Stock, Shares Outstanding Å 403,484,175 Entity Central Index Key 0001699150 Å Current Fiscal Year End Date -12-31 Å Amendment Flag false Å Document Fiscal Year Focus 2024 Å Document Fiscal Period Focus Q2 Å X - DefinitionBoolean flag that is true when the XBRL content amends previously-filed or accepted submission. + ReferencesNo definition available. + Details Name: dei_AmendmentFlag Namespace Prefix: dei_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - DefinitionArea code of city + ReferencesNo definition available. + Details Name: dei_CityAreaCode Namespace Prefix: dei_ Data Type: xbrli:normalizedStringItem Type Balance Type: na Period Type: duration X - DefinitionCover page. + ReferencesNo definition available. + Details Name: dei_CoverAbstract Namespace Prefix: dei_ Data Type: xbrli:stringItem Type Balance Type: na Period Type: duration X - DefinitionEnd date of current fiscal year in the format --MM-DD. + ReferencesNo definition available. + Details Name: dei_CurrentFiscalYearEndDate Namespace Prefix: dei_ Data Type: xbrli:gMonthDayItemType Balance Type: na Period Type: duration X - DefinitionFiscal period values are FY, Q1, Q2, and Q3. 1st, 2nd and 3rd quarter 10-Q or 10-QT statements have value Q1, Q2, and Q3 respectively, with 10-K, 10-KT or other fiscal year statements having FY. + ReferencesNo definition available. + Details Name: dei_DocumentFiscalPeriodFocus Namespace Prefix: dei_ Data Type: dei:fiscalPeriodItemType Balance Type: na Period Type: duration X - DefinitionThis is focus fiscal year of the document report in YYYY format. For a 2006 annual report, which may also provide financial information from prior periods, fiscal 2006 should be given as the fiscal year focus. Example: 2006. + ReferencesNo definition available. + Details Name: dei_DocumentFiscalYearFocus Namespace Prefix: dei_ Data Type: xbrli:gYearItemType Balance Type: na Period Type: duration X - DefinitionFor the EDGAR submission types of Form 8-K: the date of the report, the date of the earliest event reported; for the EDGAR submission types of Form N-1A: the filing date; for all other submission types: the end of the reporting or transition period. The format of the date is YYYY-MM-DD. + ReferencesNo definition available. + Details Name: dei_DocumentPeriodEndDate Namespace Prefix: dei_ Data Type: xbrli:dateItemType Balance Type: na Period Type: duration X - DefinitionBoolean flag that is true only for a form used as a quarterly report. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef - Publisher SEC -Name Form 10-Q -Number 240 -Section 308 -Subsection a + Details Name: dei_DocumentQuarterlyReport Namespace Prefix:

dei_Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - Definition Boolean flag that is true only for a form used as a transition report. + ReferencesReference 1:

URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 35: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 36: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-1AReference 37: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (c)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-1A + Details Name: us-gaap_ProfitLoss Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount, excluding tax collected from customer, of revenue from satisfaction of performance obligation by transferring promised good or service to customer. Tax collected from customer is tax assessed by governmental authority that is both imposed on and concurrent with specific revenue-producing transaction, including, but not limited to, sales, use, value added and excise. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 41 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-41Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 4: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 5: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 924 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (SAB Topic 11.L) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479941/924-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-5Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 42 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-42Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-40Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-4 + Details Name: us-gaap_RevenueFromContractWithCustomerExcludingAssessedTax Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe aggregate total costs related to selling a firm's product and services, as well as all other general and administrative expenses. Direct selling expenses (for example, credit, warranty, and advertising) are expenses that can be directly linked to the sale of specific products. Indirect selling expenses are expenses that cannot be directly linked to the sale of specific products, for example telephone expenses, Internet, and postal charges. General and administrative expenses include salaries of non-sales personnel, rent, utilities, communication, etc. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (SX 210.5-03(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2 + Details Name: us-gaap_SellingGeneralAndAdministrativeExpense Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration XML 14 R3.htm IDEA: XBRL DOCUMENT v3.24.2.u1 CONDENSED CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME (LOSS) - USD (\$) in Millions 3 Months Ended 6 Months Ended Jun 30, 2024 Jun 30, 2023 Jun 30, 2023 Jun 30, 2023 Jun 30, 2023 Comprehensive Income Attributable to Ingersoll Rand Inc. \$ 4.6 \$ 4.6 \$ 4.6 \$ 4.6 \$ 4.6 Net income attributable to Ingersoll Rand Inc. \$ 185.0 \$ 179.5 \$ 387.2 \$ 340.6 Other comprehensive loss, net of tax: \$ 4.6 \$ 4.6 Foreign currency translation adjustments, net (34.0) (46.6) (107.5) (15.8) Unrecognized gain (loss) on cash flow hedges (2.1) 10.9 (2.2) 5.6 Pension and other postretirement prior service cost and gain (loss), net (1.4) (1.1) (2.8) (1.3) Total other comprehensive loss, net of tax (37.5) (36.8) (112.5) (112.5) Comprehensive income attributable to Ingersoll Rand Inc. 147.5 142.7 274.7 329.1 Comprehensive Income Attributable to Noncontrolling Interests \$ 1.5 \$ 1.5 \$ 3.8 \$ 3.4 Other comprehensive income (loss), net of tax: \$ 4.6 \$ 4.6 Foreign currency translation adjustments, net 0.1 (0.1) (0.7) 0.8 Total other comprehensive income (loss), net of tax 0.1 (0.1) (0.7) 0.8 Comprehensive income attributable to noncontrolling interests 1.6 1.2 3.1 4.2 Total Comprehensive Income \$ 149.1 \$ 143.9 \$ 277.8 \$ 333.3 X - DefinitionAmount after tax of increase (decrease) in equity from transactions and other events and circumstances from net income and other comprehensive income, attributable to parent entity. Excludes changes in equity resulting from investments by owners and distributions to owners. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (SX 210.5-03(24)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (SX 210.9-04(26)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (SX 210.7-04(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (SX 210.7-04(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 7: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 220 -SubTopic 10 -Section 45 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-5 + Details Name: us-gaap_ComprehensiveIncomeNetOfTax Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_ComprehensiveIncomeNetOfTaxAbstract Namespace Prefix: us-gaap_Data Type: xbrli:stringItem Type Balance Type: na Period Type: duration X - DefinitionAmount after tax of increase (decrease) in equity from transactions and other events and circumstances from net income (loss) and other comprehensive income (loss), attributable to noncontrolling interests. Excludes changes in equity resulting from investments by owners and distributions to owners. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 20 -SubTopic 10 -Topic 810 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-20Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (SX 210.5-03(23)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (SX 210.9-04(25)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (SX 210.7-04(21)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (SX 210.7-04(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 7: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 810 -SubTopic 10 -Section 55 -Paragraph 4K -Publisher FASB -URI https://asc.fasb.org/1943274/2147481175/810-10-55-4K + Details Name: us-gaap_ComprehensiveIncomeNetOfTaxAttributableToNoncontrollingInterest Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_ComprehensiveIncomeNetOfTaxAttributableToNoncontrollingInterestAbstract Namespace Prefix: us-gaap_Data Type: xbrli:stringItem Type Balance Type: na Period Type: duration X - DefinitionThe portion of profit or loss for the period, net of income taxes, which is attributable to the parent. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI 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Standards Codification -Section 50 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 28: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher

Section 50 - Paragraph 32 - Subparagraph (d) - Publisher FASB - URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 - SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (bb) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 - Paragraph 25 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-25Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section 599 -Paragraph 1 -Subparagraph (X 210.4-08(g)(1)(ii)) 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Standards Codification -Section 599 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-599-1Reference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section 599 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-599-1Reference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section 599 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-599-1Reference 28: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481404/852-10-50-7Reference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30Reference 30: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section 599 -Paragraph 1 -Subparagraph (SX 210.9-03(11)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-599-1 + Details Name: us-gaap Assets Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of asset recognized for present right to economic benefit, classified as current. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (bb) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 - Paragraph 25 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-25Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section 599 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-599-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 6: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483467/210-10-45-1Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 599 -Paragraph 1 -Subparagraph (SX 210.5-02(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-599-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section 599 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-599-1Reference 10: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section 599 -Paragraph 1A 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Accounting Standards Codification -Section 599 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-599-1Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section 599 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-599-1Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section 599 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-599-1Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section 599 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-599-1Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section 599 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-599-1Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section 599 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-599-1Reference 20: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481404/852-10-50-7 + Details Name: us-gaap AssetsCurrentNamespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap AssetsCurrentAbstract Namespace Prefix: us-gaap Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of currency on hand as well as demand deposits with banks or financial institutions. Includes other kinds of accounts that have the general characteristics of demand deposits. Also includes short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates. Excludes cash and cash equivalents within disposal group and discontinued operation. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 599 -Paragraph 1 -Subparagraph (SX 210.5-02(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-599-1Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 - Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483467/210-10-45-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 230 -SubTopic 10 -Section 45 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-4 + Details Name: us-gaap CashAndCashEquivalentsAtCarryingValue Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionRepresents the caption on the face of the balance sheet to indicate that the entity has entered into (1) purchase or supply arrangements that will require expending a portion of its resources to meet the terms thereof, and (2) is exposed to potential losses or, less frequently, gains, arising from (a) possible claims against a company's resources due to future performance under contract terms, and (b) possible losses or likely gains from uncertainties that will ultimately be resolved when one or more future events that are deemed likely to occur do occur or fail to occur. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section 599 -Paragraph 1 -Subparagraph (SX 210.9-03(17)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-599-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 599 -Paragraph 1 -Subparagraph (SX 210.5-02(25)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-599-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section 599 -Paragraph 1 -Subparagraph (SX 210.6-04(15)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/944-210-599-1 + Details Name: us-gaap CommitmentsAndContingencies Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAggregate par or stated value of issued nonredeemable common stock (or common stock redeemable solely at the option of the issuer). This item includes treasury stock repurchased by the entity. Note: elements for number of nonredeemable common shares, par value and other disclosure concepts are in another section within stockholders' equity. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 599 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-599-1Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section 599 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-599-1 + Details Name: us-gaap CommonStockValue Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of debt and lease obligation, classified as current. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 599 -Paragraph 1 -Subparagraph (SX 210.5-02(21)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-599-1 + Details Name: us-gaap DebtCurrent Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount, after allocation of valuation allowances and deferred tax liability, of deferred tax asset attributable to deductible differences and carryforwards, with jurisdictional netting. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482525/740-10-45-4Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482525/740-10-45-6 + Details Name: us-gaap DeferredIncomeTaxAssetsNet Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount, after deferred tax asset, of deferred tax liability attributable to taxable differences with jurisdictional netting. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section 599 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(15)(b)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-599-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482525/740-10-45-4Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482525/740-10-45-4Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482525/740-10-45-4Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 599 -Paragraph 1 -Subparagraph (SX 210.5-02(15)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-599-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-599-1Reference 7: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 8: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section 599 -Paragraph 1 -Subparagraph (SX 210.9-03(10)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-599-1 + Details Name: us-gaap Goodwill Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionSum of the carrying amounts of all intangible assets, excluding goodwill, as of the balance sheet date,

net of accumulated amortization and impairment charges. + ReferencesReference 1: [http://www.xbrl.org/2009/role/commonPracticeRef-Topic 350-SubTopic 30-Name Accounting Standards Codification-Section 50-Paragraph 2-Subparagraph \(a\)\(1\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 2:](http://www.xbrl.org/2009/role/commonPracticeRef-Topic 350-SubTopic 30-Name Accounting Standards Codification-Section 50-Paragraph 2-Subparagraph (a)(1)-Publisher FASB-URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 2:)
[http://www.xbrl.org/2009/role/commonPracticeRef-Topic 350-SubTopic 30-Name Accounting Standards Codification-Section 50-Paragraph 2-Subparagraph \(b\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 3:](http://www.xbrl.org/2009/role/commonPracticeRef-Topic 350-SubTopic 30-Name Accounting Standards Codification-Section 50-Paragraph 2-Subparagraph (b)-Publisher FASB-URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 3:)
<http://www.xbrl.org/2003/role/disclosureRef-Topic 350-SubTopic 30-Name Accounting Standards Codification-Section 45-Paragraph 1-Publisher FASB-URI https://asc.fasb.org/1943274/2147482686/350-30-45-1+Details Name: us-gaap IntangibleAssetsNetExcludingGoodwill Namespace Prefix: us-gaap Data Type: xbrli:monetaryItem Type Balance Type: debit Period Type: instant X-DefinitionAmount after valuation and LIFO reserves of inventory expected to be sold, or consumed within one year or operating cycle, if longer. + ReferencesReference 1:>
<http://www.xbrl.org/2003/role/exampleRef-Topic 852-SubTopic 10-Name Accounting Standards Codification-Section 55-Paragraph 10-Publisher FASB-URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 2:>
[http://www.xbrl.org/2003/role/exampleRef-Topic 210-SubTopic 10-Name Accounting Standards Codification-Section 45-Paragraph 1-Subparagraph \(b\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147483467/210-10-45-1Reference 3:](http://www.xbrl.org/2003/role/exampleRef-Topic 210-SubTopic 10-Name Accounting Standards Codification-Section 45-Paragraph 1-Subparagraph (b)-Publisher FASB-URI https://asc.fasb.org/1943274/2147483467/210-10-45-1Reference 3:)
[http://www.xbrl.org/2003/role/disclosureRef-Topic 210-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph \(SX 210.5-02\(6\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480566/210-10-599-1+Details Name: us-gaap InventoryNet Namespace Prefix: us-gaap Data Type: xbrli:monetaryItem Type Balance Type: debit Period Type: instant X-DefinitionAmount of liability recognized for present obligation requiring transfer or otherwise providing economic benefit to others. + ReferencesReference 1:](http://www.xbrl.org/2003/role/disclosureRef-Topic 210-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph (SX 210.5-02(6))-Publisher FASB-URI https://asc.fasb.org/1943274/2147480566/210-10-599-1+Details Name: us-gaap InventoryNet Namespace Prefix: us-gaap Data Type: xbrli:monetaryItem Type Balance Type: debit Period Type: instant X-DefinitionAmount of liability recognized for present obligation requiring transfer or otherwise providing economic benefit to others. + ReferencesReference 1:)
[http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph \(SX 210.5-02\(22\)\)-SubTopic 10-Topic 210-Publisher FASB-URI https://asc.fasb.org/1943274/2147480566/210-10-599-1Reference 2:](http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph (SX 210.5-02(22))-SubTopic 10-Topic 210-Publisher FASB-URI https://asc.fasb.org/1943274/2147480566/210-10-599-1Reference 2:)
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[http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph \(SX 210.5-02\(24\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480566/210-10-599-1Reference 4:](http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph (SX 210.5-02(24))-Publisher FASB-URI https://asc.fasb.org/1943274/2147480566/210-10-599-1Reference 4:)
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[http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph \(SX 210.5-02\(26\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480566/210-10-599-1Reference 7:](http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph (SX 210.5-02(26))-Publisher FASB-URI https://asc.fasb.org/1943274/2147480566/210-10-599-1Reference 7:)
[http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph \(SX 210.5-02\(23\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480566/210-10-599-1Reference 8:](http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph (SX 210.5-02(23))-Publisher FASB-URI https://asc.fasb.org/1943274/2147480566/210-10-599-1Reference 8:)
[http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph \(SX 210.5-02\(21\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480566/210-10-599-1Reference 9:](http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph (SX 210.5-02(21))-Publisher FASB-URI https://asc.fasb.org/1943274/2147480566/210-10-599-1Reference 9:)
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[http://www.xbrl.org/2003/role/exampleRef-Topic 280-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 30-Subparagraph \(d\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147482810/280-10-50-30+Details Name: us-gaap Liabilities Namespace Prefix: us-gaap Data Type: xbrli:monetaryItem Type Balance Type: credit Period Type: instant X-DefinitionAmount of liabilities and equity items, including the portion of equity attributable to noncontrolling interests, if any. + ReferencesReference 1:](http://www.xbrl.org/2003/role/exampleRef-Topic 280-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 30-Subparagraph (d)-Publisher FASB-URI https://asc.fasb.org/1943274/2147482810/280-10-50-30+Details Name: us-gaap Liabilities Namespace Prefix: us-gaap Data Type: xbrli:monetaryItem Type Balance Type: credit Period Type: instant X-DefinitionAmount of liabilities and equity items, including the portion of equity attributable to noncontrolling interests, if any. + ReferencesReference 1:)
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[http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph \(SX 210.5-02\(32\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480566/210-10-599-1+Details Name: us-gaap LiabilitiesAndStockholdersEquity Namespace Prefix: us-gaap Data Type: xbrli:monetaryItem Type Balance Type: credit Period Type: instant X-DefinitionTotal obligations incurred as part of normal operations that are expected to be paid during the following twelve months or within one business cycle, if longer. + ReferencesReference 1:](http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph (SX 210.5-02(32))-Publisher FASB-URI https://asc.fasb.org/1943274/2147480566/210-10-599-1+Details Name: us-gaap LiabilitiesAndStockholdersEquity Namespace Prefix: us-gaap Data Type: xbrli:monetaryItem Type Balance Type: credit Period Type: instant X-DefinitionTotal obligations incurred as part of normal operations that are expected to be paid during the following twelve months or within one business cycle, if longer. + ReferencesReference 1:)
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[http://www.xbrl.org/2003/role/disclosureRef](http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1A-Subparagraph (SX 210.13-01(a)(4)(iv))-Publisher FASB-URI https://asc.fasb.org/1943274/2147480097/470-10-599-1Reference 13:)

<https://fasb.org/us-gaap/role/ref/legacyRef> -Name Accounting Standards Codification -Topic 810 -SubTopic 10 -Section 45 -Paragraph 16 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481231/810-10-45-16>Reference 48: <http://fasb.org/us-gaap/role/ref/legacyRef> -Name Accounting Standards Codification -Topic 810 -SubTopic 10 -Section 55 -Paragraph 41 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481175/810-10-55-41>Reference 49: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 350 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147476166/350-60-65-1> + Details Name: us-gaap_StockholdersEquityIncludingPortionAttributableToNoncontrollingInterest Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X -DefinitionEquity impact of the cost of common and preferred stock that were repurchased during the period. Recorded using the cost method. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef> -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481112/505-10-50-2>Reference 2: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section 599 -Paragraph 1 -Subparagraph (SX 210.3.04) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480085/505-10-599-1>Reference 3: <http://fasb.org/us-gaap/role/ref/legacyRef> -Name Accounting Standards Codification -Section 505 -SubTopic 30 -Section 45 -Paragraph 1 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481549/505-30-45-1> + Details Name: us-gaap_TreasuryStockValueAcquiredCostMethod Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration XML 18 R7.htm IDEA: XBRL DOCUMENT v3.24.2.u1 CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS - USD (\$) \$ in Millions 6 Months Ended Jun. 30, 2024 Jun. 30, 2023 Cash Flows From Operating Activities: - Net income \$ 391.0 \$ 344.0 Adjustments to reconcile net income to net cash provided by operating activities: - Amortization of intangible assets 182.8 182.1 Depreciation 51.3 43.7 Non-cash restructuring charges 0.0 1.9 Stock-based compensation expense 28.6 24.0 Loss (income) on equity method investments 14.2 (2.7) Foreign currency transaction gains, net (0.7) (0.1) Non-cash adjustments to carrying value of LIFO inventories 7.2 14.3 Loss on extinguishment of debt 3.0 0.9 Loss on sale of asbestos-related assets and liabilities 33.7 0.0 Other non-cash adjustments 3.4 5.2 Changes in assets and liabilities: - Receivables (8.1) (62.7) Inventories (63.6) (29.6) Accounts payable (72.8) (126.8) Accrued liabilities (44.3) 53.1 Other assets and liabilities, net (59.2) (48.6) Net cash provided by operating activities 466.5 398.7 Cash Flows Used In Investing Activities: - Capital expenditures (84.1) (47.2) Net cash paid in acquisitions (2,744.0) (615.8) Disposals of property, plant and equipment 0.0 7.3 Other investing (6.0) 0.3 Net cash used in investing activities (2,834.1) (655.4) Cash Flows From (Used In) Financing Activities: - Principal payments on long-term debt (1,240.7) (20.6) Proceeds from long-term debt 3,296.9 0.0 Purchases of treasury stock (135.5) (132.8) Cash dividends on common shares (16.1) (16.2) Proceeds from stock option exercises 22.7 15.6 Payments to settle cross-currency swaps (19.9) 0.0 Payments of deferred and contingent acquisition consideration (12.0) (5.3) Payments of debt issuance costs (32.3) (5.3) Other financing (1.1) (1.1) Net cash provided by (used in) financing activities 1,862.0 (165.7) Effect of exchange rate changes on cash and cash equivalents (27.4) (12.5) Net decrease in cash and cash equivalents (533.0) (434.9) Cash and cash equivalents, beginning of period 1,595.5 1,613.0 Cash and cash equivalents, end of period 1,062.5 1,178.1 Supplemental Cash Flow Information - Cash paid for income taxes, net of refunds 128.9 100.3 Cash paid for interest, net of interest rate derivative settlements \$ 56.9 \$ 73.5 X -DefinitionGain (Loss) On Of Asbestos-Related Assets And Liabilities + ReferencesNo definition available. + Details Name: iri_GainLossOnOfAsbestosRelatedAssetsAndLiabilities Namespace Prefix: iri_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X -ReferencesNo definition available. + Details Name: us-gaap_AdjustmentsToReconcileNetIncomeLossToCashProvidedByUsedInOperatingActivitiesAbstract Namespace Prefix: us-gaap_Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X -DefinitionThe aggregate expense charged against earnings to allocate the cost of intangible assets (nonphysical assets not used in production) in a systematic and rational manner to the periods expected to benefit from such assets. As a noncash expense, this element is added back to net income when calculating cash provided by or used in operations using the indirect method. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef> -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482740/230-10-45-28>Reference 2: <http://www.xbrl.org/2003/role/exampleRef> -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 40 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482640/350-30-55-40>Reference 3: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(2) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482665/350-30-50-2>Reference 4: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482686/350-30-45-2> + Details Name: us-gaap_AmortizationOfIntangibleAssets Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X -DefinitionAmount of cash and cash equivalents, and cash and cash equivalents restricted to withdrawal or usage. Excludes amount for disposal group and discontinued operations. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. Cash equivalents include, but are not limited to, short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482913/230-10-50-8>Reference 2: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 24 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482740/230-10-45-24>Reference 3: <http://fasb.org/us-gaap/role/ref/legacyRef> -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 4 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482740/230-10-45-4> + Details Name: us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalents Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X -DefinitionAmount of increase (decrease) in cash, cash equivalents, and cash and cash equivalents restricted to withdrawal or usage; including effect from exchange rate change. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. Cash equivalents include, but are not limited to, short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates. + ReferencesReference 1: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 599 -Paragraph 2 -Subparagraph (SX 210.5-03(2)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483621/220-10-599-2>Reference 2: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 360 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482099/360-10-50-1> + Details Name: us-gaap_CostOfGoodsAndServicesSoldDepreciation Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X -DefinitionAmount of increase (decrease) from effect of exchange rate changes on cash and cash equivalents, and cash and cash equivalents restricted to withdrawal or usage; held in foreign currencies. Excludes amounts for disposal group and discontinued operations. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. Cash equivalents include, but are not limited to, short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 830 -SubTopic 230 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147477401/830-230-45-1> + Details Name: us-gaap_EffectOfExchangeRateOnCashCashEquivalentsRestrictedCashAndRestrictedCashEquivalents Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X -DefinitionAmount, before tax, of realized and unrealized gain (loss) from foreign currency transaction. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 599 -Paragraph 1 -Subparagraph (SX 210.6-07(7)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479134/946-220-599-1>Reference 2: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 830 -SubTopic 20 -Name Accounting Standards Codification -Section 35 -Paragraph 1 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482014/830-20-35-1>Reference 3: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 830 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481956/830-20-45-1>Reference 4: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 830 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481926/830-20-50-1>Reference 5: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 830 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 17 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481839/830-10-45-17> + Details Name: us-gaap_ForeignCurrencyTransactionGainLossBeforeTax Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X -DefinitionDifference between the fair value of payments made and the carrying amount of debt which is extinguished prior to maturity. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef> -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482740/230-10-45-28>Reference 2: <http://fasb.org/us-gaap/role/ref/legacyRef> -Name Accounting Standards Codification -Topic 470 -SubTopic 50 -Section 40 -Paragraph 2 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481303/470-50-40-2>Reference 3: <http://fasb.org/us-gaap/role/ref/legacyRef> -Name Accounting Standards Codification -Topic 470 -SubTopic 50 -Section 40 -Paragraph 4 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481303/470-50-40-4> + Details Name: us-gaap_GainsLossesOnExtinguishmentOfDebt Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X -DefinitionAmount of income (loss) for proportionate share of equity method investee's income (loss). + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef> -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482740/230-10-45-28>Reference 2: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482964/270-10-50-1>Reference 3: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482810/280-10-50-32>Reference 4: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section 599 -Paragraph 1 -Subparagraph (SX 210.7-04(10)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147477250/944-220-599-1>Reference 5: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481664/323-10-45-1>Reference 6: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (g) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482810/280-10-50-2>Reference 7: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 599 -Paragraph 2 -Subparagraph (SX 210.5-03(12)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483621/220-10-599-2>Reference 8: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section 599 -Paragraph 1 -Subparagraph (SX 210.9-04(1)(f)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478524/942-220-599-1> + Details Name: us-gaap_IncomeLossFromEquityMethodInvestments Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X -DefinitionAmount, after refund, of cash paid to foreign, federal, state, and local jurisdictions as income tax. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2A -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482913/230-10-50-2A>Reference 2: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 23 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482685/740-10-50-23>Reference 3: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482685/740-10-50-2>Reference 4: <http://fasb.org/us-gaap/role/ref/legacyRef> -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 50 -Paragraph 2 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482913/230-10-50-2> + Details Name: us-gaap_IncomeTaxesPaidNet Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X -DefinitionThe increase (decrease) during the reporting period in the aggregate amount of liabilities incurred (and for which invoices have typically been received) and payable to vendors for goods and services received that are used in an entity's business. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef> -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482740/230-10-45-28> + Details Name: us-gaap_IncreaseDecreaseInAccountsPayable Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X -DefinitionThe increase (decrease) during the reporting period in the aggregate amount of expenses incurred but not yet paid. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef> -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482740/230-10-45-28> + Details Name: us-gaap_IncreaseDecreaseInAccruedLiabilities Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X -DefinitionThe increase (decrease) during the reporting period in the aggregate value of all inventory held by the reporting entity, associated with underlying transactions that are classified as operating activities. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef> -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482740/230-10-45-28> + Details Name: us-gaap_IncreaseDecreaseInInventories Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X -ReferencesNo definition available. + Details Name: us-gaap_IncreaseDecreaseInOperatingCapitalAbstract Namespace Prefix: us-gaap_Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X -DefinitionAmount of increase (decrease) in operating assets after deduction of operating liabilities classified as other. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef> -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482740/230-10-45-28> + Details Name: us-gaap_IncreaseDecreaseInOtherOperatingCapitalNet Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X -DefinitionThe increase (decrease) during the reporting period in the total amount due within one year (or one operating cycle) from all parties, associated with underlying transactions that are classified as operating activities. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef> -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482740/230-10-45-28> + Details Name: us-gaap_IncreaseDecreaseInReceivables Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X -DefinitionAmount of cash paid for interest, excluding capitalized interest, classified as operating activity. Includes, but is not limited to, payment to settle zero-coupon bond for accreted interest of debt discount and debt instrument with insignificant coupon interest rate in relation to effective interest rate of borrowing attributable to accreted interest of debt discount. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 17 -Subparagraph (d) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482740/230-10-45-17>Reference 2: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Subparagraph (e) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482740/230-10-45-25>Reference 3: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482913/230-10-50-2> + Details Name: us-gaap_InterestPaidNet Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X -DefinitionThe difference between the change in the inventory reserve representing the cumulative difference in cost between the first in, first out and the last in, first out inventory valuation methods and any LIFO decrement which have been reflected in the statement of income during the period. + ReferencesNo definition available. + Details Name: us-gaap_InventoryLIFOReserveEffectOnIncomeNet Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X -DefinitionAmount of cash inflow

(outflow) from financing activities, including discontinued operations. Financing activity cash flows include obtaining resources from owners and providing them with a return on, and a return of, their investment; borrowing money and repaying amounts borrowed, or settling the obligation; and obtaining and paying for other resources obtained from creditors on long-term credit. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef-Topic 230-SubTopic 10-Name Accounting Standards Codification-Section 45-Paragraph 24-Publisher FASB-URI> <https://asc.fasb.org/1943274/2147482740/230-10-45-24> + Details Name: us-gaap_NetCashProvidedByUsedInFinancingActivities Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_NetCashProvidedByUsedInFinancingActivitiesAbstract Namespace Prefix: us-gaap_Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of cash inflow (outflow) from investing activities, including discontinued operations. Investing activity cash flows include making and collecting loans and acquiring and disposing of debt or equity instruments and property, plant, and equipment and other productive assets. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef-Topic 230-SubTopic 10-Name Accounting Standards Codification-Section 45-Paragraph 24-Publisher FASB-URI> <https://asc.fasb.org/1943274/2147482740/230-10-45-24> + Details Name: us-gaap_NetCashProvidedByUsedInInvestingActivities Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_NetCashProvidedByUsedInInvestingActivitiesAbstract Namespace Prefix: us-gaap_Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of cash inflow (outflow) from operating activities, including discontinued operations. Operating activity cash flows include transactions, adjustments, and changes in value not defined as investing or financing activities. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef-Topic 230-SubTopic 10-Name Accounting Standards Codification-Section 45-Paragraph 28-Publisher FASB-URI> <https://asc.fasb.org/1943274/2147482740/230-10-45-28>Reference 2: <http://fasb.org/us-gaap/role/ref/legacyRef-Topic 230-SubTopic 10-Name Accounting Standards Codification-Section 45-Paragraph 24-Publisher FASB-URI> <https://asc.fasb.org/1943274/2147482740/230-10-45-24>Reference 3: <http://fasb.org/us-gaap/role/ref/legacyRef-Topic 230-SubTopic 10-Name Accounting Standards Codification-Section 45-Paragraph 25-Publisher FASB-URI> <https://asc.fasb.org/1943274/2147482740/230-10-45-25> + Details Name: us-gaap_NetCashProvidedByUsedInOperatingActivities Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_NetCashProvidedByUsedInOperatingActivitiesAbstract Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: na Period Type: duration X - DefinitionAmount of income (expense) included in net income that results in no cash inflow (outflow), classified as other. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef-Topic 230-SubTopic 10-Name Accounting Standards Codification-Section 45-Paragraph 28-Publisher FASB-URI> <https://asc.fasb.org/1943274/2147482740/230-10-45-28> + Details Name: us-gaap_OtherNoncashIncomeExpense Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of cash outflow, not made soon after acquisition date of business combination, to settle contingent consideration liability up to amount recognized at acquisition date, including, but not limited to, measurement period adjustment and less amount paid soon after acquisition date. + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification-Section 45-Paragraph 15-Subparagraph \(f\)-Topic 230-SubTopic 10-Name Accounting Standards Codification-Section 45-Paragraph 15-Subparagraph \(f\)-Publisher FASB-URI](http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification-Section 45-Paragraph 15-Subparagraph (f)-Topic 230-SubTopic 10-Name Accounting Standards Codification-Section 45-Paragraph 15-Subparagraph (f)-Publisher FASB-URI) <https://asc.fasb.org/1943274/2147482740/230-10-45-15> + Details Name: us-gaap_PaymentForContingentConsiderationLiabilityFinancingActivities Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe cash outflow for a financial contract that meets the hedge criteria as either cash flow hedge, fair value hedge or hedge of net investment in foreign operations. + ReferencesReference 1: <http://www.xbrl.org/2009/role/commonPracticeRef-Name Accounting Standards Codification-Section 45-Paragraph 15-SubTopic 10-Topic 230-Publisher FASB-URI> <https://asc.fasb.org/1943274/2147482740/230-10-45-15>Reference 2: <http://www.xbrl.org/2003/role/disclosureRef-Topic 230-SubTopic 10-Name Accounting Standards Codification-Section 45-Paragraph 27-Publisher FASB-URI> <https://asc.fasb.org/1943274/2147482740/230-10-45-27> + Details Name: us-gaap_PaymentsForHedgeFinancingActivities Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of cash (inflow) outflow from investing activities classified as other. + ReferencesReference 1: <http://www.xbrl.org/2009/role/commonPracticeRef-Topic 230-SubTopic 10-Name Accounting Standards Codification-Section 45-Paragraph 13-Publisher FASB-URI> <https://asc.fasb.org/1943274/2147482740/230-10-45-13>Reference 2: <http://www.xbrl.org/2009/role/commonPracticeRef-Name Accounting Standards Codification-Section 45-Paragraph 12-SubTopic 10-Topic 230-Publisher FASB-URI> <https://asc.fasb.org/1943274/2147482740/230-10-45-12> + Details Name: us-gaap_PaymentsForProceedsFromOtherInvestingActivities Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe cash outflow to reacquire common stock during the period. + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef-Topic 230-SubTopic 10-Name Accounting Standards Codification-Section 45-Paragraph 15-Subparagraph \(a\)-Publisher FASB-URI](http://fasb.org/us-gaap/role/ref/legacyRef-Topic 230-SubTopic 10-Name Accounting Standards Codification-Section 45-Paragraph 15-Subparagraph (a)-Publisher FASB-URI) <https://asc.fasb.org/1943274/2147482740/230-10-45-15> + Details Name: us-gaap_PaymentsForRepurchaseOfCommonStock Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe cash outflow paid to third parties in connection with debt origination, which will be amortized over the remaining maturity period of the associated long-term debt. + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification-Topic 230-SubTopic 10-Section 45-Paragraph 15-Subparagraph \(e\)-Publisher FASB-URI](http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification-Topic 230-SubTopic 10-Section 45-Paragraph 15-Subparagraph (e)-Publisher FASB-URI) <https://asc.fasb.org/1943274/2147482740/230-10-45-15> + Details Name: us-gaap_PaymentsOfDebtIssuanceCosts Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of cash outflow in the form of ordinary dividends to common shareholders of the parent entity. + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef-Topic 230-SubTopic 10-Name Accounting Standards Codification-Section 45-Paragraph 15-Subparagraph \(a\)-Publisher FASB-URI](http://fasb.org/us-gaap/role/ref/legacyRef-Topic 230-SubTopic 10-Name Accounting Standards Codification-Section 45-Paragraph 15-Subparagraph (a)-Publisher FASB-URI) <https://asc.fasb.org/1943274/2147482740/230-10-45-15> + Details Name: us-gaap_PaymentsOfDividendsCommonStock Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe cash outflow associated with the acquisition of a business, net of the cash acquired from the purchase. + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification-Topic 230-SubTopic 10-Section 45-Paragraph 13-Subparagraph \(b\)-Publisher FASB-URI](http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification-Topic 230-SubTopic 10-Section 45-Paragraph 13-Subparagraph (b)-Publisher FASB-URI) <https://asc.fasb.org/1943274/2147482740/230-10-45-13> + Details Name: us-gaap_PaymentsToAcquireBusinessesNetOfCashAcquired Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe cash outflow for purchases of and capital improvements on property, plant and equipment (capital expenditures), software, and other intangible assets. + ReferencesReference 1: <http://www.xbrl.org/2009/role/commonPracticeRef-Topic 805-SubTopic 50-Name Accounting Standards Codification-Section 25-Paragraph 1-Publisher FASB-URI> <https://asc.fasb.org/1943274/2147480060/805-50-25>Reference 2: <http://www.xbrl.org/2009/role/commonPracticeRef-Topic 805-SubTopic 50-Name Accounting Standards Codification-Section 30-Paragraph 1-Publisher FASB-URI> <https://asc.fasb.org/1943274/2147480027/805-50-30>Reference 3: <http://www.xbrl.org/2009/role/commonPracticeRef-Topic 805-SubTopic 50-Name Accounting Standards Codification-Section 30-Paragraph 2-Publisher FASB-URI> <https://asc.fasb.org/1943274/2147480027/805-50-30>Reference 4: [http://www.xbrl.org/2003/role/disclosureRef-Name Accounting Standards Codification-Section 45-Paragraph 13-Subparagraph \(c\)-SubTopic 10-Topic 230-Publisher FASB-URI](http://www.xbrl.org/2003/role/disclosureRef-Name Accounting Standards Codification-Section 45-Paragraph 13-Subparagraph (c)-SubTopic 10-Topic 230-Publisher FASB-URI) <https://asc.fasb.org/1943274/2147482740/230-10-45-13> + Details Name: us-gaap_PaymentsToAcquireProductiveAssets Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe cash inflow from a debt initially having maturity due after one year or beyond the operating cycle, if longer. + ReferencesReference 1: [http://www.xbrl.org/2003/role/disclosureRef-Topic 946-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 3-Subparagraph \(SX 210.6-03\(i\)\(1\)\)-Publisher FASB-URI](http://www.xbrl.org/2003/role/disclosureRef-Topic 946-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 3-Subparagraph (SX 210.6-03(i)(1))-Publisher FASB-URI) <https://asc.fasb.org/1943274/2147479886/946-10-S99-3>Reference 2: [http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification-Topic 230-SubTopic 10-Section 45-Paragraph 14-Subparagraph \(b\)-Publisher FASB-URI](http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification-Topic 230-SubTopic 10-Section 45-Paragraph 14-Subparagraph (b)-Publisher FASB-URI) <https://asc.fasb.org/1943274/2147482740/230-10-45-14> + Details Name: us-gaap_ProceedsFromIssuanceOfLongTermDebt Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of cash inflow (outflow) from financing activities classified as other. + ReferencesReference 1: <http://www.xbrl.org/2009/role/commonPracticeRef-Topic 230-SubTopic 10-Name Accounting Standards Codification-Section 45-Paragraph 14-Publisher FASB-URI> <https://asc.fasb.org/1943274/2147482740/230-10-45-14>Reference 2: <http://www.xbrl.org/2009/role/commonPracticeRef-Name Accounting Standards Codification-Section 45-Paragraph 15-SubTopic 10-Topic 230-Publisher FASB-URI> <https://asc.fasb.org/1943274/2147482740/230-10-45-15> + Details Name: us-gaap_ProceedsFromPaymentsForOtherFinancingActivities Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe cash inflow from the sale of long-lived, physical assets that are used in the normal conduct of business to produce goods and services and not intended for resale. + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef-Topic 230-SubTopic 10-Name Accounting Standards Codification-Section 45-Paragraph 12-Subparagraph \(c\)-Publisher FASB-URI](http://fasb.org/us-gaap/role/ref/legacyRef-Topic 230-SubTopic 10-Name Accounting Standards Codification-Section 45-Paragraph 12-Subparagraph (c)-Publisher FASB-URI) <https://asc.fasb.org/1943274/2147482740/230-10-45-12> + Details Name: us-gaap_ProceedsFromSaleOfPropertyPlantAndEquipment Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of cash inflow from exercise of option under share-based payment arrangement. + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification-Section 45-Paragraph 14-Subparagraph \(a\)-SubTopic 10-Topic 230-Publisher FASB-URI](http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification-Section 45-Paragraph 14-Subparagraph (a)-SubTopic 10-Topic 230-Publisher FASB-URI) <https://asc.fasb.org/1943274/2147482740/230-10-45-14>Reference 2: [http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification-Section 50-Paragraph 2A-Subparagraph \(a\)-SubTopic 10-Topic 718-Publisher FASB-URI](http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification-Section 50-Paragraph 2A-Subparagraph (a)-SubTopic 10-Topic 718-Publisher FASB-URI) <https://asc.fasb.org/1943274/2147480429/718-10-50-2A> + Details Name: us-gaap_ProceedsFromStockOptionsExercised Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe consolidated profit or loss for the period, net of income taxes, including the portion attributable to the noncontrolling interest. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef-Topic 250-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 6-Publisher FASB-URI> <https://asc.fasb.org/1943274/2147483443/250-10-50-6>Reference 2: <http://www.xbrl.org/2003/role/disclosureRef-Topic 250-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 9-Publisher FASB-URI> <https://asc.fasb.org/1943274/2147483443/250-10-50-9>Reference 3: [http://www.xbrl.org/2003/role/disclosureRef-Topic 805-SubTopic 60-Name Accounting Standards Codification-Section 65-Paragraph 1-Subparagraph \(g\)-Publisher FASB-URI](http://www.xbrl.org/2003/role/disclosureRef-Topic 805-SubTopic 60-Name Accounting Standards Codification-Section 65-Paragraph 1-Subparagraph (g)-Publisher FASB-URI) <https://asc.fasb.org/1943274/2147476176/805-60-65>Reference 4: [http://www.xbrl.org/2003/role/disclosureRef-Topic 740-SubTopic 323-Name Accounting Standards Codification-Section 65-Paragraph 2-Subparagraph \(g\)\(3\)-Publisher FASB-URI](http://www.xbrl.org/2003/role/disclosureRef-Topic 740-SubTopic 323-Name Accounting Standards Codification-Section 65-Paragraph 2-Subparagraph (g)(3)-Publisher FASB-URI) <https://asc.fasb.org/1943274/2147478666/740-323-65-2>Reference 5: [http://www.xbrl.org/2003/role/disclosureRef-Topic 235-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph \(SX 210.4-08\(g\)\(1\)\(ii\)\)-Publisher FASB-URI](http://www.xbrl.org/2003/role/disclosureRef-Topic 235-SubTopic 10-Name Accounting 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[http://www.xbrl.org/2003/role/disclosureRef-Topic 250-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 1-Subparagraph \(b\)\(2\)-Publisher FASB-URI](http://www.xbrl.org/2003/role/disclosureRef-Topic 250-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 1-Subparagraph (b)(2)-Publisher FASB-URI) <https://asc.fasb.org/1943274/2147483443/250-10-50-1>Reference 9: [http://www.xbrl.org/2003/role/disclosureRef-Topic 815-SubTopic 40-Name Accounting Standards Codification-Section 65-Paragraph 1-Subparagraph \(f\)-Publisher FASB-URI](http://www.xbrl.org/2003/role/disclosureRef-Topic 815-SubTopic 40-Name Accounting Standards Codification-Section 65-Paragraph 1-Subparagraph (f)-Publisher FASB-URI) <https://asc.fasb.org/1943274/2147480175/815-40-65>Reference 10: <http://www.xbrl.org/2003/role/disclosureRef-Topic 250-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 8-Publisher FASB-URI> <https://asc.fasb.org/1943274/2147483443/250-10-50-8>Reference 11: <http://www.xbrl.org/2003/role/exampleRef-Topic 946-SubTopic 830-Name Accounting Standards Codification-Section 55-Paragraph 11-Publisher FASB-URI> <https://asc.fasb.org/1943274/2147479168/946-830-55-11>Reference 12: [http://www.xbrl.org/2003/role/disclosureRef-Topic 946-SubTopic 205-Name Accounting Standards Codification-Section 45-Paragraph 3-Subparagraph \(a\)-Publisher FASB-URI](http://www.xbrl.org/2003/role/disclosureRef-Topic 946-SubTopic 205-Name Accounting Standards Codification-Section 45-Paragraph 3-Subparagraph (a)-Publisher FASB-URI) <https://asc.fasb.org/1943274/2147478009/946-205-45-3>Reference 13: <http://www.xbrl.org/2003/role/disclosureRef-Topic 946-SubTopic 220-Name Accounting Standards Codification-Section 45-Paragraph 7-Publisher FASB-URI> <https://asc.fasb.org/1943274/2147479105/946-220-45-7>Reference 14: [http://www.xbrl.org/2003/role/disclosureRef-Topic 944-SubTopic 220-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph \(SX 210.7-04\(16\)\)-Publisher FASB-URI](http://www.xbrl.org/2003/role/disclosureRef-Topic 944-SubTopic 220-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph (SX 210.7-04(16))-Publisher FASB-URI) <https://asc.fasb.org/1943274/2147477250/944-220-S99-1>Reference 15: [http://www.xbrl.org/2003/role/disclosureRef-Topic 946-SubTopic 220-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph \(SX 210.6-07\(9\)\)-Publisher FASB-URI](http://www.xbrl.org/2003/role/disclosureRef-Topic 946-SubTopic 220-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph (SX 210.6-07(9))-Publisher FASB-URI) <https://asc.fasb.org/1943274/2147479134/946-220-S99-1>Reference 16: [http://www.xbrl.org/2003/role/disclosureRef-Topic 946-SubTopic 220-Name Accounting Standards Codification-Section S99-Paragraph 3-Subparagraph \(SX 210.6-09\(1\)\(d\)\)-Publisher FASB-URI](http://www.xbrl.org/2003/role/disclosureRef-Topic 946-SubTopic 220-Name Accounting Standards Codification-Section S99-Paragraph 3-Subparagraph (SX 210.6-09(1)(d))-Publisher FASB-URI) <https://asc.fasb.org/1943274/2147479134/946-220-S99-3>Reference 17: <http://www.xbrl.org/2003/role/disclosureRef-Topic 810-SubTopic 10-Name Accounting Standards Codification-Section 45-Paragraph 19-Publisher FASB-URI> <https://asc.fasb.org/1943274/2147481231/810-10-45-19>Reference 18: <http://www.xbrl.org/2009/role/commonPracticeRef-Topic 220-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 6-Publisher FASB-URI> <https://asc.fasb.org/1943274/2147482765/220-10-50-6>Reference 19: [http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1A-Subparagraph \(SX 210.13-01\(a\)\(4\)\(i\)\)-Publisher FASB-URI](http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards 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210.13-01(a)(4)(iii)(A))-Publisher FASB-URI) <https://asc.fasb.org/1943274/2147480097/470-10-S99-1A>Reference 22: [http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1A-Subparagraph \(SX 210.13-01\(a\)\(4\)\(iv\)\)-Publisher FASB-URI](http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1A-Subparagraph (SX 210.13-01(a)(4)(iv))-Publisher FASB-URI) <https://asc.fasb.org/1943274/2147480097/470-10-S99-1A>Reference 23: [http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1A-Subparagraph \(SX 210.13-01\(a\)\(5\)\)-Publisher FASB-URI](http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1A-Subparagraph (SX 210.13-01(a)(5))-Publisher FASB-URI) <https://asc.fasb.org/1943274/2147480097/470-10-S99-1A>Reference 24: [http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1B-Subparagraph \(SX 210.13-02\(a\)\(4\)\(i\)\)-Publisher FASB-URI](http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1B-Subparagraph (SX 210.13-02(a)(4)(i))-Publisher FASB-URI) <https://asc.fasb.org/1943274/2147480097/470-10-S99-1B>Reference 25: [http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1B-Subparagraph \(SX 210.13-02\(a\)\(4\)\(ii\)\(B\)\)-Publisher FASB-URI](http://www.xbrl.org/2003/role/disclosureRef-Topic 470-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1B-Subparagraph (SX 210.13-02(a)(4)(ii)(B))-Publisher FASB-URI) <https://asc.fasb.org/1943274/2147480097/470-10-S99-1B>Reference 26:

https://asc.fasb.org/1943274/2147481203/810-10-50-1A + Details Name: us-gaap_ProfitLoss Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItem Type Balance Type: credit Period Type: duration X - Definition The cash outflow for debt initially having maturity due after one year or beyond the normal operating cycle, if longer. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 15 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-15Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 10 -Name Accounting Standards Codification -Section 599 -Paragraph 3 -Subparagraph (SX 210.6-03(i)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479886/946-10-599-3 + Details Name: us-gaap_RepaymentsOfLongTermDebt Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItem Type Balance Type: credit Period Type: duration X - Definition Amount, after cash payment, of expenses associated with exit or disposal activities pursuant to an authorized plan. Excludes expenses related to a discontinued operation or an asset retirement obligation. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_RestructuringCosts Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItem Type Balance Type: debit Period Type: duration X - Definition Amount of noncash expense for share-based payment arrangement. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_ShareBasedCompensation Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItem Type Balance Type: debit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_SupplementalCashFlowInformationAbstract Namespace Prefix: us-gaap_Data Type: xbrli:stringItem Type Balance Type: na Period Type: duration XML 19 R8.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Basis of Presentation and Recent Accounting Pronouncements 6 Months Ended Jun. 30, 2024 Organization, Consolidation and Presentation of Financial Statements [Abstract] A Basis of Presentation and Recent Accounting Pronouncements Basis of Presentation and Recent Accounting PronouncementsBasis of PresentationIngersoll Rand Inc. is a global provider of mission-critical flow creation products and life science and industrial solutions. The accompanying condensed consolidated financial statements include the accounts of Ingersoll Rand Inc. and its majority-owned subsidiaries (collectively referred to herein as "Ingersoll Rand" or the "Company"). The accompanying unaudited condensed consolidated financial statements have been prepared in accordance with U.S. generally accepted accounting principles ("GAAP") for interim financial reporting, the instructions for Form 10-Q and Article 10 of the U.S. Securities and Exchange Commission ("SEC") Regulation S-X. In the Company's opinion, the condensed consolidated financial statements reflect all adjustments of a normal recurring nature necessary for a fair statement of the results for the interim periods presented. The condensed consolidated financial statements should be read in conjunction with the Company's audited consolidated financial statements included in our Annual Report on Form 10-K for the year ended December 31, 2023 ("2023 Annual Report"). The results of operations for the three month period ended June 30, 2024 are not necessarily indicative of future results.Divestiture of Asbestos Liabilities and Certain AssetsOn June 10, 2024, the Company divested three wholly-owned subsidiaries that hold asbestos liabilities and certain assets, including the related insurance assets, to a third-party. The divestiture resulted in a pre-tax loss of \$5.8 million, recorded to other operating expense, net. See Note 18 Contingencies for additional details.Recently Issued Accounting PronouncementsIn November 2023, the Financial Accounting Standards Board ("FASB") issued Accounting Standard Update ("ASU") 2023-07, Segment Reporting (Topic 280): Improvements to Reportable Segment Disclosures, which improves reportable segment disclosure requirements, primarily through enhanced disclosures about significant segments expenses. The amendments in this update are effective for fiscal years beginning after December 15, 2023, and interim periods within fiscal years beginning after December 15, 2024. Early adoption is permitted. The amendments in this update should be applied retrospectively to all prior periods presented in the financial statements. Upon transition, the segment expense categories and amounts disclosed in the prior periods should be based on the significant segment expense categories identified and disclosed in the period of adoption. The adoption will modify our disclosures but is not expected to have a material effect on our consolidated financial statements.In December 2023, the FASB issued ASU 2023-09, Income Taxes (Topic 740): Improvements to Income Tax Disclosures, which addresses investor requests for more transparency about income tax information through improvements to income tax disclosures primarily related to the rate reconciliation and income taxes paid information. The amendments in this update are effective for annual periods beginning after December 15, 2024. Early adoption is permitted for annual statements that have not yet been issued or made available for issuance. The amendments in this update should be applied on a prospective basis. Retrospective application is permitted. The adoption will modify our disclosures but is not expected to have a material effect on our consolidated financial statements. X - ReferencesNo definition available. + Details Name: us-gaap_OrganizationConsolidationAndPresentationOfFinancialStatementsAbstract Namespace Prefix: us-gaap_Data Type: xbrli:stringItem Type Balance Type: na Period Type: duration X - Definition The entire disclosure for the organization, consolidation and basis of presentation of financial statements disclosure, and significant accounting policies of the reporting entity. May be provided in more than one note to the financial statements, as long as users are provided with an understanding of (1) the significant judgments and assumptions made by an enterprise in determining whether it must consolidate a VIE and/or disclose information about its involvement with a VIE, (2) the nature of restrictions on a consolidated VIE's assets reported by an enterprise in its statement of financial position, including the carrying amounts of such assets, (3) the nature of, and changes in, the risks associated with an enterprise's involvement with the VIE, and (4) how an enterprise's involvement with the VIE affects the enterprise's financial position, financial performance, and cash flows. Describes procedure if disclosures are provided in more than one note to the financial statements. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 235 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/235/tableOfContentReference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 275 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/275/tableOfContentReference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 810 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/810/tableOfContentReference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 205 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/205/tableOfContent + Details Name: us-gaap_OrganizationConsolidationAndPresentationOfFinancialStatementsDisclosureAndSignificantAccountingPoliciesTextBlock Namespace Prefix: us-gaap_Data Type: dtr-types:textBlockItem Type Balance Type: na Period Type: duration XML 20 R9.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Acquisitions 6 Months Ended Jun. 30, 2024 Business Combination, Asset Acquisition, and Joint Venture Formation [Abstract] A Acquisitions AcquisitionsAcquisitions in 2024On February 1, 2024, the Company completed the acquisition of Friulair S.r.l. ("Friulair") for initial cash consideration of \$142.2 million and contingent consideration of up to approximately \$11.0 million. The business is a manufacturer of dryers, filters, aftercoolers, and accessories for the treatment of compressed air and its chiller product line. The acquisition is intended to increase the scale of the Company's air dryer business and will add new chiller production capabilities. Friulair has been reported within the Industrial Technologies and Services segment. The goodwill arising from the acquisition is primarily attributable to revenue and cost synergies, anticipated growth of new and existing customers, and the assembled workforce. Substantially all of this goodwill is not expected to be deductible for tax purposes.On April 1, 2024, the Company completed the acquisition of Controlled Fluidics, LLC ("Controlled Fluidics") for initial cash consideration of \$49.9 million and contingent consideration of up to \$2.0 million. The business specializes in thermoplastic, high-performance plastic bonding and custom plastic assembly products for life sciences, medical, aerospace, and industrial applications. The acquisition will complement Ingersoll Rand's current life sciences offerings and increase the Company's market share in high-growth, sustainable end markets. Controlled Fluidics has been reported within the Precision and Science Technologies segment.On April 2, 2024, the Company completed the acquisition of Ethafilter s.r.l. ("Ethafilter") for cash consideration of \$15.6 million. The business primarily produces filters and filter elements that can be used with all major brands in the compressed air sector. The acquisition will expand Ingersoll Rand's product portfolio, extend its reach in highly attractive end markets with the addition of sterile filter technology, and drive ongoing growth from aftermarket services and offerings. Ethafilter has been reported within the Industrial Technologies and Services segment.On May 1, 2024, the Company completed the acquisition of Air Systems, LLC ("Air Systems") for cash consideration of \$35.2 million. The business is a provider of compressed air services. Air Systems has been reported within the Industrial Technologies and Services segment.On May 31, 2024, the Company completed the acquisition of Complete Air and Power Solutions ("CAPS") for cash consideration of \$96.7 million. The business is a provider of compressed air and power generation services. The acquisition is expected to expand the Company's channel within Australia. CAPS has been reported within the Industrial Technologies and Services segment.On May 31, 2024, the Company completed the acquisition of Fruvact Ltd. ("Fruvact Manufacturing") for cash consideration of \$28.3 million. The business is a manufacturer of mobile and truck mounted vacuum pumps, systems, and peripheral parts. The acquisition is expected to expand the Company's capabilities to include low flow applications in the mobile vacuum market. Fruvact Manufacturing has been reported within the Industrial Technologies and Services segment.On June 1, 2024, the Company completed the acquisition of Del PD Pumps & Gear Pvt Ltd. ("Del Pumps") for cash consideration of \$25.2 million. The business is a manufacturer of rotary, twin, and triple gear pumps for the loading, unloading, transfer, and pressurization of liquids. The acquisition will complement the Company's portfolio of mission critical, high margin pumping solutions across life science, food and beverage, medical, natural gas, and wastewater treatment industries. Del Pumps has been reported within the Precision and Science Technologies segment.On June 3, 2024, the Company completed the acquisition of Astronaut Topco, LP and Astronaut Topco GP, LLC (collectively "ILC Dover") for initial cash consideration of \$2,360.2 million and contingent consideration of up to \$75.0 million. ILC Dover's offerings include solutions for biopharmaceutical, pharmaceutical, and medical device markets as well as products for the space industry and will be reported in the Precision and Science Technologies segment. Based on the preliminary benchmarking valuation, the identified intangible assets consist of customer relationships, tradenames and technology. The goodwill arising from the acquisition is primarily attributable to revenue and cost synergies, anticipated growth of new and existing customers, and the assembled workforce. The majority of this goodwill is not expected to be deductible for tax purposes.Other acquisitions completed during the six months ended June 30, 2024 include a manufacturer of vacuum pumps and accessories, substantially all of which have been reported within the Industrial Technologies and Services segment. The aggregate consideration for this acquisition was \$1.3 million. The following table summarizes the allocation of consideration for all businesses acquired in 2024 to the fair values of identifiable assets acquired and liabilities assumed at the acquisition dates. Initial accounting for these acquisitions is preliminary, and amounts assigned to acquired assets and liabilities assumed are subject to change as information necessary to complete the analysis is obtained.ILC DoverFriulairAll OthersTotalAccounts receivable\$41.7 \$14.2 \$22.3 \$78.2 Inventories\$6.1 \$13.2 \$25.6 \$124.9 Other current assets\$48.8 \$0.5 \$2.8 \$52.1 Property, plant and equipment\$78.3 \$7.2 \$13.7 \$99.2 Goodwill\$1,417.0 \$61.1 \$179.9 \$1,664.0 Other intangible assets\$947.7 \$84.5 \$32.2 \$1,064.4 Other assets\$16.3 \$6.5 \$7.2 \$29.0 Total current liabilities\$(32.8) \$(11.0) \$(22.9) \$(66.7) Deferred tax liabilities\$(174.4) \$(24.2) \$(1.5) \$(200.1) Other noncurrent liabilities\$(18.5) \$(2.8) \$(5.3) \$(26.6) Total considerations\$2,410.2 \$148.7 \$252.5 \$2,811.4 The aggregate revenue and operating income included in the condensed consolidated financial statements for these acquisitions subsequent to the dates of acquisition was \$64.5 million and \$6.1 million for the three month period ended June 30, 2024, respectively, and \$75.8 million and \$6.6 million for the six month period then ended, respectively. The operating income of these acquired businesses include the effects of acquisition-related accounting adjustments such as amortization of intangible assets and fair value adjustments to acquired inventory.Acquisitions in 2023On January 3, 2023, the Company completed the acquisition of SPX FLOW's Air Treatment business ("Air Treatment") for cash consideration of \$519.0 million. The business is a manufacturer of desiccant and refrigerated dryers, filtration systems and purifiers for dehydration in compressed air. The acquisition is intended to expand the Company's offerings of compressor system components through globally recognized brands. The Air Treatment business has been reported within the Industrial Technologies and Services segment. The goodwill arising from the acquisition is primarily attributable to revenue and cost synergies, anticipated growth of new and existing customers, and the assembled workforce. Substantially all of this goodwill is not expected to be deductible for tax purposes.On February 1, 2023, the Company acquired Paragon Tank Truck Equipment ("Paragon"), a provider of solutions used for loading and unloading dry bulk and liquid tanks on and off of trucks, for cash consideration of \$42.2 million. Paragon has been reported within the Industrial Technologies and Services segment.On April 1, 2023, the Company acquired EcoPlant Technological Innovation Ltd. ("EcoPlant"), for initial cash consideration of \$29.5 million and contingent consideration of up to \$17.0 million. EcoPlant is a provider of a software-as-a-service platform that dynamically controls compressed air systems to optimize performance and resource consumption. EcoPlant has been reported within the Industrial Technologies and Services segment.On August 18, 2023, the Company completed the acquisition of Howden Roots LLC ("Roots"), for cash consideration of \$290.0 million. Roots is a leading manufacturer of engineered rotary and centrifugal blowers with an iconic brand developed over more than 160 years. The acquisition is intended to expand the Company's blower product portfolio and benefit from Roots' robust technical capabilities and exposure to growing sustainability-related applications. Roots has been reported within the Industrial Technologies and Services segment. The goodwill arising from the acquisition is primarily attributable to revenue and cost synergies, anticipated growth of new and existing customers, and the assembled workforce. This goodwill is expected to be deductible for tax purposes.The Company acquired 10 additional businesses in 2023 for aggregate consideration of \$84.0 million. These primarily consist of manufacturers and distributors of existing and adjacent offerings in the Industrial Technologies and Services segment. The following table summarizes the allocation of consideration for all businesses acquired in 2023 to the fair values of identifiable assets acquired and liabilities assumed at the acquisition dates. Initial accounting for Air Treatment is complete. Initial accounting for other acquisitions completed in 2023 is substantially complete.Air TreatmentRootsAll OthersTotalAccounts receivable\$26.1 \$14.5 \$11.7 \$52.3 Inventories\$43.9 \$34.2 \$21.0 \$99.1 Other current assets\$2.1 \$2.9 \$6.2 \$11.2 Property, plant and equipment\$18.4 \$42.0 \$5.0 \$65.4 Goodwill\$279.9 \$105.6 \$126.7 \$512.2 Other intangible assets\$238.6 \$116.9 \$25.4 \$380.9 Other assets\$7.6 \$3.1 \$0.4 \$11.1 Total current liabilities\$(35.9) \$(26.9) \$(19.5) \$(82.3) Deferred tax liabilities\$(54.8) \$(3.9) \$(58.7) Other noncurrent liabilities\$(6.9) \$(2.3) \$(4.5) \$(13.7) Total consideration\$519.0 \$290.0 \$168.5 \$977.5 The revenues included in the condensed consolidated financial statements for these acquisitions subsequent to their date of acquisition was \$110.5 million and \$60.6 million for the three month periods ended June 30, 2024 and 2023, respectively, and \$206.1 million and \$109.0 million for the six month periods then ended, respectively. The operating income included in the condensed consolidated financial statements for these acquisitions subsequent to their date of acquisition was \$16.7 million and \$3.7 million for the three month periods ended June 30, 2024 and 2023, respectively, and \$28.2 million and \$6.9 million for the six month periods then ended, respectively. The operating income of these acquired businesses include the effects of acquisition-related accounting adjustments such as amortization of intangible assets and fair value adjustments to acquired inventory. X - ReferencesNo definition available. + Details Name: us-gaap_BusinessCombinationAndAssetAcquisitionAbstract Namespace Prefix: us-gaap_Data Type: xbrli:stringItem Type Balance Type: na Period Type: duration X - Definition The entire disclosure for a business combination (or series of individually immaterial business combinations) completed during the period, including background, timing, and recognized assets and liabilities. The disclosure may include leverage buyout transactions (as applicable). + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479907/805-20-50-5Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 805 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/805/tableOfContent + Details Name: us-gaap_BusinessCombinationDisclosureTextBlock Namespace Prefix: us-gaap_Data Type: dtr-types:textBlockItem Type Balance Type: na Period Type: duration XML 21 R10.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Restructuring 6 Months Ended Jun. 30, 2024 Restructuring and Related Activities [Abstract] A Restructuring Restructuring2024 and 2023 ActionsThe Company continues to undertake restructuring actions to optimize our cost structure. Charges incurred from actions taken in 2024 and 2023 include workforce restructuring, facility consolidation and other exit and disposal costs. For the three and six month periods ended June 30, 2024 and 2023, restructuring charges, net are recognized within other operating expense, net in the Condensed Consolidated Statements of Operations and consisted of the following.For the Three Month Period Ended June 30,For the Six Month Period Ended June 30,2024202320242023Industrial Technologies and Services\$3.1 \$3.8 \$8.2 \$6.9 Precision and Science Technologies0.6 1.4 5.0 1.0 Corporate0.2 \$6.9 0.4 0.2 Restructuring charges, net\$3.9 \$5.2 \$13.6 \$8.1 The following table summarizes the activity associated with the Company's restructuring programs for the three and six month periods ended June 30, 2024 and 2023.For the Three Month Period Ended June 30,For the Six Month Period Ended June 30,2024202320242023Balance at beginning of period\$20.6 \$13.4 \$15.5 \$14.9 Charged to expense - termination benefits\$3.4 2.4 12.7 3.3 Charged to expense - other (1)0.5 1.8 0.9 2.9 Payments(8.9) (7.2) (13.2) (10.8) Currency translation adjustment and other\$0.1 0.1 (0.3) 0.2 Balance at end of period\$15.6 \$10.5 \$15.6 \$10.5 (1) Excludes \$1.0 million and \$1.9 million of non-cash charges that impacted

Company used the net proceeds of the 2034 Notes and the 2054 Notes to repay in full all indebtedness under, and terminate all commitments and discharge and release all guarantees in respect of, the Company's former Senior Secured Credit Facilities and used the remaining net proceeds of such New Notes for general corporate purposes. The Company used the net proceeds of the 2027 Notes, the 2029 Notes and the 2031 Notes to partially fund the cash consideration of the acquisition of ILC Dover, with any remaining cash consideration funded with cash on hand. The New Notes were issued pursuant to a base indenture, dated as of August 14, 2023 (the "Base Indenture"), between the Company and Deutsche Bank Trust Company Americas, as trustee (the "Trustee"), as supplemented by the third supplemental indenture (the "Supplemental Indenture") and, together with the Base Indenture, the "New Indenture") dated as of May 10, 2024, between the Company and the Trustee. The interest payment dates for the New Notes are June 15 and December 15 of each year, with interest payable in arrears. The New Notes mature on June 15 in their respective year of maturity. The New Notes are senior unsecured obligations of the Company and rank equally in right of payment with all of the Company's other senior unsecured indebtedness from time to time outstanding, senior in right of payment to all of the Company's subordinated indebtedness from time to time outstanding, and effectively junior to all of the indebtedness and other liabilities of the Company's subsidiaries from time to time outstanding and to all of the Company's secured indebtedness from time to time outstanding to the extent of the value of the assets securing such secured indebtedness. Prior to (i) May 15, 2027, in the case of the 2027 Notes, (ii) May 15, 2029, in the case of the 2029 Notes, (iii) April 15, 2031, in the case of the 2031 Notes, (iv) March 15, 2034, in the case of the 2034 Notes, and (v) December 15, 2053, in the case of the 2054 Notes, the Company may redeem the New Notes of a series at its option, in whole or in part, at any time from time to time, at a "make-whole" premium, plus accrued and unpaid interest thereon to, but not including, the redemption date. On or after (i) May 15, 2027, in the case of the 2027 Notes, (ii) May 15, 2029, in the case of the 2029 Notes, (iii) April 15, 2031, in the case of the 2031 Notes, (iv) March 15, 2034, in the case of the 2034 Notes, and (v) December 15, 2053, in the case of the 2054 Notes, the Company may redeem the New Notes of a series at its option, in whole or in part, at any time from time to time, at a price equal to 100% of the principal amount of the New Notes of such series to be redeemed, plus accrued and unpaid interest thereon to, but not including, the redemption date. Additionally, if the Company experiences certain types of change of control transactions, the Company must offer to repurchase the New Notes at 101% of the aggregate principal amount of the New Notes repurchased (or such higher amount as the Company may determine) plus accrued and unpaid interest thereon to, but not including, the date of repurchase. Former Senior Secured Credit Facilities The former Senior Secured Credit Facilities provided senior secured financing consisting of (i) a senior secured term loan facility denominated in U.S. dollars (as refinanced and otherwise modified from time to time prior to February 28, 2020, the "Original Dollar Term Loan"), (ii) a senior secured term loan facility denominated in U.S. dollars (entered into at the time of the Merger, the "Dollar Term Loan B"), and (iii) a senior secured revolving credit facility (as refinanced and otherwise modified from time to time the "Revolving Credit Facility"). The Revolving Credit Facility is available to be drawn in U.S. dollars (USD), Euros (EUR), Great British Pounds (GBP) and other reasonably accepted foreign currencies, subject to certain sublimits for the foreign currencies. On April 21, 2023, the Company entered into Amendment No. 9 to the Credit Agreement, which (a) extended the maturity date for the revolving credit commitments from June 28, 2024 to April 21, 2028, (b) increased the aggregate revolving credit commitments from \$1,100.0 million to \$2,000.0 million, and (c) made certain other corresponding changes and updates. Other than as modified by Amendment No. 9, the loans under the Credit Agreement continue to have the same terms and the parties to the Credit Agreement continue to have the same obligations set forth in the Credit Agreement. The amendment resulted in the write-off of unamortized debt issuance costs of \$0.9 million which was recognized in "Loss on extinguishment of debt" in the Condensed Consolidated Statements of Operations. In August 2023, the Company repaid a portion of the Dollar Term Loan B which resulted in the write-off of unamortized discounts and debt issuance costs of \$12.6 million, which was recognized in "Loss on extinguishment of debt" in the Condensed Consolidated Statements of Operations. In May 2024, the Company repaid the remaining portion of the Dollar Term B and Dollar Term Loan which resulted in the write-off of unamortized discounts and debt issuance costs of \$3.0 million, which was recognized in "Loss on extinguishment of debt" in the Condensed Consolidated Statements of Operations. See Note 11 "Debt" to the consolidated financial statements in the Company's 2023 Annual Report for further information on the former Senior Secured Credit Facilities. New Revolving Credit Facility On May 10, 2024, the Company entered into a credit agreement (the "New Revolving Credit Facility"), with the lenders party thereto and Citibank, N.A., as administrative agent. The New Revolving Credit Facility provides for a senior unsecured revolving facility in an aggregate committed amount of \$2,600 million, a portion of which is available for the issuance of letters of credit in U.S. dollars, EUR or GBP. The New Revolving Credit Facility will mature on May 10, 2029, subject to up to two additional one-year extensions pursuant to the terms of the New Revolving Credit Facility. Borrowings under the New Revolving Credit Facility (other than borrowings in EUR or GBP) bear interest at a rate determined, at the Company's option, based on either (i) an alternate base rate or (ii) a Term SOFR rate with a 0.10% per annum Term SOFR adjustment, plus, in each case, an applicable margin that varies depending on the credit rating of the Company. Borrowings under the New Revolving Credit Facility in EUR (if any) bear interest at a EURIBOR rate, plus, in each case, an applicable margin that varies depending on the credit rating of the Company. Borrowings under the New Revolving Credit Facility in GBP (if any) bear interest at a daily simple SONIA rate plus, in each case, an applicable margin that varies depending on the credit rating of the Company. The financial covenant in the New Revolving Credit Facility requires the Company to maintain, as of the last day of each fiscal quarter (beginning with the second fiscal quarter of 2024), a ratio of adjusted consolidated total net debt to consolidated adjusted earnings before interest, taxes, depreciation and amortization ("EBITDA") of not more than 3.50 to 1.00, provided that the Company may elect to increase such ratio to 4.00 to 1.00 following a qualified acquisition up to two times, each for a period of four fiscal quarters beginning with the quarter during which such qualified acquisition is consummated (and if the second election occurs during the first increase period, such increase will be effective for a total of eight consecutive fiscal quarters). As of June 30, 2024, the aggregate amount of commitments under the New Revolving Credit Facility was \$2,600.0 million and the capacity under the New Revolving Credit Facility to issue letters of credit was \$200.0 million. As of June 30, 2024, the Company had no outstanding borrowings under the New Revolving Credit Facility, no outstanding letters of credit under the New Revolving Credit Facility and unused availability under the New Revolving Credit Facility of \$2,600.0 million. As of June 30, 2024, we were in compliance with all covenants of our Senior Notes and New Revolving Credit Facility. Fair Value of Debt The fair value of the Company's debt instruments at June 30, 2024 was \$4.9 billion. The Company measures the fair value of its debt instruments for disclosure purposes based upon observable market prices quoted on public exchanges for similar assets. These fair value inputs are considered Level 2 within the fair value hierarchy. See Note 14, "Fair Value Measurements" for information on the fair value hierarchy. X - References No definition available. + Details Name: us-gaap_DebtDisclosureAbstract Namespace Prefix: us-gaap Data Type: xbrl:stringItem Balance Type: na Period Type: duration X - Definition The entire disclosure for information about short-term and long-term debt arrangements, which includes amounts of borrowings under each line of credit, note payable, commercial paper issue, bonds indenture, debenture issue, own-share lending arrangements and any other contractual agreement to repay funds, and about the underlying arrangements, rationale for a classification as long-term, including repayment terms, interest rates, collateral provided, restrictions on use of assets and activities, whether or not in compliance with debt covenants, and other matters important to users of the financial statements, such as the effects of refinancing and noncompliance with debt covenants. + References Reference 1:

xbrli:stringItem Balance Type: na Period Type: duration XML 41 R30.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Basis of Presentation and Recent Accounting Pronouncements (Policies) 6 Months Ended Jun. 30, 2024 Organization, Consolidation and Presentation of Financial Statements [Abstract] A Basis of Presentation Basis of Presentation Ingersoll Rand Inc. is a global provider of mission-critical flow creation products and life science and industrial solutions. The accompanying condensed consolidated financial statements include the accounts of Ingersoll Rand Inc. and its majority-owned subsidiaries (collectively referred to herein as "Ingersoll Rand" or the "Company"). The accompanying unaudited condensed consolidated financial statements have been prepared in accordance with U.S. generally accepted accounting principles ("GAAP") for interim financial reporting, the instructions for Form 10-Q and Article 10 of the U.S. Securities and Exchange Commission ("SEC") Regulation S-X. In the Company's opinion, the condensed consolidated financial statements reflect all adjustments of a normal recurring nature necessary for a fair statement of the results for the interim periods presented. The condensed consolidated financial statements should be read in conjunction with the Company's audited consolidated financial statements included in our Annual Report on Form 10-K for the year ended December 31, 2023 ("2023 Annual Report"). The results of operations for the three month period ended June 30, 2024 are not necessarily indicative of future results. Recently Issued Accounting Pronouncements Recently Issued Accounting Pronouncements In November 2023, the Financial Accounting Standards Board ("FASB") issued Accounting Standard Update ("ASU") 2023-07, Segment Reporting (Topic 280): Improvements to Reportable Segment Disclosures, which improves reportable segment disclosure requirements, primarily through enhanced disclosures about significant segments expenses. The amendments in this update are effective for fiscal years beginning after December 15, 2023, and interim periods within fiscal years beginning after December 15, 2024. Early adoption is permitted. The amendments in this update should be applied retrospectively to all prior periods presented in the financial statements. Upon transition, the segment expense categories and amounts disclosed in the prior periods should be based on the significant segment expense categories identified and disclosed in the period of adoption. The adoption will modify our disclosures but is not expected to have a material effect on our consolidated financial statements. In December 2023, the FASB issued ASU 2023-09, Income Taxes (Topic 740): Improvements to Income Tax Disclosures, which addresses investor requests for more transparency about income tax information through improvements to income tax disclosures primarily related to the rate reconciliation and income taxes paid information. The amendments in this update are effective for annual periods beginning after December 15, 2024. Early adoption is permitted for annual statements that have not yet been issued or made available for issuance. The amendments in this update should be applied on a prospective basis. Retrospective application is permitted. The adoption will modify our disclosures but is not expected to have a material effect on our consolidated financial statements. X - Definition Disclosure of accounting policy for basis of accounting, or basis of presentation, used to prepare the financial statements (for example, US Generally Accepted Accounting Principles, Other Comprehensive Basis of Accounting, IFRS). + References No definition available. + Details Name: us-gaap_BasisOfAccountingPolicyPolicyTextBlock Namespace Prefix: us-gaap_Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - Definition Disclosure of accounting policy pertaining to new accounting pronouncements that may impact the entity's financial reporting. Includes, but is not limited to, quantification of the expected or actual impact. + References No definition available. + Details Name: us-gaap_NewAccountingPronouncementsPolicyPolicyTextBlock Namespace Prefix: us-gaap_Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - References No definition available. + Details Name: us-gaap_OrganizationConsolidationAndPresentationOfFinancialStatementsAbstract Namespace Prefix: us-gaap_Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 42 R31.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Acquisitions (Tables) 6 Months Ended Jun. 30, 2024 Business Combination, Asset Acquisition, and Joint Venture Formation [Abstract] A Schedule of Recognized Identified Assets Acquired and Liabilities Assumed The following table summarizes the allocation of consideration for all businesses acquired in 2024 to the fair values of identifiable assets acquired and liabilities assumed at the acquisition dates. Initial accounting for these acquisitions is preliminary, and amounts assigned to acquired assets and liabilities assumed are subject to change as information necessary to complete the analysis is obtained. ILC Dover Friair All Others Total Accounts receivable \$41.7A \$14.2A \$22.3A \$78.2A Inventories \$86.1A \$13.2A \$25.6A \$124.9A Other current assets \$48.8A \$0.5A \$2.8A \$52.1A Property, plant and equipment \$78.3A \$11.0A \$13.7A \$99.2A Goodwill \$1,417.0A \$67.1A \$179.9A \$1,664.0A Other intangible assets \$947.7A \$84.5A \$32.2A \$1,064.4A Other assets \$16.3A \$5.7A \$22.0A Total current liabilities \$(32.8A) \$(2.9A) \$(66.7A) Deferred tax liabilities \$(174.4A) \$(24.2A) \$(1.5A) \$(200.1A) Other noncurrent liabilities \$(18.5A) \$(2.8A) \$(5.3A) \$(26.6A) Total consideration \$2,410.2A \$148.7A \$252.5A \$2,811.4A The following table summarizes the allocation of consideration for all businesses acquired in 2023 to the fair values of identifiable assets acquired and liabilities assumed at the acquisition dates. Initial accounting for Air Treatment is complete. Initial accounting for other acquisitions completed in 2023 is substantially complete. Air Treatment Roots All Others Total Accounts receivable \$26.1A \$14.5A \$11.7A \$52.3A Inventories \$43.9A \$34.2A \$21.0A \$99.1A Other current assets \$2.1A \$2.9A \$6.2A \$11.2A Property, plant and equipment \$18.4A \$2.0A \$5.0A \$25.4A Goodwill \$279.9A \$105.6A \$126.7A \$512.2A Other intangible assets \$238.6A \$116.9A \$25.4A \$380.9A Other assets \$7.6A \$3.1A \$0.4A \$11.1A Total current liabilities \$(35.9A) \$(26.9A) \$(19.5A) \$(82.3A) Deferred tax liabilities \$(54.8A) \$(3.9A) \$(58.7A) Other noncurrent liabilities \$(6.9A) \$(2.3A) \$(4.5A) \$(13.7A) Total consideration \$519.0A \$290.0A \$168.5A \$977.5A X - References No definition available. + Details Name: us-gaap_BusinessCombinationAndAssetAcquisitionAbstract Namespace Prefix: us-gaap_Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Definition Tabular disclosure of the amounts recognized as of the acquisition date for each major class of assets acquired and liabilities assumed. May include but not limited to the following: (a) acquired receivables; (b) contingencies recognized at the acquisition date; and (c) the fair value of noncontrolling interests in the acquiree. + References Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 805 -SubTopic 20 -Name Accounting Standards Codification -Paragraph 1 -Section 50 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479907/805-20-50-1 + Details Name: us-gaap_ScheduleOfRecognizedIdentifiedAssetsAcquiredAndLiabilitiesAssumedTableTextBlock Namespace Prefix: us-gaap_Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 43 R32.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Restructuring (Tables) 6 Months Ended Jun. 30, 2024 Restructuring and Related Activities [Abstract] A Schedule of Activity in Restructuring Programs For the three and six month periods ended June 30, 2024 and 2023, restructuring charges, net were recognized within other operating expense, net in the Condensed Consolidated Statements of Operations and consisted of the following. For the Three Month Period Ended June 30, For the Six Month Period Ended June 30, 2024 2023 2024 2023 Industrial Technologies and Services \$3.1A \$3.8A \$6.9A Precision and Science Technologies \$0.6A \$1.4A \$5.0A \$1.0A Corporate \$0.2A \$0.4A \$0.2A Restructuring charges, net \$3.9A \$5.2A \$13.6A \$8.1A The following table summarizes the activity associated with the Company's restructuring programs for the three and six month periods ended June 30, 2024 and 2023. For the Three Month Period Ended June 30, For the Six Month Period Ended June 30, 2024 2023 2024 2023 Balance at beginning of period \$20.6A \$13.4A \$15.5A \$14.9A Charged to expense - termination benefits \$3.4A \$2.4A \$12.7A \$3.3A Charged to expense - other (1) \$0.5A \$1.8A \$0.9A \$2.9A Payments (8.9) (7.2) (13.2) (10.8) Currency translation adjustment and other \$0.1A (0.3) \$0.2A Balance at end of period \$15.6A \$10.5A \$15.6A \$10.5A (1) Excludes \$1.0 million and \$1.9 million of non-cash charges that impacted restructuring expense but not the restructuring liabilities during the three and six month periods ended June 30, 2023, respectively. X - References No definition available. + Details Name: us-gaap_RestructuringAndRelatedActivitiesAbstract Namespace Prefix: us-gaap_Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Definition Tabular disclosure of costs incurred for restructuring including, but not limited to, exit and disposal activities, remediation, implementation, integration, asset impairment, and charges against earnings from the write-down of assets. + References Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 5.P.3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479823/420-10-S99-1 Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 5.P.4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479823/420-10-S99-2 Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 420 -SubTopic 10 -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482017/420-10-50-1 + Details Name: us-gaap_ScheduleOfRestructuringAndRelatedCostsTextBlock Namespace Prefix: us-gaap_Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 44 R33.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Allowance for Credit Losses (Tables) 6 Months Ended Jun. 30, 2024 Receivables [Abstract] A Schedule of Accounts, Notes, Loans and Financing Receivable The allowance for credit losses for the three and six month periods ended June 30, 2024 and 2023 consisted of the following. For the Three Month Period Ended June 30, For the Six Month Period Ended June 30, 2024 2023 2024 2023 Balance at beginning of period \$55.3A \$51.0A \$53.8A \$47.2A Provision charged to expense \$1.8A \$2.4A \$6.3A \$2.4A Write-offs, net of recoveries (0.6) (1.3) (0.9) (1.7) Foreign currency translation and other \$0.4A (0.7) (0.3) (0.5) Balance at end of period \$56.9A \$51.2A \$56.9A \$51.2A X - References No definition available. + Details Name: us-gaap_ReceivablesAbstract Namespace Prefix: us-gaap_Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Definition Tabular disclosure of the various types of trade accounts and notes receivable and for each the gross carrying value, allowance, and net carrying value as of the balance sheet date. Presentation is categorized by current, noncurrent and unclassified receivables. + References Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(3)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_ScheduleOfAccountsNotesLoansAndFinancingReceivableTextBlock Namespace Prefix: us-gaap_Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 45 R34.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Inventories (Tables) 6 Months Ended Jun. 30, 2024 Inventory Disclosure [Abstract] A Schedule of Inventories Inventories as of June 30, 2024 and December 31, 2023 consisted of the following. June 30, 2024 December 31, 2023 Raw materials, including parts and subassemblies \$174.7A \$590.7A Work-in-process \$129.9A \$145.1A Finished goods \$395.1A \$337.8A \$1,239.7A \$1,073.6A LIFO reserve (79.7) (72.5) Inventories \$1,160.0A \$1,001.1A X - References No definition available. + Details Name: us-gaap_InventoryDisclosureAbstract Namespace Prefix: us-gaap_Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Definition Tabular disclosure of the carrying amount as of the balance sheet date of merchandise, goods, commodities, or supplies held for future sale or to be used in manufacturing, servicing or production process. + References Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)(c)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 210 -SubTopic 10 -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483489/210-10-50-1 + Details Name: us-gaap_ScheduleOfInventoryCurrentTableTextBlock Namespace Prefix: us-gaap_Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 46 R35.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Goodwill and Other Intangible Assets (Tables) 6 Months Ended Jun. 30, 2024 Goodwill and Intangible Assets Disclosure [Abstract] A Schedule of Goodwill by Segment The changes in the carrying amount of goodwill attributable to each reportable segment for the six month period ended June 30, 2024 is presented in the table below. Industrial Technologies and Services Precision and Science Technologies Total Balance at beginning of period \$4,753.5A \$1,856.2A \$6,609.7A Acquisitions \$178.3A \$1,485.7A \$1,664.0A Foreign currency translation and other (1) (36.4) (20.2) (56.6) Balance at end of period \$4,895.4A \$3,321.7A \$8,217.1A (1) Includes measurement period adjustments Schedule of Other Intangible Assets Other intangible assets as of June 30, 2024 and December 31, 2023 consisted of the following. June 30, 2024 December 31, 2023 Gross Carrying Amount Accumulated Amortization Net Carrying Amount Gross Carrying Amount Accumulated Amortization Net Carrying Amount Amortized intangible assets Customer lists and relationships \$4,006.0A \$(1,709.8) \$2,296.2A \$3,279.3A \$(1,585.4) \$1,693.9A Technology \$27.5A \$(210.0) \$17.5A \$413.8A (178.9) \$234.9A Tradenames \$9.8A (30.0) \$29.8A \$52.2A (27.9) \$24.3A Backlog \$4.4A intangible assets Tradenames \$1,814.0A \$0.0A \$1,814.0A \$1,643.3A \$0.0A \$1,643.3A Total other intangible assets \$8,539.2A \$(2,061.0) \$6,478.2A \$5,508.7A \$(1,897.6) \$3,611.1A X - Definition Tabular disclosure of assets, excluding financial assets and goodwill, lacking physical substance that exist in perpetuity and with a finite life, by either major class or business segment. + References No definition available. + Details Name: iri_ScheduleOfIntangibleAssetsTableTextBlock Namespace Prefix: iri_Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - References No definition available. + Details Name: us-gaap_GoodwillAndIntangibleAssetsDisclosureAbstract Namespace Prefix: us-gaap_Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Definition Tabular disclosure of goodwill by reportable segment and in total which includes a rollforward schedule. + References Reference 1: http://www.xbrli.org/2003/role/exampleRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482548/350-20-55-24 Reference 2: http://www.xbrli.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1 Reference 3: http://www.xbrli.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1 Reference 4: http://www.xbrli.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1 Reference 5: http://www.xbrli.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1 Reference 6: http://www.xbrli.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1 Reference 7: http://www.xbrli.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1 Reference 8: http://www.xbrli.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1 Reference 9: http://www.xbrli.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1 Reference 10: http://www.xbrli.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1 Reference 11: http://www.xbrli.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1 Reference 12: http://www.xbrli.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-2 + Details Name: us-gaap_ScheduleOfGoodwillTextBlock Namespace Prefix: us-gaap_Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 47 R36.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Accrued Liabilities (Tables) 6 Months Ended Jun. 30, 2024 Payables and Accruals [Abstract] A Schedule of Accrued Liabilities Accrued liabilities as of June 30, 2024 and December 31, 2023 consisted of the following. June 30, 2024 December 31, 2023 Salaries, wages and related fringe benefits \$199.8A \$262.4A Contract liabilities \$324.0A \$331.2A Product warranty \$72.3A \$61.9A Operating lease liabilities \$47.1A \$41.6A Restructuring \$15.6A \$15.5A Taxes \$58.0A \$78.4A Accrued interest \$55.8A \$33.1A Other \$239.0A \$171.4A Total accrued liabilities \$1,011.6A \$995.5A Schedule of Product Warranty Liability A reconciliation of the changes in the accrued product warranty liability for the three and six month periods ended June 30, 2024 and 2023 are as follows. For the Three Month Period Ended June 30, For the Six Month Period Ended June 30, 2024 2023 2024 2023 Balance at beginning of period \$65.6A \$54.1A \$61.9A \$46.2A Product warranty accruals \$12.7A \$15.8A \$26.3A \$24.7A Acquired warranty \$0.7A \$0.7A \$1.4A Settlements (6.5) (11.0) (15.8) (14.9) Foreign currency translation and other (0.2) (1.5) (0.8) \$0.0A Balance at end of period \$72.3A \$57.4A \$72.3A \$57.4A X - References No definition available. + Details Name: us-gaap_PayablesAndAccrualsAbstract Namespace Prefix: us-gaap_Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Definition Tabular disclosure of the components of accrued liabilities. + References No definition available. + Details Name: us-gaap_ScheduleOfAccruedLiabilitiesTableTextBlock Namespace Prefix: us-gaap_Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - Definition Tabular disclosure of the changes in the guarantor's aggregate product warranty liability, including the beginning balance of the aggregate product warranty liability, the aggregate

into income were included within $\text{\$}$ Interest expense $\text{\$}$ in the Condensed Consolidated Statements of Operations. Schedule of Gains (Losses) on Derivative Instruments Not Designated as Accounting Hedges and Total Net Foreign Currency Losses The Company $\text{\$}$'s gains (losses) on derivative instruments not designated as accounting hedges and total net foreign currency gains for the three and six month periods ended June 30, 2024 and 2023 were as follows. For the Three Month Period Ended June 30, For the Six Month Period Ended June 30, 2024 2023 2024 2023 Foreign currency forward contracts gains (losses) $\text{\$}$ (2.0) $\text{\$}$ $\text{\$}$ (2.0) $\text{\$}$ 2.0 Total foreign currency transaction gains, net $\text{\$}$ 1.1 $\text{\$}$ 0.1 $\text{\$}$ X - References No definition available. + Details Name: us-gaap_DerivativeInstrumentsAndHedgingActivitiesDisclosureAbstract Namespace Prefix: us-gaap_Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Definition Tabular disclosure of gain (loss) on derivative and nonderivative instruments designated and qualifying as cash flow hedge recorded in accumulated other comprehensive income (AOI) and reclassified into earnings. + References Reference 1: [http://fasb.org/us-gaap/role/ref/legacyRef-Topic 815-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 4C-Subparagraph \(c\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480434/815-10-50-4C](http://fasb.org/us-gaap/role/ref/legacyRef-Topic 815-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 4C-Subparagraph (c)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480434/815-10-50-4C) + Details Name: us-gaap_ScheduleOfCashFlowHedgesIncludedInAccumulatedOtherComprehensiveIncomeLossTableTextBlock Namespace Prefix: us-gaap_Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - Definition Tabular disclosure of pertinent information about a derivative or group of derivatives on a disaggregated basis, such as for individual instruments, or small groups of similar instruments. May include a combination of the type of instrument, risks being hedged, notional amount, hedge designation, related hedged item, inception date, maturity date, or other relevant item. + References Reference 1: [http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification-Section 50-Paragraph 4C-Subparagraph \(c\)\(1\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480434/815-10-50-4B](http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification-Section 50-Paragraph 2-SubTopic 10-Topic 815-Publisher FASB-URI https://asc.fasb.org/1943274/2147480434/815-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification-Topic 815-SubTopic 10-Section 50-Paragraph 1A-Publisher FASB-URI https://asc.fasb.org/1943274/2147480434/815-10-50-1AReference 3: http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification-Topic 815-SubTopic 10-Section 50-Paragraph 1B-Publisher FASB-URI https://asc.fasb.org/1943274/2147480434/815-10-50-1BReference 4: http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification-Topic 815-SubTopic 10-Section 50-Paragraph 8-Publisher FASB-URI https://asc.fasb.org/1943274/2147480434/815-10-50-8Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification-Topic 815-SubTopic 10-Section 50-Paragraph 4B-Publisher FASB-URI https://asc.fasb.org/1943274/2147480434/815-10-50-4BReference 6: http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification-Topic 815-SubTopic 10-Section 50-Paragraph 1-Publisher FASB-URI https://asc.fasb.org/1943274/2147480434/815-10-50-1Reference 7: http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification-Topic 815-SubTopic 10-Section 50-Paragraph 4-Publisher FASB-URI https://asc.fasb.org/1943274/2147480434/815-10-50-4Reference 8: http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification-Topic 815-SubTopic 10-Section 50-Paragraph 5-Publisher FASB-URI https://asc.fasb.org/1943274/2147480434/815-10-50-5Reference 9: http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification-Topic 815-SubTopic 10-Section 50-Paragraph 4C-Publisher FASB-URI https://asc.fasb.org/1943274/2147480434/815-10-50-4C) + Details Name: us-gaap_ScheduleOfForeignExchangeContractsStatementOfFinancialPositionTableTextBlock Namespace Prefix: us-gaap_Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - Definition Tabular disclosure of the effective portion of gains and losses on derivative instruments (and nonderivative instruments) designated and qualifying in net investment hedges recorded in accumulated other comprehensive income (loss) during the term of the hedging relationship and reclassified into earnings during the current period. + References Reference 1: <http://www.xbrl.org/2009/role/commonPracticeRef-Topic 815-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 4CCC-Publisher FASB-URI https://asc.fasb.org/1943274/2147480434/815-10-50-4CCC> + Details Name: us-gaap_ScheduleOfNetInvestmentHedgesInAccumulatedOtherComprehensiveIncomeLossTableTextBlock Namespace Prefix: us-gaap_Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 53 R42.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Fair Value Measurements (Tables) 6 Months Ended Jun. 30, 2024 Fair Value Disclosures [Abstract] A Schedule of Fair Value, Assets and Liabilities Measured on Recurring Basis The following tables summarize the Company $\text{\$}$'s financial assets and liabilities measured at fair value on a recurring basis as of June 30, 2024 and December 31, 2023. June 30, 2024 Level 1 Level 2 Level 3 Total Financial Assets Trading securities held in deferred compensation plan (1) $\text{\$}$ 19.1A $\text{\$}$ $\text{\$}$ 19.1A Interest rate swaps (2) $\text{\$}$ 7.0A $\text{\$}$ 7.0A $\text{\$}$ 7.0A Cross-currency interest rate swaps (3) $\text{\$}$ 11.2A $\text{\$}$ 11.2A $\text{\$}$ 11.2A Foreign currency forwards (4) $\text{\$}$ 1.4A $\text{\$}$ 1.4A $\text{\$}$ 1.4A Total $\text{\$}$ 19.1A $\text{\$}$ 18.2A $\text{\$}$ 37.3A Financial Liabilities Deferred compensation plans (1) $\text{\$}$ 26.5A $\text{\$}$ $\text{\$}$ 26.5A Interest rate swaps (2) $\text{\$}$ 7.0A $\text{\$}$ 7.0A $\text{\$}$ 7.0A Cross-currency interest rate swaps (3) $\text{\$}$ 11.2A $\text{\$}$ 11.2A $\text{\$}$ 11.2A Contingent consideration (5) $\text{\$}$ 1.4A $\text{\$}$ 98.7A $\text{\$}$ 98.7A Foreign currency forwards (4) $\text{\$}$ 1.4A $\text{\$}$ 1.4A $\text{\$}$ 1.4A Total $\text{\$}$ 26.5A $\text{\$}$ 111.7A $\text{\$}$ 98.7A $\text{\$}$ 136.9A December 31, 2023 Level 1 Level 2 Level 3 Total Financial Assets Trading securities held in deferred compensation plan (1) $\text{\$}$ 16.8A $\text{\$}$ $\text{\$}$ 16.8A Interest rate swaps (2) $\text{\$}$ 9.4A $\text{\$}$ 9.4A $\text{\$}$ 9.4A Cross-currency interest rate swaps (3) $\text{\$}$ 15.7A $\text{\$}$ 15.7A $\text{\$}$ 15.7A Total $\text{\$}$ 16.8A $\text{\$}$ 25.1A $\text{\$}$ $\text{\$}$ 41.9A Financial Liabilities Deferred compensation plan (1) $\text{\$}$ 24.7A $\text{\$}$ $\text{\$}$ 24.7A Cross-currency interest rate swaps (3) $\text{\$}$ 63.1A $\text{\$}$ 63.1A $\text{\$}$ 63.1A Contingent consideration (5) $\text{\$}$ 42.2A $\text{\$}$ 42.2A $\text{\$}$ 42.2A Total $\text{\$}$ 24.7A $\text{\$}$ 63.1A $\text{\$}$ 42.2A $\text{\$}$ 130.0A (1) Based on the quoted price of publicly traded mutual funds and other equity securities which are classified as trading securities and accounted for using the mark-to-market method. (2) Measured as the present value of all expected future cash flows based on the SOFR-based swap yield curves as of the end of the period. The present value calculation uses discount rates that have been adjusted to reflect the credit quality of the Company and its counterparties. (3) Measured as the present value of all expected future cash flows on each leg of the contracts. The model utilizes inputs of observable market data including interest yield curves and foreign currency exchange rates. The present value calculation uses cross-currency basis-adjusted discount factors that have been adjusted to reflect the credit quality of the Company and its counterparties. (4) Based on calculations that use readily observable market parameters as their basis, such as spot and forward rates. (5) Measured as the present value of expected consideration payable for completed acquisitions, generally derived using probability-weighted analysis of achieving projected revenue or EBITDA targets. Schedule of Reconciliation of Contingent Consideration The following table provides a reconciliation of the activity for contingent consideration for the three and six month periods ended June 30, 2024 and 2023. For the Three Month Period Ended June 30, For the Six Month Period Ended June 30, 2024 2023 2024 2023 Balance at beginning of the period $\text{\$}$ 48.4A $\text{\$}$ 48.4A $\text{\$}$ 44.2A $\text{\$}$ 43.9A Acquisitions $\text{\$}$ 50.2A $\text{\$}$ 12.8A $\text{\$}$ 56.7A $\text{\$}$ 12.8A Changes in fair value $\text{\$}$ 0.3A $\text{\$}$ 4.1A $\text{\$}$ 0.5A $\text{\$}$ 8.4A Payments (0.2) $\text{\$}$ (3.1) $\text{\$}$ (0.2) $\text{\$}$ (3.1) Foreign currency translation $\text{\$}$ 0.4A $\text{\$}$ (0.5) $\text{\$}$ 0.5A Balance at end of the period $\text{\$}$ 98.7A $\text{\$}$ 62.5A $\text{\$}$ 98.7A $\text{\$}$ 62.5A X - References No definition available. + Details Name: us-gaap_FairValueDisclosuresAbstract Namespace Prefix: us-gaap_Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Definition Tabular disclosure of the fair value measurement of liabilities using significant unobservable inputs (Level 3), a reconciliation of the beginning and ending balances, separately presenting changes attributable to the following: (1) total gains or losses for the period (realized and unrealized), segregating those gains or losses included in earnings (or changes in net assets), and gains or losses recognized in other comprehensive income (loss) and a description of where those gains or losses included in earnings (or changes in net assets) are reported in the statement of income (or activities); (2) purchases, sales, issues, and settlements (each type disclosed separately); and (3) transfers in and transfers out of Level 3 (for example, transfers due to changes in the observability of significant inputs) by class of liability. + References Reference 1: [http://www.xbrl.org/2003/role/disclosureRef-Topic 820-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 3-Subparagraph \(b\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147482106/820-10-50-3Reference 2: http://www.xbrl.org/2003/role/disclosureRef-Topic 820-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 2-Subparagraph \(d\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef-Topic 820-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 2-Subparagraph \(c\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147482106/820-10-50-2](http://www.xbrl.org/2003/role/disclosureRef-Topic 820-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 3-Subparagraph (b)-Publisher FASB-URI https://asc.fasb.org/1943274/2147482106/820-10-50-3Reference 2: http://www.xbrl.org/2003/role/disclosureRef-Topic 820-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 2-Subparagraph (d)-Publisher FASB-URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef-Topic 820-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 2-Subparagraph (c)-Publisher FASB-URI https://asc.fasb.org/1943274/2147482106/820-10-50-2) + Details Name: us-gaap_FairValueLiabilitiesMeasuredOnRecurringBasisUnobservableInputReconciliationTextBlock Namespace Prefix: us-gaap_Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - Definition Tabular disclosure of assets and liabilities, including [financial] instruments measured at fair value that are classified in stockholders' equity, if any, that are measured at fair value on a recurring basis. The disclosures contemplated herein include the fair value measurements at the reporting date by the level within the fair value hierarchy in which the fair value measurements in their entirety fall, segregating fair value measurements using quoted prices in active markets for identical assets (Level 1), significant other observable inputs (Level 2), and significant unobservable inputs (Level 3). + References Reference 1: [http://www.xbrl.org/2009/role/commonPracticeRef-Topic 820-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 2-Subparagraph \(a\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147482106/820-10-50-2](http://www.xbrl.org/2009/role/commonPracticeRef-Topic 820-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 2-Subparagraph (b)-Publisher FASB-URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef-Topic 820-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 2-Subparagraph (a)-Publisher FASB-URI https://asc.fasb.org/1943274/2147482106/820-10-50-2) + Details Name: us-gaap_ScheduleOfFairValueAssetsAndLiabilitiesMeasuredOnRecurringBasisTableTextBlock Namespace Prefix: us-gaap_Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 54 R43.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Revenue from Contracts with Customers (Tables) 6 Months Ended Jun. 30, 2024 Revenue from Contract with Customer [Abstract] A Schedule of Disaggregation of Revenue by Segment The following tables provide disaggregated revenue by reportable segment for the three and six month periods ended June 30, 2024 and 2023. Industrial Technologies and Services Precision and Science Technologies Total Three Month Period Ended June 30, 2024 2023 2024 2023 Primary Geographic Markets United States $\text{\$}$ 626.2A $\text{\$}$ 556.8A $\text{\$}$ 158.3A $\text{\$}$ 140.8A $\text{\$}$ 784.5A $\text{\$}$ 697.6A Other Americas $\text{\$}$ 109.6A $\text{\$}$ 88.0A $\text{\$}$ 17.8A $\text{\$}$ 127.4A $\text{\$}$ 95.1A Total Americas $\text{\$}$ 735.8A $\text{\$}$ 644.8A $\text{\$}$ 176.1A $\text{\$}$ 147.9A $\text{\$}$ 911.9A $\text{\$}$ 792.7A EMEA $\text{\$}$ 461.2A $\text{\$}$ 428.5A $\text{\$}$ 119.9A $\text{\$}$ 113.9A $\text{\$}$ 581.1A $\text{\$}$ 542.4A Asia Pacific $\text{\$}$ 269.5A $\text{\$}$ 305.1A $\text{\$}$ 42.8A $\text{\$}$ 46.3A $\text{\$}$ 312.3A $\text{\$}$ 351.4A Total $\text{\$}$ 1,466.5A $\text{\$}$ 1,378.4A $\text{\$}$ 338.8A $\text{\$}$ 308.1A $\text{\$}$ 1,805.3A $\text{\$}$ 1,686.5A Product Categories Original equipment (1) $\text{\$}$ 897.6A $\text{\$}$ 843.2A $\text{\$}$ 265.2A $\text{\$}$ 244.5A $\text{\$}$ 1,162.8A $\text{\$}$ 1,087.7A Aftermarket (2) $\text{\$}$ 568.9A $\text{\$}$ 535.2A $\text{\$}$ 73.6A $\text{\$}$ 63.6A $\text{\$}$ 642.5A $\text{\$}$ 598.8A Total $\text{\$}$ 1,466.5A $\text{\$}$ 1,378.4A $\text{\$}$ 338.8A $\text{\$}$ 308.1A $\text{\$}$ 1,805.3A $\text{\$}$ 1,686.5A of Revenue Recognition Revenue recognized at point in time (3) $\text{\$}$ 1,334.2A $\text{\$}$ 1,266.2A $\text{\$}$ 337.0A $\text{\$}$ 306.1A $\text{\$}$ 1,671.2A $\text{\$}$ 1,572.3A Revenue recognized over time (4) $\text{\$}$ 132.3A $\text{\$}$ 112.2A $\text{\$}$ 1.8A $\text{\$}$ 2.0A $\text{\$}$ 134.1A $\text{\$}$ 114.2A Total $\text{\$}$ 1,466.5A $\text{\$}$ 1,378.4A $\text{\$}$ 338.8A $\text{\$}$ 308.1A $\text{\$}$ 1,805.3A $\text{\$}$ 1,686.5A Industrial Technologies and Services Precision and Science Technologies Total Six Month Period Ended June 30, 2024 2023 2024 2023 Primary Geographic Markets United States $\text{\$}$ 1,223.3A $\text{\$}$ 1,108.0A $\text{\$}$ 295.4A $\text{\$}$ 285.0A $\text{\$}$ 1,518.7A $\text{\$}$ 1,393.0A Other Americas $\text{\$}$ 222.3A $\text{\$}$ 178.9A $\text{\$}$ 25.9A $\text{\$}$ 14.4A $\text{\$}$ 248.2A $\text{\$}$ 193.3A Total Americas $\text{\$}$ 1,445.6A $\text{\$}$ 1,286.9A $\text{\$}$ 321.3A $\text{\$}$ 299.4A $\text{\$}$ 1,766.9A $\text{\$}$ 1,586.3A EMEA $\text{\$}$ 906.6A $\text{\$}$ 854.5A $\text{\$}$ 233.6A $\text{\$}$ 227.3A $\text{\$}$ 1,140.2A $\text{\$}$ 1,081.8A Asia Pacific $\text{\$}$ 487.7A $\text{\$}$ 524.2A $\text{\$}$ 80.6A $\text{\$}$ 93.5A $\text{\$}$ 568.3A $\text{\$}$ 647.7A Total $\text{\$}$ 2,639.9A $\text{\$}$ 2,695.6A $\text{\$}$ 635.5A $\text{\$}$ 620.2A $\text{\$}$ 3,475.4A $\text{\$}$ 3,315.8A Product Categories Original equipment (1) $\text{\$}$ 1,754.7A $\text{\$}$ 1,633.3A $\text{\$}$ 490.2A $\text{\$}$ 489.8A $\text{\$}$ 2,214.9A $\text{\$}$ 2,123.1A Aftermarket (2) $\text{\$}$ 1,115.2A $\text{\$}$ 1,062.3A $\text{\$}$ 145.3A $\text{\$}$ 130.4A $\text{\$}$ 1,260.5A $\text{\$}$ 1,192.7A Total $\text{\$}$ 2,839.9A $\text{\$}$ 2,695.6A $\text{\$}$ 635.5A $\text{\$}$ 620.2A $\text{\$}$ 3,475.4A of Revenue Recognition Revenue recognized at point in time (3) $\text{\$}$ 2,578.6A $\text{\$}$ 2,486.7A $\text{\$}$ 632.5A $\text{\$}$ 617.3A $\text{\$}$ 3,211.1A $\text{\$}$ 3,104.0A Revenue recognized over time (4) $\text{\$}$ 261.3A $\text{\$}$ 208.9A $\text{\$}$ 3.0A $\text{\$}$ 2.9A $\text{\$}$ 264.3A $\text{\$}$ 211.8A Total $\text{\$}$ 2,839.9A $\text{\$}$ 2,695.6A $\text{\$}$ 635.5A $\text{\$}$ 620.2A $\text{\$}$ 3,475.4A $\text{\$}$ 3,315.8A Revenues from sales of capital equipment within the Industrial Technologies and Services segment and sales of components to original equipment manufacturers in the Precision and Science Technologies segment. (2) Revenues from sales of spare parts, accessories, other components and services in support of maintaining customer owned, installed base of the Company $\text{\$}$'s original equipment. Service revenue represents less than 10% of consolidated revenue. (3) Revenues from short and long duration product and service contracts recognized at a point in time when control is transferred to the customer generally when product delivery has occurred and services have been rendered. (4) Revenues primarily from long duration ETO product contracts, certain multi-year service contracts, and certain contracts for the delivery of a significant volume of substantially similar products recognized over time as contractual performance obligations are completed. Schedule of Contract Balances The following table provides the contract balances as of June 30, 2024 and December 31, 2023 presented in the Condensed Consolidated Balance Sheets. June 30, 2024 December 31, 2023 Accounts receivable, net $\text{\$}$ 1,301.4A $\text{\$}$ 1,234.2A Contract assets $\text{\$}$ 124.1A $\text{\$}$ 85.6A Contract liabilities - current $\text{\$}$ 324.0A $\text{\$}$ 331.2A Contract liabilities - noncurrent $\text{\$}$ 0.9A $\text{\$}$ 1.0A X - Definition Tabular disclosure of receivable, contract asset, and contract liability from contract with customer. Includes, but is not limited to, change in contract asset and contract liability. + References Reference 1: <http://www.xbrl.org/2009/role/commonPracticeRef-Topic 606-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 10-Publisher FASB-URI https://asc.fasb.org/1943274/2147479806/606-10-50-10> + Details Name: us-gaap_ContractWithCustomerAssetAndLiabilityTableTextBlock Namespace Prefix: us-gaap_Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - Definition Tabular disclosure of disaggregation of revenue into categories depicting how nature, amount, timing, and uncertainty of revenue and cash flows are affected by economic factor. + References Reference 1: <http://www.xbrl.org/2009/role/commonPracticeRef-Topic 606-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 5-Publisher FASB-URI https://asc.fasb.org/1943274/2147479806/606-10-50-5> + Details Name: us-gaap_DisaggregationOfRevenueTableTextBlock Namespace Prefix: us-gaap_Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - References No definition available. + Details Name: us-gaap_RevenueFromContractWithCustomerAbstract Namespace Prefix: us-gaap_Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 55 R44.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Income Taxes (Tables) 6 Months Ended Jun. 30, 2024 Income Tax Disclosure [Abstract] A Schedule of Provision for Income Taxes and Effective Income Tax Rate The following table summarizes the Company $\text{\$}$'s provision for income taxes and effective income tax provision rate for the three and six month periods ended June 30, 2024 and 2023. For the Three Month Period Ended June 30, For the Six Month Period Ended June 30, 2024 2023 2024 2023 Income before income taxes $\text{\$}$ 236.1A $\text{\$}$ 238.9A $\text{\$}$ 505.7A $\text{\$}$ 449.9A Provision for income taxes $\text{\$}$ 46.1A $\text{\$}$ 60.5A $\text{\$}$ 100.5A $\text{\$}$ 108.6A Effective income tax provision rate \% 19.5 \% 25.3 \% 19.9 \% 24.1 \% X - References No definition available. + Details Name: us-gaap_IncomeTaxDisclosureAbstract Namespace Prefix: us-gaap_Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Definition Tabular disclosure of the reconciliation using percentage or dollar amounts of the reported amount of income tax expense attributable to continuing operations for the year to the amount of income tax expense that would result from applying domestic federal statutory tax rates to pretax income from continuing operations. + References Reference 1: [http://www.xbrl.org/2003/role/disclosureRef-Topic 740-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 12A-Publisher FASB-URI https://asc.fasb.org/1943274/2147482685/740-10-50-12AReference 3: http://www.xbrl.org/2009/role/commonPracticeRef-Topic 740-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 12-Publisher FASB-URI https://asc.fasb.org/1943274/2147482685/740-10-50-12](http://www.xbrl.org/2003/role/exampleRef-Topic 740-SubTopic 10-Name Accounting Standards Codification-Section 55-Paragraph 231-Publisher FASB-URI https://asc.fasb.org/1943274/2147482663/740-10-55-231Reference 2: http://www.xbrl.org/2003/role/disclosureRef-Topic 740-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 12A-Publisher FASB-URI https://asc.fasb.org/1943274/2147482685/740-10-50-12AReference 3: http://www.xbrl.org/2009/role/commonPracticeRef-Topic 740-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 12-Publisher FASB-URI https://asc.fasb.org/1943274/2147482685/740-10-50-12) + Details Name: us-gaap_ScheduleOfEffectiveIncomeTaxRateReconciliationTableTextBlock Namespace Prefix: us-gaap_Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 56 R45.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Other Operating Expense, Net (Tables) 6 Months Ended Jun. 30, 2024 Other Income and Expenses [Abstract] A Schedule of Other Operating Expense, Net The components of $\text{\$}$ Other operating expense, net $\text{\$}$ for the three and six month periods ended June 30, 2024 and 2023 were as follows. For the Three Month Period Ended June 30, For the Six Month Period Ended June 30, 2024 2023 2024 2023 Foreign currency transaction gains, net $\text{\$}$ (1.1) $\text{\$}$ (0.7) $\text{\$}$ (0.1) Restructuring charges, net (1) $\text{\$}$ 3.9A $\text{\$}$ 5.2A $\text{\$}$ 13.6A $\text{\$}$ 8.1A Acquisition and other transaction related expenses (2) $\text{\$}$ 25.9A $\text{\$}$ 12.8A $\text{\$}$ 1.4A $\text{\$}$ 28.0A Loss on asbestos sale (3) $\text{\$}$ 58.8A $\text{\$}$ 58.8A $\text{\$}$ 58.8A $\text{\$}$ 58.8A Other, net (0.4) $\text{\$}$ 2.9A $\text{\$}$ 0.5A $\text{\$}$ 4.2A Total other operating expense, net $\text{\$}$ 88.2A $\text{\$}$ 119.8A $\text{\$}$ 113.4A $\text{\$}$ 40.2A (1) See Note 3 $\text{\$}$ Restructuring. (2) Represents costs associated with successful and abandoned acquisitions, including third-party expenses and post-closure integration costs. (3) See Note 18 $\text{\$}$ Contingent consideration. $\text{\$}$ X - References No definition available. + Details Name: us-gaap_OtherIncomeAndExpensesAbstract Namespace

gaap_SeriesOfIndividuallyImmaterialBusinessAcquisitionsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_BusinessAcquisitionAxis=iri AcquisitionsIn2023Member Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_BusinessAcquisitionAxis=iri SPXFLOWsAirTreatmentMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_BusinessAcquisitionAxis=iri HowdenRoilsLLCMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 63 R52.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Restructuring - Schedule of Restructuring Charges (Details) - USD (\$) in Millions 3 Months Ended 6 Months Ended Jun. 30, 2024 Jun. 30, 2023 Jun. 30, 2024 Jun. 30, 2023 Restructuring Cost and Reserve [Line Items] A A A Restructuring charges 3.9 \$ 5.2 \$ 13.6 \$ 8.1 Restructuring Program 2020 A A A Restructuring Cost and Reserve [Line Items] A A A Restructuring charges 3.1 3.8 8.2 6.9 Restructuring Program 2020 | Precision and Science Technologies A A A Restructuring Cost and Reserve [Line Items] A A A Restructuring charges 0.6 \$ 1.4 \$ 5.0 \$ 1.0 X - DefinitionAmount of expenses associated with exit or disposal activities pursuant to an authorized plan. Excludes expenses related to a discontinued operation or an asset retirement obligation. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef> -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482740/230-10-45-28>Reference 2: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 5.P.4.b.1) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479823/420-10-S99-1> + Details Name: us-gaap_RestructuringCharges Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 5.P.4.d) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479823/420-10-S99-2>Reference 2: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 5.P.4.b.1) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479823/420-10-S99-2>Reference 3: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 5.P.4.b.2) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479823/420-10-S99-2>Reference 4: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482017/420-10-50-1>Reference 5: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482017/420-10-50-1>Reference 6: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(1) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482017/420-10-50-1>Reference 7: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (d) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482017/420-10-50-1> + Details Name: us-gaap_RestructuringCostAndReserveLineItems Namespace Prefix: us-gaap Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_RestructuringPlanAxis=iri RestructuringPrograms2020Member Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_ConsolidationItemsAxis=us-gaap_CorporateNonSegmentMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_StatementBusinessSegmentsAxis=iri IndustrialTechnologiesAndServicesSegmentMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_StatementBusinessSegmentsAxis=iri PrecisionAndScienceTechnologiesSegmentMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 64 R53.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Restructuring - Schedule of Activity in Restructuring Programs (Details) - USD (\$) in Millions 3 Months Ended 6 Months Ended Jun. 30, 2024 Jun. 30, 2023 Jun. 30, 2024 Jun. 30, 2023 Restructuring Reserve [Roll Forward] A A A Balance at beginning of period \$ 20.6 \$ 13.4 \$ 15.5 \$ 14.9 Charged to expense - termination benefits 3.4 2.4 12.7 3.3 Charged to expense - other 0.5 1.8 0.9 2.9 Payments (8.9) (7.2) (13.2) (10.8) Currency translation adjustment and other 0.0 0.1 (0.3) 0.2 Balance at end of period \$ 15.6 10.5 \$ 15.6 10.5 Restructuring Program 2020 | Other Operating Expense, Net A A A Restructuring Reserve [Roll Forward] A A A Non-cash charges A \$ 1.0 A \$ 1.9 X - DefinitionRestructuring Reserve Non Cash Write Offs + ReferencesNo definition available. + Details Name: iri_RestructuringReserveNonCashWriteOffs Namespace Prefix: iri Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of other expenses associated with exit or disposal activities pursuant to an authorized plan. Excludes expenses associated with a discontinued operation or an asset retirement obligation. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef> -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482740/230-10-45-28> + Details Name: us-gaap_OtherRestructuringCosts Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of cash payments made as the result of exit or disposal activities. Excludes payments associated with a discontinued operation or an asset retirement obligation. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482017/420-10-50-1>Reference 2: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 17 -Subparagraph (f) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482740/230-10-45-17> + Details Name: us-gaap_PaymentsForRestructuring Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionCarrying amount (including both current and noncurrent portions of the accrual) as of the balance sheet date pertaining to a specified type of cost associated with exit from or disposal of business activities or restructuring pursuant to a duly authorized plan. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 5.P.4.b.2) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479823/420-10-S99-2>Reference 2: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482017/420-10-50-1> + Details Name: us-gaap_RestructuringReserve Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionA roll forward is a reconciliation of a concept from the beginning of a period to the end of a period. + ReferencesNo definition available. + Details Name: us-gaap_RestructuringReserveRollForward Namespace Prefix: us-gaap Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of increase (decrease) in the restructuring reserve related to foreign currency translation (gain) loss and other increases (decreases). + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 5.P.4.b.2) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479823/420-10-S99-2>Reference 2: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482017/420-10-50-1> + Details Name: us-gaap_RestructuringReserveTranslationAndOtherAdjustment Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of expenses for special or contractual termination benefits provided to current employees involuntarily terminated under a benefit arrangement associated exit or disposal activities pursuant to an authorized plan. Excludes expenses related to one-time termination benefits, a discontinued operation or an asset retirement obligation. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef> -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482740/230-10-45-28> + Details Name: us-gaap_SeveranceCosts1 Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - Details Name: us-gaap_RestructuringPlanAxis=iri RestructuringPrograms2020Member Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_IncomeStatementLocationAxis=us-gaap_OtherOperatingIncomeExpenseMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 65 R54.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Allowance for Credit Losses (Details) - USD (\$) in Millions 3 Months Ended 6 Months Ended Jun. 30, 2024 Jun. 30, 2024 Jun. 30, 2024 Jun. 30, 2023 Accounts Receivable, Allowance for Credit Loss [Roll Forward] A A A Balance at beginning of period \$ 55.3 \$ 51.0 \$ 53.8 \$ 47.2 Provision charged to expense 1.8 2.2 4.3 6.2 Write-offs, net of recoveries (0.6) (1.3) (0.9) (1.7) Foreign currency translation and other 0.4 (0.7) (0.3) (0.5) Balance at end of period \$ 56.9 \$ 51.2 \$ 56.9 \$ 51.2 X - DefinitionAccounts Receivable, Allowance for Credit Loss, Foreign Currency Translation and Other + ReferencesNo definition available. + Details Name: iri_AccountsReceivableAllowanceForCreditLossForeignCurrencyTranslationAndOther Namespace Prefix: iri Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of allowance for credit loss on accounts receivable. + ReferencesReference 1: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(5)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478777/944-210-S99-1>Reference 2: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(4)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1>Reference 3: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 326 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479344/326-20-45-1>Reference 4: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481962/310-10-50-4>Reference 5: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 326 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Subparagraph (b) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479319/326-20-50-13>Reference 6: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 326 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Subparagraph (f) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479319/326-20-50-13> + Details Name: us-gaap-AllowanceForDoubtfulAccountsReceivable Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionA roll forward is a reconciliation of a concept from the beginning of a period to the end of a period. + ReferencesNo definition available. + Details Name: us-gaap-AllowanceForDoubtfulAccountsReceivableRollforward Namespace Prefix: us-gaap Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of direct write-downs of accounts receivable charged against the allowance. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 326 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Subparagraph (d) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479319/326-20-50-13> + Details Name: us-gaap-AllowanceForDoubtfulAccountsReceivableWriteOffs Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of expense (reversal of expense) for expected credit loss on accounts receivable. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 326 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Subparagraph (b) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479319/326-20-50-13>Reference 2: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(5)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483621/220-10-S99-2> + Details Name: us-gaap_ProvisionForDoubtfulAccounts Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration XML 66 R55.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Inventories (Details) - USD (\$) in Millions Jun. 30, 2024 Dec. 31, 2023 Inventory, Net [Abstract] A A Raw materials, including parts and subassemblies \$ 714.7 \$ 590.7 Work-in-process 129.9 145.1 Finished goods 395.1 337.8 Gross inventories 1,239.7 1,073.6 LIFO reserve (79.7) (72.5) Inventories \$ 1,160.0 \$ 1,001.1 X - DefinitionAmount before valuation and LIFO reserves of completed merchandise or goods expected to be sold within one year or operating cycle, if longer. + ReferencesReference 1: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)(a)(1)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1> + Details Name: us-gaap_InventoryFinishedGoods Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionGross amount, as of the balance sheet date, of merchandise, goods, commodities, or supplies held for future sale or to be used in manufacturing, servicing or production process. + ReferencesReference 1: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1> + Details Name: us-gaap_InventoryGross Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount by which inventory stated at last-in first-out (LIFO) is less than (in excess of) inventory stated at other inventory cost methods. + ReferencesReference 1: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)(c)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1> + Details Name: us-gaap_InventoryLIFOReserve Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount after valuation and LIFO reserves of inventory expected to be sold, or consumed within one year or operating cycle, if longer. + ReferencesReference 1: <http://www.xbrl.org/2003/role/exampleRef> -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481372/852-10-55-10>Reference 2: <http://www.xbrl.org/2003/role/exampleRef> -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483467/210-10-45-1>Reference 3: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1> + Details Name: us-gaap_InventoryNet Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_InventoryNetAbstract Namespace Prefix: us-gaap Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount before valuation and LIFO reserves of raw materials expected to be sold, or consumed within one year or operating cycle, if longer. + ReferencesReference 1: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)(a)(4)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1> + Details Name: us-gaap_InventoryRawMaterials Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount before valuation and LIFO reserves of merchandise or goods in the production process expected to be completed within one year or operating cycle, if longer. + ReferencesReference 1: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)(a)(3)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1> + Details Name: us-gaap_InventoryWorkInProcess Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant XML 67 R56.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Goodwill and Other Intangible Assets - Schedule of Goodwill by Segment (Details) \$ in Millions 6 Months Ended Jun. 30, 2024 USD (\$) Goodwill [Roll Forward] A Balance at beginning of period \$ 6,609.7 Acquisitions 1,664.0 Foreign currency translation and other (56.6) Balance at end of period 8,217.1 Industrial Technologies and Services A Goodwill [Roll Forward] A Balance at beginning of period 4,753.5 Acquisitions 178.3 Foreign currency translation and other (36.4) Balance at end of period 4,895.4 Precision and Science Technologies A Goodwill [Roll Forward] A Balance at beginning of period 1,856.2 Acquisitions 1,485.7 Foreign currency translation and other (20.2) Balance at end of period \$ 3,321.7 X - DefinitionAmount, after accumulated impairment loss, of asset representing future economic benefit arising from other asset acquired in business combination or from joint venture formation or both, that is not individually identified and separately recognized. + ReferencesReference 1: <http://www.xbrl.org/2003/role/exampleRef> -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 49 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482785/280-10-55-49>Reference 2: <http://www.xbrl.org/2003/role/exampleRef> -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 24 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482548/350-20-55-24>Reference 3: <http://www.xbrl.org/2003/role/exampleRef> -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 100 -Subparagraph (d) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482078/820-10-55-100>Reference 4:

http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(15)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482598/350-20-45-1Reference 7: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 8: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(10)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1 + Details Name: us-gaap_Goodwill Namespace Prefix: us-gaap_Data Type: xbrl:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of increase in asset representing future economic benefits arising from other assets acquired in a business combination that are not individually identified and separately recognized resulting from a business combination. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482548/350-20-55-24Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1 + Details Name: us-gaap_Goodwill Namespace Prefix: us-gaap_Data Type: xbrl:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionA roll forward is a reconciliation of a concept from the beginning of a period to the end of a period. + ReferencesNo definition available. + Details Name: us-gaap_GoodwillRollForward Namespace Prefix: us-gaap_Data Type: xbrl:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of increase (decrease) from foreign currency translation and measurement period adjustments of asset representing future economic benefit arising from other asset acquired in business combination or from joint venture formation or both, that is not individually identified and separately recognized. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 25 -Paragraph 16 -SubTopic 10 -Topic 805 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479405/805-10-25-16 + Details Name: us-gaap_GoodwillTranslationAndPurchaseAccountingAdjustments Namespace Prefix: us-gaap_Data Type: xbrl:monetaryItemType Balance Type: debit Period Type: duration X - Details Name: us-gaap_StatementBusinessSegmentsAxis=iri_IndustrialTechnologiesAndServicesSegmentMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_StatementBusinessSegmentsAxis=iri_PrecisionAndScienceTechnologiesSegmentMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 68 R57.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Goodwill and Other Intangible Assets - Narrative (Details) - USD (\$) in Millions Jun. 30, 2024 Dec. 31, 2023 Industrial Technologies and Services 4 A Goodwill, Impaired, Accumulated Impairment Loss [Abstract] A Accumulated impairment on goodwill \$ 220.6 \$ 220.6 X - DefinitionAmount of accumulated impairment loss for asset representing future economic benefit arising from other asset acquired in business combination or from joint venture formation or both, that is not individually identified and separately recognized. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482548/350-20-55-24Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1 + Details Name: us-gaap_GoodwillImpairedAccumulatedImpairmentLoss Namespace Prefix: us-gaap_Data Type: xbrl:monetaryItemType Balance Type: credit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_GoodwillImpairedAccumulatedImpairmentLossAbstract Namespace Prefix: us-gaap_Data Type: xbrl:stringItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_StatementBusinessSegmentsAxis=iri_IndustrialTechnologiesAndServicesSegmentMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 69 R58.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Goodwill and Other Intangible Assets - Schedule of Other Intangible Assets (Details) - USD (\$) in Millions Jun. 30, 2024 Dec. 31, 2023 Amortized intangible assets A Accumulated Amortization \$ (2,061.0) \$ (1,897.6) Intangible Assets, Net (Excluding Goodwill) [Abstract] A Gross Carrying Amount 6,539.2 5,508.7 Accumulated Amortization (2,061.0) (1,897.6) Net Carrying Amount 4,478.2 3,611.1 Tradenames A Unamortized intangible assets A Carrying amount 1,814.0 1,643.3 Customer lists and relationships A Amortized intangible assets A Gross Carrying Amount 4,006.0 3,279.3 Accumulated Amortization (1,709.8) (1,585.4) Net Carrying Amount 2,296.2 1,693.9 Intangible Assets, Net (Excluding Goodwill) [Abstract] A Accumulated Amortization (1,709.8) (1,585.4) Technology A Amortized intangible assets A Gross Carrying Amount 527.5 413.8 Accumulated Amortization (210.0) (178.9) Net Carrying Amount 317.5 234.9 Intangible Assets, Net (Excluding Goodwill) [Abstract] A Accumulated Amortization (210.0) (178.9) Tradenames A Amortized intangible assets A Gross Carrying Amount 59.8 52.2 Accumulated Amortization (30.0) (27.9) Net Carrying Amount 29.8 24.3 Intangible Assets, Net (Excluding Goodwill) [Abstract] A Accumulated Amortization (30.0) (27.9) Backlog A Amortized intangible assets A Gross Carrying Amount 4.4 3.0 Accumulated Amortization (3.0) (1.3) Net Carrying Amount 1.4 1.7 Intangible Assets, Net (Excluding Goodwill) [Abstract] A Accumulated Amortization (3.0) (1.3) Other A Amortized intangible assets A Gross Carrying Amount 127.5 117.1 Accumulated Amortization (108.2) (104.1) Net Carrying Amount 19.3 13.0 Intangible Assets, Net (Excluding Goodwill) [Abstract] A Accumulated Amortization \$ (108.2) \$ (104.1) X - DefinitionAccumulated amount of amortization of assets, excluding financial assets and goodwill, lacking physical substance with a finite life. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482640/350-30-55-40Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 10 -Name Accounting Standards Codification -Section S45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480265/350-10-S45-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(16)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_FiniteLivedIntangibleAssetsAccumulatedAmortization Namespace Prefix: us-gaap_Data Type: xbrl:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount before amortization of assets, excluding financial assets and goodwill, lacking physical substance with a finite life. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482640/350-30-55-40Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 10 -Name Accounting Standards Codification -Section S45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480265/350-10-S45-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 928 -SubTopic 340 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478859/928-340-50-1 + Details Name: us-gaap_FiniteLivedIntangibleAssetsGross Namespace Prefix: us-gaap_Data Type: xbrl:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount after amortization of assets, excluding financial assets and goodwill, lacking physical substance with a finite life. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 926 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483154/926-20-50-5 + Details Name: us-gaap_FiniteLivedIntangibleAssetsNet Namespace Prefix: us-gaap_Data Type: xbrl:monetaryItemType Balance Type: debit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_FiniteLivedIntangibleAssetsNetAbstract Namespace Prefix: us-gaap_Data Type: xbrl:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount before accumulated amortization of intangible assets, excluding goodwill. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(15)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_IntangibleAssetsGrossExcludingGoodwill Namespace Prefix: us-gaap_Data Type: xbrl:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionSum of the carrying amounts of all intangible assets, excluding goodwill, as of the balance sheet date, net of accumulated amortization and impairment charges. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482686/350-30-45-1 + Details Name: us-gaap_IntangibleAssetsNetExcludingGoodwill Namespace Prefix: us-gaap_Data Type: xbrl:monetaryItemType Balance Type: debit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_IntangibleAssetsNetExcludingGoodwillAbstract Namespace Prefix: us-gaap_Data Type: xbrl:stringItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_IndefiniteLivedIntangibleAssetsByMajorClassAxis=us-gaap_TradeNamesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FiniteLivedIntangibleAssetsByMajorClassAxis=us-gaap_CustomerRelatedIntangibleAssetsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FiniteLivedIntangibleAssetsByMajorClassAxis=us-gaap_TechnologyBasedIntangibleAssetsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FiniteLivedIntangibleAssetsByMajorClassAxis=us-gaap_TradeNamesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FiniteLivedIntangibleAssetsByMajorClassAxis=us-gaap_OrderOrProductionBacklogMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FiniteLivedIntangibleAssetsByMajorClassAxis=us-gaap_OtherIntangibleAssetsMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 70 R59.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Supply Chain Finance Program (Details) - USD (\$) in Millions Jun. 30, 2024 Dec. 31, 2023 Payables and Accruals [Abstract] A Supplier finance program, obligation \$ 26.1 \$ 24.3 X - ReferencesNo definition available. + Details Name: us-gaap_PayablesAndAccrualsAbstract Namespace Prefix: us-gaap_Data Type: xbrl:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of obligation for supplier finance program, classified as current. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 405 -SubTopic 50 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (b)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479468/405-50-3Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 405 -SubTopic 50 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479468/405-50-4 + Details Name: us-gaap_SupplierFinanceProgramObligationCurrent Namespace Prefix: us-gaap_Data Type: xbrl:monetaryItemType Balance Type: credit Period Type: instant XML 71 R60.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Accrued Liabilities - Schedule of Accrued Liabilities (Details) - USD (\$) in Millions Jun. 30, 2024 Mar. 31, 2023 Dec. 31, 2023 Mar. 31, 2023 Dec. 31, 2022 Accrued Liabilities [Abstract] A A Salaries, wages and related fringe benefits 199.8 A 262.4 A A Contract liabilities 324.0 A 331.2 A A Product warranty 72.3 A 65.6 61.9 A 57.4 A 54.1 A 46.2 Operating lease liabilities 47.1 A 41.6 A A Restructuring 15.6 A 15.5 A A Taxes 58.0 A 78.4 A A Accrued interest 55.8 A 33.1 A A Other 239.0 A 171.4 A A Total accrued liabilities \$ 1,011.6 A \$ 995.5 A A Operating lease, liability, current, statement of financial position Total accrued liabilities A Total accrued liabilities A A X - ReferencesNo definition available. + Details Name: us-gaap_AccountsPayableAndAccruedLiabilitiesCurrentAbstract Namespace Prefix: us-gaap_Data Type: xbrl:stringItemType Balance Type: na Period Type: duration X - DefinitionCarrying value as of the balance sheet date of obligations incurred and payable, pertaining to costs that are statutory in nature, are incurred on contractual obligations, or accumulate over time and for which invoices have not yet been received or will not be rendered. Examples include taxes, interest, rent and utilities. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer). + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_AccruedLiabilitiesCurrent Namespace Prefix: us-gaap_Data Type: xbrl:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of obligation to transfer good or service to customer for which consideration has been received or is receivable, classified as current. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479837/606-10-45-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-8Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479837/606-10-45-2 + Details Name: us-gaap_ContractWithCustomerLiabilityCurrent Namespace Prefix: us-gaap_Data Type: xbrl:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionTotal of the carrying values as of the balance sheet date of obligations incurred through that date and payable for obligations related to services received from employees, such as accrued salaries and bonuses, payroll taxes and fringe benefits. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer). + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_EmployeeRelatedLiabilitiesCurrent Namespace Prefix: us-gaap_Data Type: xbrl:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionCarrying value as of the balance sheet date of [accrued] interest payable on all forms of debt, including trade payables, that has been incurred and is unpaid. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer). + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_InterestPayableCurrent Namespace Prefix: us-gaap_Data Type: xbrl:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionPresent value of lessee's discounted obligation for lease payments from operating lease, classified as current. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-1 + Details Name: us-gaap_OperatingLeaseLiabilityCurrent Namespace Prefix: us-gaap_Data Type: xbrl:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionIndicates line item in statement of financial position that includes current operating lease liability. + ReferencesReference 1:

Period Type: X - Details Name: us-gaap_RetirementPlanSponsorLocationAxis=us-gaap_ForeignPlanMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_RetirementPlanTypeAxis=us-gaap_OtherPostretirementBenefitPlanDefinedBenefitMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 74 R63.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Debt - Schedule of Debt (Details) - USD (\$) in Millions Jun. 30, 2024 May 10, 2024 Dec. 31, 2023 Debt [Abstract] A A Short-term borrowings \$ 3.1 A \$ 1.0 Long-term debt: A A A Finance leases and other long-term debt 14.6 A 15.2 Swap valuation adjustments 0.0 A 0.0 Unamortized debt issuance costs (50.7) A (23.4) Total long-term debt, net, including current maturities 4,752.3 A 2,722.6 Current maturities of long-term debt 1.4 A 29.6 Total long-term debt, net 4,750.9 A 2,693.0 Unamortized discounts 11.6 A 9.9 Dollar Term Loan B, due A 2027 A A A Long-term debt: A A A Long-term debt, gross \$ 0.0 A 347.7 Weighted-average interest rate of debt instrument (as percent) 7.18% A A Dollar Term Loan, Due 2027 A A A Long-term debt: A A A Long-term debt, gross \$ 0.0 A 892.3 Weighted-average interest rate of debt instrument (as percent) 7.18% A A 5.197% Senior Notes Due 2027 | Senior Notes A A A Long-term debt: A A A Long-term debt, gross \$ 699.9 A \$ 0.0 Stated interest rate of debt instrument (as percent) 5.197% 5.197% 5.197% 5.40% Senior Notes due 2028 | Senior Notes A A A Long-term debt: A A A Long-term debt, gross \$ 498.4 A \$ 498.2 Stated interest rate of debt instrument (as percent) 5.40% A 5.40% 5.176% Senior Notes Due 2029 | Senior Notes A A A Long-term debt: A A A Long-term debt, gross \$ 750.0 A \$ 0.0 Stated interest rate of debt instrument (as percent) 5.176% 5.176% 5.176% 5.314% Senior Notes Due 2031 | Senior Notes A A A Long-term debt: A A A Long-term debt, gross \$ 500.0 A \$ 0.0 Stated interest rate of debt instrument (as percent) 5.314% 5.314% 5.314% 5.70% Senior Notes due 2033 | Senior Notes A A A Long-term debt: A A A Long-term debt, gross \$ 993.0 A \$ 992.6 Stated interest rate of debt instrument (as percent) 5.70% A 5.70% 5.450% Senior Notes Due 2034 | Senior Notes A A A Long-term debt: A A A Long-term debt, gross \$ 749.5 A \$ 0.0 Stated interest rate of debt instrument (as percent) 5.45% 5.45% 5.700% Senior Notes Due 2054 | Senior Notes A A A Long-term debt: A A A Long-term debt, gross \$ 597.6 A \$ 0.0 Stated interest rate of debt instrument (as percent) 5.70% 5.70% 5.70% X - DefinitionDerivative Liability, Valuation Adjustment + ReferencesNo definition available. + Details Name: iri_DerivativeLiabilityValuationAdjustment Namespace Prefix: iri Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionFinance Lease, Liability And Other Long-Term Debt + ReferencesNo definition available. + Details Name: iri_FinanceLeaseLiabilityAndOtherLongTermDebt Namespace Prefix: iri Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount, before unamortized (discount) premium and debt issuance costs, of long-term debt. Includes, but is not limited to, notes payable, bonds payable, commercial loans, mortgage loans, convertible debt, subordinated debt and other types of debt. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(22)) -SubTopic 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(16)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (b)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-4 + Details Name: us-gaap_DebtInstrumentCarryingAmount Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionContractual interest rate for funds borrowed, under the debt agreement. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(22))(a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1B + Details Name: us-gaap_DebtInstrumentInterestRateStatedPercentage Namespace Prefix: us-gaap Data Type: dtr-types:percentItem Type Balance Type: na Period Type: instant X - DefinitionAmount, after accumulated amortization, of debt discount. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Publisher FASB -URI https://asc.fasb.org/1943274/2147482925/835-30-45-1AReference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482925/835-30-45-2Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482900/835-30-50-1Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1D -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1D + Details Name: us-gaap_DebtInstrumentUnamortizedDiscount Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionWeighted average interest rate of debt outstanding. + ReferencesNo definition available. + Details Name: us-gaap_DebtWeightedAverageInterestRate Namespace Prefix: us-gaap Data Type: dtr-types:percentItem Type Balance Type: na Period Type: instant X - DefinitionAmount, after accumulated amortization, of debt issuance costs. Includes, but is not limited to, legal, accounting, underwriting, printing, and registration costs. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Publisher FASB -URI https://asc.fasb.org/1943274/2147482925/835-30-45-1AReference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482925/835-30-45-2Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482900/835-30-50-1Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1D -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1D + Details Name: us-gaap_DeferredFinanceCostsNet Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of long-term debt and lease obligation, classified as noncurrent. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(22)) -SubTopic 10 -Topic 210 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(16)(a)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1 + Details Name: us-gaap_LongTermDebtAndCapitalLeaseObligations Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of long-term debt and lease obligation, classified as current. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_LongTermDebtAndCapitalLeaseObligationsCurrent Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of long-term debt and lease obligation, including portion classified as current. + ReferencesNo definition available. + Details Name: us-gaap_LongTermDebtAndCapitalLeaseObligationsIncludingCurrentMaturities Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_LongTermDebtAndCapitalLeaseObligationsIncludingCurrentMaturitiesAbstract Namespace Prefix: us-gaap Data Type: xbrli:stringItem Type Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_LongtermDebtCurrentAndNoncurrentAbstract Namespace Prefix: us-gaap Data Type: xbrli:stringItem Type Balance Type: na Period Type: duration X - DefinitionReflects the total carrying amount as of the balance sheet date of debt having initial terms less than one year or the normal operating cycle, if longer. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(19)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(13)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1Reference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(16)(a)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1 + Details Name: us-gaap_ShortTermBorrowings Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - Details Name: us-gaap_DebtInstrumentAxis=iri_TermLoanDenominatedInUSDollarsDue2027Member Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DebtInstrumentAxis=iri_A5.197SeniorNotesDue2027Member Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_SeniorNotesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DebtInstrumentAxis=iri_A5400SeniorNotesDue2028Member Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DebtInstrumentAxis=iri_A5700SeniorNotesDue2033Member Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DebtInstrumentAxis=iri_A5450SeniorNotesDue2034Member Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DebtInstrumentAxis=iri_A5.700SeniorNotesDue2054Member Namespace Prefix: Data Type: na Balance Type: Period Type: XML 75 R64.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Debt - Narrative (Details) 1 Months Ended 6 Months Ended May 10, 2024 USD (\$) extensionOption May 31, 2024 USD (\$) Aug. 31, 2023 USD (\$) Jun. 30, 2024 USD (\$) Dec. 31, 2023 Apr. 21, 2023 USD (\$) Apr. 20, 2023 USD (\$) Debt Instrument [Line Items] A A A A Fair value of debt A A A \$ 4,900,000,000 A A A Revolving Credit Facility A A A A Debt Instrument [Line Items] A A A A Unused borrowing capacity A A A \$ 2,000,000,000 A A A 1,100,000,000 A A A Unamortized debt issuance costs A A A 900,000 A A A Dollar Term Loan B, due A 2027 A A A A Debt Instrument [Line Items] A A A A Unamortized debt issuance costs \$ 3,000,000 A A A New Revolving Credit Facility A A A A Debt Instrument [Line Items] A A A A Letters of credit outstanding A A A 0 A A New Revolving Credit Facility | Revolving Credit Facility A A A A Debt Instrument [Line Items] A A A A Unused borrowing capacity A A A 2,600,000,000 A A A Line of credit facility, maximum borrowing capacity \$ 2,600,000,000 A A A 2,600,000,000 A A A Debt instrument, extension options | extensionOption 2 A A A A Debt instrument, extension term 1 year A A A A Basis spread on variable rate (as a percent) 0.10% A A A A Debt instrument, covenant, adjusted consolidated total net debt to consolidated adjusted ebitda ratio, maximum 3.50 A A A A Debt instrument, covenant, following a qualified acquisition, adjusted consolidated total net debt to consolidated adjusted ebitda ratio, maximum 4.00 A A A A Outstanding borrowings A A A 0 A A New Revolving Credit Facility | Letter of Credit A A A A Debt Instrument [Line Items] A A A A Line of credit facility, maximum borrowing capacity A A A 200,000,000 A A A Senior Notes A A A A Debt Instrument [Line Items] A A A A Aggregate principal amount \$ 3,300,000,000 A A A A Debt Instrument | Debt Instrument, Redemption, Period One A A A A Debt Instrument [Line Items] A A A A Redemption price, percentage 100.00% A A A A Senior Notes | Debt Instrument, Redemption, Period Two A A A A Debt Instrument [Line Items] A A A A Redemption price, percentage 101.00% A A A A Senior Notes | 5.197% Senior Notes Due 2027 A A A A Debt Instrument [Line Items] A A A A Aggregate principal amount \$ 700,000,000 A A A A Stated interest rate of debt instrument (as percent) 5.197% A A A 5.197% A A A Senior Notes | 5.176% Senior Notes Due 2029 A A A A Debt Instrument [Line Items] A A A A Aggregate principal amount \$ 750,000,000 A A A A Stated interest rate of debt instrument (as percent) 5.176% A A A 5.176% A A A Senior Notes Due 2031 A A A A Debt Instrument [Line Items] A A A A Aggregate principal amount \$ 500,000,000 A A A A Stated interest rate of debt instrument (as percent) 5.314% A A A 5.314% A A A Senior Notes | 5.450% Senior Notes Due 2034 A A A A Debt Instrument [Line Items] A A A A Aggregate principal amount \$ 750,000,000 A A A A Stated interest rate of debt instrument (as percent) 5.45% A A A 5.45% A A A Senior Notes | 5.700% Senior Notes Due 2054 A A A A Debt Instrument [Line Items] A A A A Aggregate principal amount \$ 600,000,000 A A A A Stated interest rate of debt instrument (as percent) 5.70% A A A 5.70% A A A X - DefinitionDebt Instrument, Covenant, Adjusted Consolidated Total Net Debt To Consolidated Adjusted EBITDA Ratio, Maximum + ReferencesNo definition available. + Details Name: iri_DebtInstrumentCovenantAdjustedConsolidatedTotalNetDebtToConsolidatedAdjustedEBITDARatioMaximum Namespace Prefix: iri Data Type: xbrli:pureItem Type Balance Type: na Period Type: duration X - DefinitionDebt Instrument, Covenant, Following A Qualified Acquisition, Adjusted Consolidated Total Net Debt To Consolidated Adjusted EBITDA Ratio, Maximum + ReferencesNo definition available. + Details Name: iri_DebtInstrumentCovenantFollowingAQualifiedAcquisitionAdjustedConsolidatedTotalNetDebtToConsolidatedAdjustedEBITDARatioMaximum Namespace Prefix: iri Data Type: xbrli:pureItem Type Balance Type: na Period Type: duration X - DefinitionDebt Instrument, Extension Options + ReferencesNo definition available. + Details Name: iri_DebtInstrumentExtensionOptions Namespace Prefix: iri Data Type: xbrli:integerItem Type Balance Type: na Period Type: duration X - DefinitionDebt Instrument, Extension Term + ReferencesNo definition available. + Details Name: iri_DebtInstrumentExtensionTerm Namespace Prefix: iri Data Type: xbrli:durationItem Type Balance Type: na Period Type: duration X - DefinitionPercentage points added to the reference rate to compute the variable rate on the debt instrument. + ReferencesNo definition available. + Details Name: us-gaap_DebtInstrumentBasisSpreadOnVariableRate1 Namespace Prefix: us-gaap Data Type: dtr-types:percentItem Type Balance Type: na Period Type: duration X - DefinitionFace (par) amount of debt instrument at time of issuance. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482949/835-30-55-8Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69B -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69BReference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69C -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69CReference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482900/835-30-50-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482925/835-30-45-2 + Details Name: us-gaap_DebtInstrumentFaceAmount Namespace Prefix: us-gaap Data Type: xbrli:monetaryItem Type Balance Type: credit Period Type: instant X - DefinitionFair value portion of debt instrument payable, including, but not limited to, notes payable and loans payable. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2E -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2EReference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 6: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69B -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69BReference 7: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69C -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69CReference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name

Accounting Standards Codification -Section 50 -Paragraph 1D -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1DReference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-10 + Details Name: us-gaap DebtInstrumentFairValue Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionContractual interest rate for funds borrowed, under the debt agreement. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(2)(a)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1B + Details Name: us-gaap DebtInstrumentInterestRateStatedPercentage Namespace Prefix: us-gaap Data Type: dtr-types:percentItemType Balance Type: na Period Type: instant X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482949/835-30-55-8Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(f)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.12-04(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-3Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 5: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69B -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69BReference 6: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69C -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69CReference 7: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69E -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69EReference 8: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69F -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69FReference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 11: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1D -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1DReference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1D -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1DReference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1D -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1DReference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1E -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1EReference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1E -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1EReference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1E -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1EReference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1F -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1FReference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1F -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1FReference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1F -Subparagraph (b)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1FReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1F -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1FReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1I -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1IReference 26: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482925/835-30-45-2Reference 27: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482900/835-30-50-1 + Details Name: us-gaap DebtInstrumentLineItems Namespace Prefix: us-gaap Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionPercentage price of original principal amount of debt at which debt can be redeemed by the issuer. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 470 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477334/942-470-50-3 + Details Name: us-gaap DebtInstrumentRedemptionPricePercentage Namespace Prefix: us-gaap Data Type: dtr-types:percentItemType Balance Type: na Period Type: duration X - DefinitionAmount of unused borrowing capacity under the long-term financing arrangement that is available to the entity as of the balance sheet date. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481544/470-10-50-6Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(2)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap LineOfCreditFacilityMaximumBorrowingCapacity Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount, after deduction of unamortized premium (discount) and debt issuance cost, of long-term debt. Excludes lease obligation. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(2)) -SubTopic 10 -Topic 210 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482949/835-30-55-8Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(16)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69B -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69BReference 5: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69C -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69CReference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1D -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1DReference 7: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(16)(a)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (b)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-4 + Details Name: us-gaap LongTermDebt Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionWrite-off of amounts previously capitalized as debt issuance cost in an extinguishment of debt. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2 + Details Name: us-gaap WriteOffDeferredDebtIssuanceCost Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - Details Name: us-gaap DebtInstrumentAxis=us-gaap RevolvingCreditFacilityMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap DebtInstrumentAxis=iri TermLoanBdenominatedInUSDollarsDue2027Member Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap DebtInstrumentAxis=iri A5.176SeniorNotesDue2029Member Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap DebtInstrumentAxis=iri A5.314SeniorNotesDue2031Member Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap DebtInstrumentAxis=iri A5.450SeniorNotesDue2034Member Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap DebtInstrumentAxis=iri A5.700SeniorNotesDue2054Member Namespace Prefix: Data Type: na Balance Type: Period Type: XML 76 R65.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Stock-Based Compensation Plans - Narrative (Details) - USD (\$) / shares in Units, \$ in Millions 3 Months Ended 6 Months Ended Jun. 30, 2024 Mar. 31, 2024 Jun. 30, 2023 Sep. 30, 2022 Jun. 30, 2024 Jun. 30, 2023 Share-based Compensation Arrangement by Share-based Payment Award [Line Items] A A A A A A A A A A Unrecognized compensation expense \$ 131.5 A A A \$ 131.5 A A A Grant date and recognized in compensation expense over (in year) A A A 4 years 3 months 18 days A A A Continuing Operations A A A A A A Share-based Compensation Arrangement by Share-based Payment Award [Line Items] A A A A A A Share-based payment arrangement, expense \$ 14.5 A A \$ 11.9 A A \$ 28.6 A A 24.0 Stock Options A A A A A A Share-based Compensation Arrangement by Share-based Payment Award [Line Items] A A A A A A Issuance of common stock for stock-based compensation plans (in shares) A A A 300,000 A A A Award expiration period (in years) A A A 10 years A A Stock Options | Minimum A A A A A A Share-based Compensation Arrangement by Share-based Payment Award [Line Items] A A A A A A Award vesting/performance period (in years) A A A 4 years A A Stock Options | Maximum A A A A A A Share-based Compensation Arrangement by Share-based Payment Award [Line Items] A A A A A A Award vesting/performance period (in years) A A A 5 years A A Performance Share Units A A A A A A Share-based Compensation Arrangement by Share-based Payment Award [Line Items] A A A A A A Award vesting/performance period (in years) A A A 3 years A A 5 years A A Volume-weighted average closing (in days) A A A 60 days A A Closing price per share (in usd per share) A A A \$ 81.85 A A X - DefinitionShare-Based Compensation Arrangement by Share-based Payment Award, Closing Price Period + ReferencesNo definition available. + Details Name: iri ShareBasedCompensationArrangementByShareBasedPaymentAwardClosingPricePeriod Namespace Prefix: iri Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - DefinitionAmount of expense for award under share-based payment arrangement. Excludes amount capitalized. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 14.F) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479830/718-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (h)(1)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap AllocatedShareBasedCompensationExpense Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of cost not yet recognized for nonvested award under share-based payment arrangement. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap EmployeeServiceShareBasedCompensationNonvestedAwardsTotalCompensationCostNotYetRecognized Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionWeighted-average period over which cost not yet recognized is expected to be recognized for award under share-based payment arrangement, in 'PnYnMnDtnHnMnS' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and thirteen days. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap EmployeeServiceShareBasedCompensationNonvestedAwardsTotalCompensationCostNotYetRecognizedPeriodForRecognition1 Namespace Prefix: us-gaap Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - DefinitionPeriod over which grantee's right to exercise award under share-based payment arrangement is no longer contingent on satisfaction of service or performance condition, in 'PnYnMnDtnHnMnS' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and thirteen days. Includes, but is not limited to, combination of market, performance or service condition. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap ShareBasedCompensationArrangementByShareBasedPaymentAwardAwardVestingPeriod1 Namespace Prefix: us-gaap Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - DefinitionAgreed-upon price for the exchange of the underlying asset relating to the share-based payment award. + ReferencesNo definition available. + Details Name: us-gaap ShareBasedCompensationArrangementByShareBasedPaymentAwardFairValueAssumptionsExercisePrice Namespace Prefix: us-gaap Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -

maximum (as a percent) 4.30% 4.10% Assumed volatility, minimum (as a percent) 35.10% 36.40% Assumed volatility, maximum (as a percent) 35.20% 36.60% Expected dividend rate (as a percent) 0.10% 0.10% Minimum Δ Share-based Compensation Arrangement by Share-based Payment Award, Fair Value Assumptions and Methodology [Abstract] Δ Expected life of options (in years) 6 years 3 months 18 days 6 years 3 months 18 days Maximum Δ Share-based Compensation Arrangement by Share-based Payment Award, Fair Value Assumptions and Methodology [Abstract] Δ Expected life of options (in years) 7 years 6 months 7 years 6 months X - ReferencesNo definition available. + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardFairValueAssumptionsAndMethodologyAbstract Namespace Prefix: us-gaap_Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe estimated dividend rate (a percentage of the share price) to be paid (expected dividends) to holders of the underlying shares over the option's term. + ReferencesReference 1: [\(http://www.xbrl.org/2003/role/disclosureRef-Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph \(f\)\(2\)\)](http://www.xbrl.org/2003/role/disclosureRef-Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (f)(2)) (iii) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480429/718-10-50-2> + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardFairValueAssumptionsExpectedDividendRate Namespace Prefix: us-gaap_Data Type: dtr-types:percentItemType Balance Type: na Period Type: duration X - DefinitionThe estimated measure of the maximum percentage by which a share price is expected to fluctuate during a period. Volatility also may be defined as a probability-weighted measure of the dispersion of returns about the mean. The volatility of a share price is the standard deviation of the continuously compounded rates of return on the share over a specified period. That is the same as the standard deviation of the differences in the natural logarithms of the stock prices plus dividends, if any, over the period. + ReferencesNo definition available. + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardFairValueAssumptionsExpectedVolatilityRateMaximum Namespace Prefix: us-gaap_Data Type: dtr-types:percentItemType Balance Type: na Period Type: duration X - DefinitionThe estimated measure of the minimum percentage by which a share price is expected to fluctuate during a period. Volatility also may be defined as a probability-weighted measure of the dispersion of returns about the mean. The volatility of a share price is the standard deviation of the continuously compounded rates of return on the share over a specified period. That is the same as the standard deviation of the differences in the natural logarithms of the stock prices plus dividends, if any, over the period. + ReferencesNo definition available. + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardFairValueAssumptionsExpectedVolatilityRateMinimum Namespace Prefix: us-gaap_Data Type: dtr-types:percentItemType Balance Type: na Period Type: duration X - DefinitionThe maximum risk-free interest rate assumption that is used in valuing an option on its own shares. + ReferencesNo definition available. + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardFairValueAssumptionsRiskFreeInterestRateMaximum Namespace Prefix: us-gaap_Data Type: dtr-types:percentItemType Balance Type: na Period Type: duration X - DefinitionThe minimum risk-free interest rate assumption that is used in valuing an option on its own shares. + ReferencesNo definition available. + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardFairValueAssumptionsRiskFreeInterestRateMinimum Namespace Prefix: us-gaap_Data Type: dtr-types:percentItemType Balance Type: na Period Type: duration X - DefinitionExpected term of award under share-based payment arrangement, in 'PnYmNdTnHnMnS' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and thirteen days. + ReferencesReference 1: [http://www.xbrl.org/2003/role/disclosureRef-Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph \(f\)\(2\)\(i\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2](http://www.xbrl.org/2003/role/disclosureRef-Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (f)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2) + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardFairValueAssumptionsExpectedTerm1 Namespace Prefix: us-gaap_Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_AwardTypeAxis=us-gaap_EmployeeStockOptionMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_RangeAxis=srt_MinimumMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_RangeAxis=srt_MaximumMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 79 R68.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Stock-Based Compensation Plans - Schedule of Restricted Stock Unit Awards (Details) - Restricted Stock Units shares in Thousands Ended Jun. 30, 2024 \$ / shares shares Restricted Stock Unit Awards Shares Δ Balance at beginning of period (in shares) | shares 957 Granted (in shares) | shares 321 Vested (in shares) | shares (397) Forfeited (in shares) | shares (43) Balance at end of period (in shares) | shares 838 Weighted-Average Grant-Date Fair Value Δ Balance at beginning of period (in usd per share) | \$ / shares \$ 52.18 Granted (in usd per share) | \$ / shares 89.86 Vested (in usd per share) | \$ / shares 47.64 Forfeited (in usd per share) | \$ / shares 62.10 Balance at end of period (in usd per share) | \$ / shares \$ 68.24 X - DefinitionThe number of equity-based payment instruments, excluding stock (or unit) options, that were forfeited during the reporting period. + ReferencesReference 1: [http://www.xbrl.org/2003/role/disclosureRef-Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph \(c\)\(2\)\(iii\)\(03\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2](http://www.xbrl.org/2003/role/disclosureRef-Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(03) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2) + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsForfeitedInPeriod Namespace Prefix: us-gaap_Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionWeighted average fair value as of the grant date of equity-based award plans other than stock (unit) option plans that were not exercised or put into effect as a result of the occurrence of a terminating event. + ReferencesReference 1: [http://www.xbrl.org/2003/role/disclosureRef-Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph \(c\)\(2\)\(iii\)\(03\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2](http://www.xbrl.org/2003/role/disclosureRef-Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(03) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2) + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsForfeitedInPeriod Namespace Prefix: us-gaap_Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionThe number of grants made during the period on other than stock (or unit) option plans (for example, phantom stock or unit plan, stock or unit appreciation rights plan, performance target plan). + ReferencesReference 1: [http://www.xbrl.org/2003/role/disclosureRef-Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph \(c\)\(2\)\(iii\)\(01\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2](http://www.xbrl.org/2003/role/disclosureRef-Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(01) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2) + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriod Namespace Prefix: us-gaap_Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionThe weighted average fair value at grant date for nonvested equity-based awards issued during the period on other than stock (or unit) option plans (for example, phantom stock or unit plan, stock or unit appreciation rights plan, performance target plan). + ReferencesReference 1: [http://www.xbrl.org/2003/role/disclosureRef-Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph \(c\)\(2\)\(iii\)\(01\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2](http://www.xbrl.org/2003/role/disclosureRef-Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(01) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2) + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriodWeightedAverageGrantDateFairValue Namespace Prefix: us-gaap_Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionThe number of non-vested equity-based payment instruments, excluding stock (or unit) options, that validly exist and are outstanding as of the balance sheet date. + ReferencesReference 1: [http://www.xbrl.org/2003/role/disclosureRef-Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph \(c\)\(2\)\(i\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2](http://www.xbrl.org/2003/role/disclosureRef-Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2) + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedNumber Namespace Prefix: us-gaap_Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionA roll forward is a reconciliation of a concept from the beginning of a period to the end of a period. + ReferencesNo definition available. + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedRollForward Namespace Prefix: us-gaap_Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionPer share or unit weighted-average fair value of nonvested award under share-based payment arrangement. Excludes share and unit options. + ReferencesReference 1: [http://www.xbrl.org/2003/role/disclosureRef-Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph \(c\)\(2\)\(i\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2](http://www.xbrl.org/2003/role/disclosureRef-Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2) + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedRollForward Namespace Prefix: us-gaap_Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - DefinitionThe number of grants made during the period on other than stock (or unit) option plans (for example, phantom stock or unit plan, stock or unit appreciation rights plan, performance target plan). + ReferencesReference 1: [http://www.xbrl.org/2003/role/disclosureRef-Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph \(c\)\(2\)\(iii\)\(02\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2](http://www.xbrl.org/2003/role/disclosureRef-Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(02) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2) + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedRollForward Namespace Prefix: us-gaap_Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_AwardTypeAxis=us-gaap_RestrictedStockUnitsRSUMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 80 R69.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Stock-Based Compensation Plans - Schedule of Performance Share Unit Activity (Details) - Performance Share Units shares in Thousands 6 Months Ended Jun. 30, 2024 \$ / shares shares Performance Share Unit Awards Shares Δ Balance at beginning of period (in shares) | shares 1,380 Granted (in shares) | shares 87 Change in units based on performance (in shares) | shares 122 Vested (in shares) | shares (244) Forfeited (in shares) | shares (6) Balance at end of period (in shares) | shares 1,339 Weighted-Average Grant-Date Fair Value Δ Balance at beginning of period (in usd per share) | \$ / shares \$ 49.53 Granted (in usd per share) | \$ / shares 132.98 Change in units based on performance (in usd per share) | \$ / shares 55.84 Vested (in usd per share) | \$ / shares 55.84 Forfeited (in usd per share) | \$ / shares 71.81 Balance at end of period (in usd per share) | \$ / shares \$ 54.28 X - DefinitionShare Based Compensation Arrangement by Share Based Payment Award Equity Instruments Other Than Options Based On Performance In Period + ReferencesNo definition available. + Details Name: iri_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsPerformanceBasedChangeInPeriod Namespace Prefix: iri_Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionShare Based Compensation Arrangement by Share Based Payment Award Equity Instruments Other Than Options Based On Performance In Period Weighted Average Grant Date Fair Value + ReferencesNo definition available. + Details Name: iri_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsPerformanceBasedChangeInPeriodWeightedAverageGrantDateFairValue Namespace Prefix: iri_Data Type: dtr-types:1.perShareItemType Balance Type: na Period Type: duration X - DefinitionThe number of equity-based payment instruments, excluding stock (or unit) options, that were forfeited during the reporting period. + ReferencesReference 1: [http://www.xbrl.org/2003/role/disclosureRef-Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph \(c\)\(2\)\(iii\)\(03\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2](http://www.xbrl.org/2003/role/disclosureRef-Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(03) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2) + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsForfeitedInPeriod Namespace Prefix: us-gaap_Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionWeighted average fair value as of the grant date of equity-based award plans other than stock (unit) option plans that were not exercised or put into effect as a result of the occurrence of a terminating event. + ReferencesReference 1: [http://www.xbrl.org/2003/role/disclosureRef-Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph \(c\)\(2\)\(iii\)\(03\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2](http://www.xbrl.org/2003/role/disclosureRef-Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(03) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2) + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsForfeitedInPeriod Namespace Prefix: us-gaap_Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionThe number of grants made during the period on other than stock (or unit) option plans (for example, phantom stock or unit plan, stock or unit appreciation rights plan, performance target plan). + ReferencesReference 1: [http://www.xbrl.org/2003/role/disclosureRef-Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph \(c\)\(2\)\(iii\)\(01\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2](http://www.xbrl.org/2003/role/disclosureRef-Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(01) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2) + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriodWeightedAverageGrantDateFairValue Namespace Prefix: us-gaap_Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionThe number of non-vested equity-based payment instruments, excluding stock (or unit) options, that validly exist and are outstanding as of the balance sheet date. + ReferencesReference 1: [http://www.xbrl.org/2003/role/disclosureRef-Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph \(c\)\(2\)\(i\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2](http://www.xbrl.org/2003/role/disclosureRef-Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2) + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedNumber Namespace Prefix: us-gaap_Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionA roll forward is a reconciliation of a concept from the beginning of a period to the end of a period. + ReferencesNo definition available. + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedRollForward Namespace Prefix: us-gaap_Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionPer share or unit weighted-average fair value of nonvested award under share-based payment arrangement. Excludes share and unit options. + ReferencesReference 1: [http://www.xbrl.org/2003/role/disclosureRef-Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph \(c\)\(2\)\(i\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2](http://www.xbrl.org/2003/role/disclosureRef-Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2) + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedRollForward Namespace Prefix: us-gaap_Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedWeightedAverageGrantDateFairValueRollForward Namespace Prefix: us-gaap_Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe number of equity-based payment instruments, excluding stock (or unit) options, that vested during the reporting period. + ReferencesReference 1: [http://www.xbrl.org/2003/role/disclosureRef-Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph \(c\)\(2\)\(iii\)\(02\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2](http://www.xbrl.org/2003/role/disclosureRef-Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(02) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2) + Details Name: us-

gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsVestedInPeriod Namespace Prefix: us-gaap Data Type: xbrli:shareItem Type Balance Type: na Period Type: duration X - DefinitionThe weighted average fair value as of grant date pertaining to an equity-based award plan other than a stock (or unit) option plan for which the grantee gained the right during the reporting period, by satisfying service and performance requirements, to receive or retain shares or units, other instruments, or cash in accordance with the terms of the arrangement. + ReferencesReference 1:

Paragraph 4C - Subparagraph (b) - Publisher FASB - URI https://asc.fasb.org/1943274/2147480434/815-10-50-4CReference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480627/815-20-45-3Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4A -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480434/815-10-50-4AReference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 10A -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-10A + Details Name: us-gaap_OtherComprehensiveIncomeLossCashFlowHedgeGainLossBeforeReclassificationAndTax Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount, before tax, of reclassification from accumulated other comprehensive income (AOCI) for gain (loss) from derivative designated and qualifying as net investment hedge. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4CCC -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480434/815-10-50-4CCC + Details Name: us-gaap_OtherComprehensiveIncomeLossNetInvestmentHedgeGainLossReclassificationBeforeTax Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - Details Name: us-gaap_DerivativeInstrumentRiskAxis=us-gaap_CrossCurrencyInterestRateContractMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_DerivativeInstrumentsGainLossByHedgingRelationshipAxis=us-gaap_NetInvestmentHedgingMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 90 R79.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Hedging Activities and Derivative Instruments - Schedule of Derivative Instruments not Designated as Accounting Hedges (Details) - USD (\$) \$ in Millions 3 Months Ended 6 Months Ended Jun. 30, 2024 Jun. 30, 2023 Jun. 30, 2024 Jun. 30, 2023 Foreign Currency Derivative Instruments Not Designated as Hedging Instruments at Fair Value, Net [Abstract] A A A Total foreign currency transaction gains, net \$ 0.0 \$ 1.1 \$ 0.7 \$ 0.1 Foreign currency forward contracts gains (losses) A A A Foreign Currency Derivative Instruments Not Designated as Hedging Instruments at Fair Value, Net [Abstract] A A A Total foreign currency transaction gains, net \$ (2.0) \$ 0.0 \$ (2.0) \$ 0.2 X - ReferencesNo definition available. + Details Name: us-gaap_ForeignCurrencyDerivativeInstrumentsNotDesignatedAsHedgingInstrumentsAtFairValueNetAbstract Namespace Prefix: us-gaap Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of gain (loss) recognized in earnings in the period from the increase (decrease) in fair value of foreign currency derivatives not designated as hedging instruments. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 815 -SubTopic 10 -Section 50 -Paragraph 4C -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480434/815-10-50-4CReference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 815 -SubTopic 10 -Section 50 -Paragraph 4A -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480434/815-10-50-4A + Details Name: us-gaap_GainLossOnForeignCurrencyDerivativeInstrumentsNotDesignatedAsHedgingInstruments Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - Details Name: us-gaap_DerivativeInstrumentRiskAxis=us-gaap_ForeignExchangeForwardMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 91 R80.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Fair Value Measurements - Schedule of Fair Value Measurements (Details) - Recurring - USD (\$) \$ in Millions Jun. 30, 2024 Dec. 31, 2023 Financial Assets A A Trading securities held in deferred compensation plan \$ 19.1 \$ 16.8 Interest rate swaps 7.0 9.4 Cross-currency interest rate swaps 11.2 15.7 Foreign currency forwards 0.0 A Total 37.3 41.9 Financial Liabilities A A Deferred compensation plans 26.5 24.7 Interest rate swaps 7.0 A Cross-currency interest rate swaps 3.3 63.1 Contingent consideration 98.7 42.2 Foreign currency forwards 1.4 A Total 136.9 130.0 Level 1 A A Financial Assets A A Trading securities held in deferred compensation plan 19.1 16.8 Interest rate swaps 0.0 0.0 Cross-currency interest rate swaps 0.0 0.0 Foreign currency forwards 0.0 A Total 19.1 16.8 Financial Liabilities A A Deferred compensation plans 26.5 24.7 Interest rate swaps 0.0 A Cross-currency interest rate swaps 0.0 0.0 Contingent consideration 0.0 0.0 Foreign currency forwards 0.0 A Total 26.5 24.7 Level 2 A A Financial Assets A A Trading securities held in deferred compensation plan 0.0 0.0 Interest rate swaps 7.0 9.4 Cross-currency interest rate swaps 11.2 15.7 Foreign currency forwards 0.0 A Total 18.2 25.1 Financial Liabilities A A Deferred compensation plans 0.0 0.0 Interest rate swaps 7.0 A Cross-currency interest rate swaps 3.3 63.1 Contingent consideration 0.0 0.0 Foreign currency forwards 1.4 A Total 11.7 63.1 Level 3 A A Financial Assets A A Trading securities held in deferred compensation plan 0.0 0.0 Interest rate swaps 0.0 0.0 Cross-currency interest rate swaps 0.0 0.0 Foreign currency forwards 0.0 A Total 0.0 0.0 Financial Liabilities A A Deferred compensation plans 0.0 0.0 Interest rate swaps 0.0 A Cross-currency interest rate swaps 0.0 0.0 Contingent consideration 98.7 42.2 Foreign currency forwards 0.0 A Total \$ 98.7 \$ 42.2 X - DefinitionContingent Consideration, Fair Value Disclosure + ReferencesNo definition available. + Details Name: iri_ContingentConsiderationFairValueDisclosure Namespace Prefix: iri Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionCross-currency Interest Rate Swaps, Asset, Fair Value Disclosure + ReferencesNo definition available. + Details Name: iri_CrossCurrencyInterestRateSwapsAssetFairValueDisclosure Namespace Prefix: iri Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionCross-currency Interest Rate Swaps, Liability, Fair Value Disclosure + ReferencesNo definition available. + Details Name: iri_CrossCurrencyInterestRateSwapsLiabilityFairValueDisclosure Namespace Prefix: iri Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionFair value hierarchy as of the balance sheet date of liabilities held in relation to the deferred compensation plan. + ReferencesNo definition available. + Details Name: iri_DeferredCompensationPlanLiabilityFairValueDisclosure Namespace Prefix: iri Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionInterest Rate Swaps, Asset, Fair Value Disclosure + ReferencesNo definition available. + Details Name: iri_InterestRateSwapsAssetFairValueDisclosure Namespace Prefix: iri Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionFair value hierarchy as of the balance sheet date of liabilities held in relation to the interest rate swap. + ReferencesNo definition available. + Details Name: iri_InterestRateSwapsLiabilityFairValueDisclosure Namespace Prefix: iri Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionFair value hierarchy as of the balance sheet date of assets held in relation to trading securities held in deferred compensation plan. + ReferencesNo definition available. + Details Name: iri_TradingSecuritiesHeldInDeferredCompensationPlanFairValueDisclosure Namespace Prefix: iri Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionFair value portion of asset recognized for present right to economic benefit. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 100 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-100Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2 + Details Name: us-gaap_AssetsFairValueDisclosure Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_AssetsFairValueDisclosureAbstract Namespace Prefix: us-gaap Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionFair value portion of asset contracts related to the exchange of different currencies, including, but not limited to, foreign currency options, forward contracts, and swaps. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2 + Details Name: us-gaap_ForeignCurrencyContractAssetFairValueDisclosure Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionFair value portion of liability contracts related to the exchange of different currencies, including, but not limited to, foreign currency options, forward (delivery or nondelivery) contracts, and swaps entered into. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2 + Details Name: us-gaap_LiabilitiesFairValueDisclosure Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_LiabilitiesFairValueDisclosureAbstract Namespace Prefix: us-gaap Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_FairValueByMeasurementFrequencyAxis=us-gaap_FairValueMeasurementsRecurringMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FairValueByFairValueHierarchyLevelAxis=us-gaap_FairValueInputsLevel1Member Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FairValueByFairValueHierarchyLevelAxis=us-gaap_FairValueInputsLevel2Member Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FairValueByFairValueHierarchyLevelAxis=us-gaap_FairValueInputsLevel3Member Namespace Prefix: Data Type: na Balance Type: Period Type: XML 92 R81.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Fair Value Measurements - Schedule of Contingent Consideration (Details) - USD (\$) \$ in Millions 3 Months Ended 6 Months Ended Jun. 30, 2024 Jun. 30, 2023 Jun. 30, 2024 Jun. 30, 2023 Fair Value, Liabilities Measured on Recurring Basis, Unobservable Input Reconciliation, Calculation [Roll Forward] A A A Contingent consideration, current \$ 60.3 A \$ 60.3 A Contingent consideration, noncurrent 38.4 A 38.4 A Contingent Consideration A A A Fair Value, Liabilities Measured on Recurring Basis, Unobservable Input Reconciliation, Calculation [Roll Forward] A A A Balance at beginning of the period 48.4 \$ 48.4 42.2 \$ 43.9 Acquisitions 50.2 12.8 56.7 12.8 Changes in fair value 0.3 4.1 0.5 8.4 Payments (0.2) (3.1) (0.2) (3.1) Foreign currency translation 0.0 0.3 (0.5) 0.5 Balance at end of the period \$ 98.7 \$ 62.5 \$ 98.7 \$ 62.5 X - DefinitionFair Value, Measurement with Unobservable Inputs Reconciliation, Recurring Basis, Liability, Acquisitions + ReferencesNo definition available. + Details Name: iri_FairValueMeasurementWithUnobservableInputsReconciliationRecurringBasisLiabilityAcquisitions Namespace Prefix: iri Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionFair Value, Measurement with Unobservable Inputs Reconciliation, Recurring Basis, Liability, Foreign Currency Translation And Other + ReferencesNo definition available. + Details Name: iri_FairValueMeasurementWithUnobservableInputsReconciliationRecurringBasisLiabilityForeignCurrencyTranslationAndOther Namespace Prefix: iri Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of liability recognized arising from contingent consideration in a business combination, expected to be settled within one year or the normal operating cycle, if longer. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 805 -SubTopic 30 -Name Accounting Standards Codification -Section 35 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479613/805-30-35-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 805 -SubTopic 30 -Name Accounting Standards Codification -Section 35 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479668/805-30-35-6 + Details Name: us-gaap_BusinessCombinationContingentConsiderationLiabilityNoncurrent Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionA roll forward is a reconciliation of a concept from the beginning of a period to the end of a period. + ReferencesNo definition available. + Details Name: us-gaap_FairValueLiabilitiesMeasuredOnRecurringBasisUnobservableInputReconciliationCalculationRollForward Namespace Prefix: us-gaap Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of gain (loss) recognized in income from liability measured at fair value on recurring basis using unobservable input (level 3). + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-3Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2 + Details Name: us-gaap_FairValueMeasurementWithUnobservableInputsReconciliationRecurringBasisLiabilityGainLossIncludedInEarnings Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of settlements of financial instrument classified as a liability measured using unobservable inputs that reflect the entity's own assumption about the assumptions market participants would use in pricing. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-3Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2 + Details Name: us-gaap_FairValueMeasurementWithUnobservableInputsReconciliationRecurringBasisLiabilitySettlements Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionFair value of financial instrument classified as a liability measured using unobservable inputs that reflect the entity's own assumption about the assumptions market participants would use in pricing. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-3Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2 + Details Name: us-gaap_FairValueMeasurementWithUnobservableInputsReconciliationsRecurringBasisLiabilityValue Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - Details Name: us-gaap_FairValueByLiabilityClassAxis=iri_ContingentConsiderationMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 93 R82.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Revenue from Contracts with Customers - Schedule of Disaggregation of Revenue (Details) - USD (\$) \$ in Millions 3 Months Ended 6 Months Ended Jun. 30, 2024 Jun. 30, 2023 Jun. 30, 2024 Jun. 30, 2023 Disaggregation of Revenue [Line Items] A A A Revenues 1,671.2 1,572.3 3,211.1 3,104.0 Revenue recognized over time A A A Disaggregation of Revenue [Line Items] A A A Revenues 134.1 114.2 264.3 211.8 Original equipment A A A Disaggregation of Revenue [Line Items] A A A Revenues 1,162.8 1,087.7 2,214.9 2,123.1 Aftermarket A A A Disaggregation of Revenue [Line Items] A A A Revenues 642.5 598.8 1,260.5 1,192.7 Americas A A A Disaggregation of Revenue [Line Items] A A A Revenues 911.9 792.7 1,766.9 1,586.3 United States A A A Disaggregation of Revenue [Line Items] A A A Revenues 784.5 697.6 1,518.7 1,393.0 Other Americas A A A Disaggregation of Revenue [Line Items] A A A Revenues 127.4 95.1 248.2 193.3 EMEA A A A Disaggregation of Revenue [Line Items] A A A Revenues 581.1 542.4 1,140.2 1,081.8 Asia Pacific A A A Disaggregation of Revenue [Line Items] A A A Revenues 312.3 351.4 568.3 647.7 Industrial Technologies and Services A A A Disaggregation of Revenue [Line Items] A A A Revenues 1,466.5 1,378.4 2,839.9 2,695.6 Industrial Technologies and Services | Revenue recognized at point in time A A A Disaggregation of Revenue [Line Items] A A A Revenues 1,334.2 1,266.2 2,578.6 2,486.7 Industrial Technologies and Services | Revenue recognized over time A A A Disaggregation of Revenue [Line Items] A A A Revenues 132.3 112.2 261.3 208.9 Industrial Technologies and Services | Original equipment A A A Disaggregation of Revenue [Line Items] A A A Revenues 897.6 843.2 1,724.7 1,633.3 Industrial Technologies and Services | Aftermarket A A A Disaggregation of Revenue [Line Items] A A A Revenues 568.9 535.2 1,115.2 1,062.3 Industrial Technologies and Services | Americas A A A Disaggregation of

Revenue [Line Items] Á Á Á Revenues 735.8 644.8 1,445.6 1,286.9 Industrial Technologies and Services | United States Á Á Á Disaggregation of Revenue [Line Items] Á Á Á Revenues 626.2 556.8 1,223.3 1,108.0 Industrial Technologies and Services | Other Americas Á Á Á Disaggregation of Revenue [Line Items] Á Á Á Revenues 109.6 88.0 222.3 178.9 Industrial Technologies and Services | EMEA Á Á Á Disaggregation of Revenue [Line Items] Á Á Á Revenues 461.2 428.5 906.6 854.5 Industrial Technologies and Services | Asia Pacific Á Á Á Disaggregation of Revenue [Line Items] Á Á Á Revenues 269.5 305.1 487.7 554.2 Precision and Science Technologies Á Á Á Disaggregation of Revenue [Line Items] Á Á Á Revenues 338.8 308.1 635.5 620.2 Precision and Science Technologies | Revenue recognized at point in time Á Á Á Disaggregation of Revenue [Line Items] Á Á Á Revenues 337.0 306.1 632.5 617.3 Precision and Science Technologies | Revenue recognized over time Á Á Á Disaggregation of Revenue [Line Items] Á Á Á Revenues 1.8 2.0 3.0 2.9 Precision and Science Technologies | Original equipment Á Á Á Disaggregation of Revenue [Line Items] Á Á Á Revenues 265.2 244.5 490.2 489.8 Precision and Science Technologies | Aftermarket Á Á Á Disaggregation of Revenue [Line Items] Á Á Á Revenues 73.6 63.6 145.3 130.4 Precision and Science Technologies | Americas Á Á Á Disaggregation of Revenue [Line Items] Á Á Á Revenues 176.1 147.9 321.3 299.4 Precision and Science Technologies | United States Á Á Á Disaggregation of Revenue [Line Items] Á Á Á Revenues 158.3 140.8 295.4 285.0 Precision and Science Technologies | Other Americas Á Á Á Disaggregation of Revenue [Line Items] Á Á Á Revenues 17.8 7.1 25.9 14.4 Precision and Science Technologies | EMEA Á Á Á Disaggregation of Revenue [Line Items] Á Á Á Revenues 119.9 113.9 233.6 227.3 Precision and Science Technologies | Asia Pacific Á Á Á Disaggregation of Revenue [Line Items] Á Á Á Revenues \$ 42.8 \$ 46.3 \$ 80.6 \$ 93.5 X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1:

na Period Type: duration X - DefinitionAmount of current income tax expense (benefit) and deferred income tax expense (benefit) pertaining to continuing operations. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 231 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482663/740-10-55-231Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (SAB Topic 6.1.7) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479360/740-10-50-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-10Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-50-9Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Subparagraph (a) -SubTopic 20 -Topic 740 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482659/740-20-45-2Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(h)) -SubTopic 10 -Topic 235 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-50-1 + Details Name: us-gaap IncomeTaxExpenseBenefit Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration XML 97 R86.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Other Operating Expense, Net (Details) - USD (\$) in Millions 3 Months Ended 6 Months Ended Jun. 30, 2024 Jun. 30, 2023 Jun. 30, 2023 Other Income and Expenses [Abstract] Á Á Á Foreign currency transaction gains, net \$ 0.0 \$ (1.1) \$ (0.7) \$ (0.1) Restructuring charges, net 3.9 5.2 13.6 8.1 Acquisition and other transaction related expenses 25.9 12.8 41.2 28.0 Loss on asbestos sale 58.8 0.0 58.8 0.0 Other, net (0.4) 2.9 0.5 4.2 Total other operating expense, net \$ 88.2 \$ 19.8 \$ 113.4 \$ 40.2 X - DefinitionAcquisition And Other Transaction Related Expenses + ReferencesNo definition available. + Details Name: iri AcquisitionAndOtherTransactionRelatedExpenses Namespace Prefix: iri Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionOther Miscellaneous Operating Income (Expense) + ReferencesNo definition available. + Details Name: iri OtherMiscellaneousOperatingIncomeExpense Namespace Prefix: iri Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount, before tax, of realized and unrealized gain (loss) from foreign currency transaction. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-50-9Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 20 -Name Accounting Standards Codification -Section 35 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482014/830-20-35-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481956/830-20-45-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481926/830-20-50-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 17 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481839/830-10-45-17 + Details Name: us-gaap ForeignCurrencyTransactionGainLossBeforeTax Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of gain (loss) from sale and disposal of integrated set of activities and assets capable of being conducted and managed for purpose of providing return in form of dividend, lower cost, or other economic benefit to investor, owner, member and participant. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-1B + Details Name: us-gaap GainLossOnSaleOfBusiness Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap OtherIncomeAndExpensesAbstract Namespace Prefix: us-gaap Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe net amount of other operating income and expenses, the components of which are not separately disclosed on the income statement, from items that are associated with the entity's normal revenue producing operations. + ReferencesNo definition available. + Details Name: us-gaap OtherOperatingIncomeExpenseNet Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of expenses associated with exit or disposal activities pursuant to an authorized plan. Excludes expenses related to a discontinued operation or an asset retirement obligation. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 5.P.4.b.1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479823/420-10-50-2Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482047/420-10-45-3Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 5.P.3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479823/420-10-50-1 + Details Name: us-gaap RestructuringCharges Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration XML 98 R87.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Contingencies - Narrative (Details) \$ in Millions 3 Months Ended 6 Months Ended Jun. 05, 2024 USD (\$) subsidiary Jun. 30, 2024 USD (\$) Jun. 30, 2024 USD (\$) Dec. 31, 2023 USD (\$) Loss Contingencies [Line Items] Á Á Á Number of subsidiaries that hold asbestos liabilities and assets | subsidiary 3 Á Á Á Undiscounted accrued liabilities for environmental loss contingencies Á \$ 18.2 Á 18.2 Á 16.7 Asbestos Portfolio Sale | Discontinued Operations, Disposed of by Sale Á Á Á Loss Contingencies [Line Items] Á Á Á Proceeds from divestiture of businesses \$ 188.5 Á Á Á Pre tax loss Á 58.8 58.8 Á Income tax benefit Á 7.6 7.6 Á Loss after tax Á \$ 51.2 Á \$ 51.2 Á Insurance Settlement | Asbestos Portfolio Sale | Discontinued Operations, Disposed of by Sale Á Á Á Loss Contingencies [Line Items] Á Á Á Proceeds from divestiture of businesses 143.5 Á Á Á Delticus Holdings LLC | Asbestos Portfolio Sale | Discontinued Operations, Disposed of by Sale Á Á Á Loss Contingencies [Line Items] Á Á Á Proceeds from divestiture of businesses 35.0 Á Á Á Ingersoll Rand | Asbestos Portfolio Sale | Discontinued Operations, Disposed of by Sale Á Á Á Loss Contingencies [Line Items] Á Á Á Proceeds from divestiture of businesses \$ 10.0 Á Á Á InTelCo | Onyx TopCo LLC Á Á Á Loss Contingencies [Line Items] Á Á Á Ownership interest 100.00% Á Á Á Asbestos and Silica Related Litigation Á Á Á Loss Contingencies [Line Items] Á Á Á Estimated litigation liability Á Á Á 126.9 Insurance recovery receivable Á Á Á \$ 157.7 X - DefinitionNumber Of Subsidiaries That Hold Asbestos Liabilities And Assets + ReferencesNo definition available. + Details Name: iri NumberOfSubsidiariesThatHoldAsbestosLiabilitiesAndAssets Namespace Prefix: iri Data Type: xbrli:integerItemType Balance Type: na Period Type: instant X - DefinitionUndiscounted amount of the accrual for environmental loss contingencies. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483076/450-20-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 5.Y.Q1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480102/450-20-50-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 410 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481931/410-30-50-7 + Details Name: us-gaap AccrualForEnvironmentalLossContingenciesGross Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount before tax of gain (loss) not previously recognized resulting from the disposal of a discontinued operation. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 3B -Publisher FASB -URI https://asc.fasb.org/1943274/2147483475/205-20-45-3Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483499/205-20-50-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483475/205-20-45-3 + Details Name: us-gaap DiscontinuedOperationGainLossFromDisposalOfDiscontinuedOperationBeforeIncomeTax Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount after tax of gain (loss) not previously recognized resulting from the disposal of a discontinued operation. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 5C -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483499/205-20-50-5CReference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 3B -Publisher FASB -URI https://asc.fasb.org/1943274/2147483475/205-20-45-3Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483499/205-20-50-1Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483475/205-20-45-3 + Details Name: us-gaap DiscontinuedOperationGainLossOnDisposalOfDiscontinuedOperationNetOfTax Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of tax expense (benefit) on gain (loss) not previously recognized resulting from the disposal of a discontinued operation. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 740 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482659/740-20-45-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 5C -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483499/205-20-50-5CReference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 3B -Publisher FASB -URI https://asc.fasb.org/1943274/2147483475/205-20-45-3Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483499/205-20-50-1 + Details Name: us-gaap DiscontinuedOperationTaxEffectOfIncomeLossFromDisposalOfDiscontinuedOperation Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionCarrying amount due after one year of the balance sheet date (or one operating cycle, if longer) of amount due in settlement of a claim for reimbursement from an insurance company when the Company has suffered a loss covered under an insurance policy. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(17)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-50-1 + Details Name: us-gaap InsuranceSettlementsReceivableNoncurrent Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionPercentage investment held by the managing member or general partner of the limited liability company (LLC) or limited partnership (LP). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 272 -SubTopic 10 -Section 50 -Paragraph 3 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482987/272-10-50-3 + Details Name: us-gaap LimitedLiabilityCompanyLLCOrLimitedPartnershipLPManagingMemberOrGeneralPartnerOwnershipInterest Namespace Prefix: us-gaap Data Type: dtr-types:percentItemType Balance Type: na Period Type: duration X - DefinitionAggregate carrying amount of the estimated litigation liability for known or estimated probable loss from litigation, which may include attorneys' fees and other litigation costs. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483076/450-20-50-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(25)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-50-1 + Details Name: us-gaap LitigationReserve Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483076/450-20-50-4Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483076/450-20-50-9Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 720 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483359/720-20-50-1Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 460 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 27 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482395/460-10-55-27Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483076/450-20-50-9Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483076/450-20-50-4Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 460 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482425/460-10-50-3Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483076/450-20-50-1 + Details Name: us-gaap LossContingenciesLineItems Namespace Prefix: us-gaap Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe cash inflow associated with the amount received from the sale of a portion of the company's business, for example a segment, division, branch or other business, during the period. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 12 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-12 + Details Name: us-gaap ProceedsFromDivestitureOfBusinesses Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - Details Name: us-gaap IncomeStatementBalanceSheetAndAdditionalDisclosuresByDisposalGroupsIncludingDiscontinuedOperationsAxis=iri AsbestosPortfolioSaleMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap DisposalGroupClassificationAxis=us-gaap DiscontinuedOperationsDisposedOffBySaleMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap GainContingenciesByNatureAxis=us-gaap InsuranceSettlementMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: dei LegalEntityAxis=iri DelticusHoldingsLLCMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: dei LegalEntityAxis=iri IngersollRandMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt OwnershipAxis=iri InTelCoMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: dei LegalEntityAxis=iri OnyxTopCoLLCMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt LitigationCaseAxis=iri AsbestosAndSilicaRelatedLitigationMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 99 R88.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Contingencies - Schedule of Discontinued Operations (Details) - Discontinued Operations, Disposed of by Sale - Asbestos Portfolio Sale \$ in Millions 3 Months Ended 6 Months Ended Jun. 30,

2024 USD (\$) Jun. 30, 2024 USD (\$) Assets divested: \$ 153.5 Insurance recovery receivable 13.9 13.9 Liabilities divested: \$ 153.5 Asbestos indemnity liability - current (12.3) (12.3) Asbestos indemnity liability - noncurrent (111.4) (111.4) Loss on Asbestos Sale, before transaction costs \$ 43.7 Transaction costs \$ 15.1 Loss on Asbestos Sale 58.8 58.8 Income tax benefit (7.6) (7.6) Loss on Asbestos Sale, net of tax \$ 51.2 \$ 51.2 X - Definition Discontinued Operation, Gain (Loss) On Disposal Of Discontinued Operation, Before Transaction Costs And Income Tax + References No definition available. + Details Name: iri_DiscontinuedOperationGainLossOnDisposalOfDiscontinuedOperationBeforeTransactionCostsAndIncomeTax Namespace Prefix: iri_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - Definition Discontinued Operation, Transaction Cost Effect Of Gain (Loss) From Disposal Of Discontinued Operation + References No definition available. + Details Name: iri_DiscontinuedOperationTransactionCostEffectOfGainLossFromDisposalOfDiscontinuedOperation Namespace Prefix: iri_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - Definition Disposal Group, Including Discontinued Operation, Assets + References No definition available. + Details Name: iri_DisposalGroupIncludingDiscontinuedOperationAssetsAbstract Namespace Prefix: iri_Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Definition Disposal Group, Including Discontinued Operation, Insurance Settlements Receivable + References No definition available. + Details Name: iri_DisposalGroupIncludingDiscontinuedOperationInsuranceSettlementsReceivable Namespace Prefix: iri_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - Definition Disposal Group, Including Discontinued Operation, Liabilities + References No definition available. + Details Name: iri_DisposalGroupIncludingDiscontinuedOperationLiabilitiesAbstract Namespace Prefix: iri_Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Definition Disposal Group, Including Discontinued Operation, Self Insurance Reserve, Current + References No definition available. + Details Name: iri_DisposalGroupIncludingDiscontinuedOperationSelfInsuranceReserveCurrent Namespace Prefix: iri_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - Definition Disposal Group, Including Discontinued Operation, Self Insurance Reserve, Noncurrent + References No definition available. + Details Name: iri_DisposalGroupIncludingDiscontinuedOperationSelfInsuranceReserveNoncurrent Namespace Prefix: iri_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - Definition Amount before tax of gain (loss) not previously recognized resulting from the disposal of a discontinued operation. + References Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 3B -Publisher FASB -URI https://asc.fasb.org/1943274/2147483475/205-20-45-3BReference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483499/205-20-50-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483475/205-20-45-3 + Details Name: us-gaap_DiscontinuedOperationGainLossOnDisposalOfDiscontinuedOperationBeforeIncomeTax Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - Definition Amount after tax of gain (loss) not previously recognized resulting from the disposal of a discontinued operation. + References Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 5C -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483499/205-20-50-5CReference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 3B -Publisher FASB -URI https://asc.fasb.org/1943274/2147483475/205-20-45-3BReference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483499/205-20-50-1Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483475/205-20-45-3 + Details Name: us-gaap_DiscontinuedOperationGainLossOnDisposalOfDiscontinuedOperationNetOfTax Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - Definition Amount of tax expense (benefit) on gain (loss) not previously recognized resulting from the disposal of a discontinued operation. + References Reference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 740 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482659/740-20-45-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 5C -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483499/205-20-50-5CReference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 3B -Publisher FASB -URI https://asc.fasb.org/1943274/2147483475/205-20-45-3BReference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483499/205-20-50-1 + Details Name: us-gaap_DiscontinuedOperationTaxEffectOfIncomeLossFromDisposalOfDiscontinuedOperation Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - Definition Amount classified as cash and cash equivalents attributable to disposal group held for sale or disposed of. + References Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 10 -SubTopic 20 -Topic 205 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483475/205-20-45-10Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 5B -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483499/205-20-50-5BReference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 205 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482099/360-10-50-3Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483475/205-20-45-11 + Details Name: us-gaap_DisposalGroupIncludingDiscontinuedOperationCashAndCashEquivalents Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - Details Name: us-gaap_DisposalGroupClassificationAxis-us-gaap_DiscontinuedOperationsDisposedOfBySaleMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_IncomeStatementBalanceSheetAndAdditionalDisclosuresByDisposalGroupsIncludingDiscontinuedOperationsAxis-iri AsbestosPortfolioSaleMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 100 R89.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Segment Results - Narrative (Details) 6 Months Ended Jun. 30, 2024 segment Segment Reporting [Abstract] A Number of reportable segments 2 X - Definition Number of segments reported by the entity. A reportable segment is a component of an entity for which there is an accounting requirement to report separate financial information on that component in the entity's financial statements. + References Reference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 47 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-47Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 54 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-54Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 18 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-18 + Details Name: us-gaap_NumberOfReportableSegments Namespace Prefix: us-gaap_Data Type: xbrli:integerItemType Balance Type: na Period Type: duration X - References No definition available. + Details Name: us-gaap_SegmentReportingAbstract Namespace Prefix: us-gaap_Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 101 R90.htm IDEA: XBRL DOCUMENT v3.24.2.u1 Segment Results - Schedule of Segment Results (Details) - USD (\$) in Millions 3 Months Ended 6 Months Ended Jun. 30, 2024 Jun. 30, 2023 Jun. 30, 2023 Segment Reporting [Abstract] A A A Revenue \$ 1,805.3 \$ 1,686.5 \$ 3,475.4 \$ 3,315.8 Segment Adjusted EBITDA 538.7 467.5 1,041.2 907.6 Less items to reconcile Segment Adjusted EBITDA to Income Before Income Taxes: A A A Interest expense 50.8 40.8 87.6 79.7 Restructuring and related business transformation costs 3.9 5.9 14.6 10.2 Stock-based compensation A 28.6 24.0 Foreign currency transaction gains, net 0.0 (1.1) (0.7) (0.1) Loss on extinguishment of debt 3.0 0.9 3.0 0.9 Adjustments to LIFO inventories 16.3 (1.1) 238.9 505.7 449.9 Provision for income taxes 46.1 60.5 100.5 108.6 Income (loss) on equity method investments (3.5) 2.4 (14.2) 2.7 Net Income 186.5 180.8 391.0 344.0 Depreciation of rental equipment 1.1 0.8 2.0 1.7 Restructuring Costs [Abstract] A A A Restructuring charges 3.9 5.2 13.6 8.1 Facility reorganization, relocation and other costs 0.0 0.7 1.0 2.1 Total restructuring and related business transformation costs 3.9 5.9 14.6 10.2 Industrial Technologies and Services A A A Segment Reporting [Abstract] A A A Revenue 1,466.5 1,378.4 2,839.9 2,695.6 Precision and Science Technologies A A A Segment Reporting [Abstract] A A A Revenue 338.8 308.1 635.5 620.2 Operating Segments | Industrial Technologies and Services A A A Segment Reporting [Abstract] A A A Revenue 1,466.5 1,378.4 2,839.9 2,695.6 Segment Adjusted EBITDA 436.2 377.5 847.3 723.1 Operating Segments | Precision and Science Technologies A A A Segment Reporting [Abstract] A A A Revenue 1,466.5 1,378.4 2,839.9 2,695.6 Segment Adjusted EBITDA 102.5 90.0 193.9 184.5 Corporate expenses not allocated to segments 44.1 42.8 88.1 82.8 Segment Reconciling Items A A A Less items to reconcile Segment Adjusted EBITDA to Income Before Income Taxes: A A A Corporate expenses not allocated to segments 44.1 42.8 88.1 82.8 Segment Reconciling Items A A A Less items to reconcile Segment Adjusted EBITDA to Income Before Income Taxes: A A A Interest expense 50.8 40.8 87.6 79.7 Depreciation and amortization expense 115.8 111.0 232.1 224.1 Restructuring and related business transformation costs 3.9 5.9 14.6 10.2 Acquisition and other transaction related expenses and non-cash charges 27.7 13.8 43.0 31.8 Stock-based compensation 14.5 11.9 28.6 24.0 Foreign currency transaction gains, net 0.0 (1.1) (0.7) (0.1) Loss on extinguishment of debt 3.0 0.9 3.0 0.9 Adjustments to LIFO inventories 0.4 6.5 7.2 14.3 Cybersecurity incident costs (2.0) 2.2 0.5 2.2 Loss on asbestos sale 58.8 0.0 58.8 0.0 Interest income on cash and cash equivalents (16.3) (6.1) (27.7) (10.8) Other adjustments 0.0 0.0 0.4 (1.4) Income Before Income Taxes 236.1 238.9 505.7 449.9 Restructuring Costs [Abstract] A A A Total restructuring and related business transformation costs \$ 3.9 \$ 5.9 \$ 14.6 \$ 10.2 X - Definition Represents costs associated with successful and/or abandoned acquisitions, including third-party expenses, post-closure integration costs and non-cash charges and credits arising from fair value purchase accounting adjustments. + References No definition available. + Details Name: iri_AcquisitionRelatedExpensesAndNonCashCharges Namespace Prefix: iri_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - Definition Earnings before interest, tax, depreciation and amortization (EBITDA) is a supplemental measure of the Company's operating performance. Adjusted EBITDA represents net (loss) income before interest, taxes, depreciation and amortization, as further adjusted to exclude certain non-cash, non-recurring and other adjustment items. + References No definition available. + Details Name: iri_AdjustedEBITDA Namespace Prefix: iri_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - Definition Cybersecurity Incident Costs + References No definition available. + Details Name: iri_CybersecurityIncidentCosts Namespace Prefix: iri_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - Definition Expenses incurred related to the rental equipment from outside third parties that are used in the entity's business operations or depleting assets to periods that benefit from use of the assets. + References No definition available. + Details Name: iri_DepreciationOfRentalEquipment Namespace Prefix: iri_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - Definition Amount of expenses related to facility reorganization and relocation and other costs. + References No definition available. + Details Name: iri_FacilityReorganizationRelocationAndOtherCosts Namespace Prefix: iri_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - Definition Interest Income On Cash And Cash Equivalents + References No definition available. + Details Name: iri_InterestIncomeOnCashAndCashEquivalents Namespace Prefix: iri_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - Definition Amount of expenses related to restructuring and related business transformation costs. + References No definition available. + Details Name: iri_RestructuringAndRelatedBusinessTransformationCosts Namespace Prefix: iri_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - Definition Includes (i) foreign exchange gains and losses, (ii) effects of amortization of prior service costs and amortization of gains in pension and other postretirement benefits (OPEB) expense, (iii) certain legal and compliance costs and (iv) other miscellaneous adjustments. + References No definition available. + Details Name: iri_SegmentReportingOtherAdjustments Namespace Prefix: iri_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - Definition The aggregate expense recognized in the current period that allocates the cost of tangible assets, intangible assets, or depleting assets to periods that benefit from use of the assets. + References Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 49 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-49Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22 + Details Name: us-gaap_DepreciationDepletionAndAmortization Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - Definition Amount, before tax, of realized and unrealized gain (loss) from foreign currency transaction. + References Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 599 -Paragraph 1 -Subparagraph (SX 210.6-07(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-599-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 20 -Name Accounting Standards Codification -Section 35 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482014/830-20-35-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481956/830-20-45-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481926/830-20-50-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 17 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481839/830-10-45-17 + Details Name: us-gaap_ForeignCurrencyTransactionGainLossBeforeTax Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - Definition Amount of gain (loss) from sale and disposal of integrated set of activities and assets capable of being conducted and managed for purpose of providing return in form of dividend, lower cost, or other economic benefit to investor, owner, member and participant. + References Reference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-1B + Details Name: us-gaap_GainLossOnSaleOfBusiness Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - Definition Difference between the fair value of payments made and the carrying amount of debt which is extinguished prior to maturity. + References Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 470 -SubTopic 50 -Section 40 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481303/470-50-40-2Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 470 -SubTopic 50 -Section 40 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481303/470-50-40-4 + Details Name: us-gaap_GainsLossesOnExtinguishmentOfDebt Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - Definition Amount of income (loss) from continuing operations before deduction of income tax expense (benefit) and income (loss) attributable to noncontrolling interest, and addition of income (loss) from equity method investments. + References Reference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (f) -Publisher FASB -URI

<https://asc.fasb.org/1943274/2147482810/280-10-50-32>Reference 3: [http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph \(b\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30)Reference 4: [http://www.xbrl.org/2009/role/commonPracticeRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph \(i\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1)Reference 5: [http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph \(ee\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32)Reference 6: [http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph \(c\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32](http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32)Reference 7: [http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.7-04\(8\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1)Reference 8: <http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 31 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-31> + Details Name: us-gaap_IncomeLossFromContinuingOperationsBeforeIncomeTaxesMinorityInterestAndIncomeLossFromEquityMethodInvestments Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of income (loss) for proportionate share of equity method investee's income (loss). + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph \(b\) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28](http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28)Reference 2: [http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph \(i\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1)Reference 3: [http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph \(ee\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32](http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32)Reference 4: [http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.7-04\(10\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(10)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1)Reference 5: <http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481664/323-10-45-1>Reference 6: [http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph \(g\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22](http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22)Reference 7: [http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph \(SX 210.5-03\(12\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2](http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(12)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2)Reference 8: [http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.9-04\(13\)\(f\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1](http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(13)(f)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1) + Details Name: us-gaap_IncomeLossFromEquityMethodInvestments Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of current income tax expense (benefit) and deferred income tax expense (benefit) pertaining to continuing operations. + ReferencesReference 1: [http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph \(i\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1)Reference 2: [http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph \(ee\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32](http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32)Reference 3: <http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12>Reference 4: <http://www.xbrl.org/2003/role/exampleRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 231 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482663/740-10-55-231>Reference 5: <http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9>Reference 6: [http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SAB Topic 6.1.7\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479360/740-10-S99-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 6.1.7) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479360/740-10-S99-1)Reference 7: <http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8>Reference 8: <http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12>Reference 9: [http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph \(h\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22](http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22)Reference 10: [http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.7-04\(9\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1)Reference 11: [http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Subparagraph \(a\) -SubTopic 20 -Topic 740 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482659/740-20-45-2](http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Subparagraph (a) -SubTopic 20 -Topic 740 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482659/740-20-45-2)Reference 12: [http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.4-08\(h\)\) -SubTopic 10 -Topic 235 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1](http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(h)) -SubTopic 10 -Topic 235 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1) + Details Name: us-gaap_IncomeTaxExpenseBenefit Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of interest expense classified as nonoperating. + ReferencesReference 1: [http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph \(d\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22](http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22)Reference 2: [http://www.xbrl.org/2009/role/commonPracticeRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph \(SX 210.5-03\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2) + Details Name: us-gaap_InterestExpenseNonoperating Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe difference between the change in the inventory reserve representing the cumulative difference in cost between the first in, first out and the last in, first out inventory valuation methods and any LIFO decrement which have been reflected in the statement of income during the period. + ReferencesNo definition available. + Details Name: us-gaap_InventoryLIFOReserveEffectOnIncomeNet Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionGenerally recurring costs associated with normal operations except for the portion of these expenses which can be clearly related to production and included in cost of sales or services. Includes selling, general and administrative expense. + ReferencesNo definition available. + Details Name: us-gaap_OperatingExpenses Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe consolidated profit or loss for the period, net of income taxes, including the portion attributable to the noncontrolling interest. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6>Reference 2: <http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9>Reference 3: [http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph \(g\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1)Reference 4: [http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph \(g\)\(3\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2](http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2)Reference 5: [http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.4-08\(g\)\(i\)\(ii\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(i)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1)Reference 6: [http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph \(c\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3](http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3)Reference 7: [http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph \(f\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28](http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28)Reference 8: [http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph \(b\)\(2\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1)Reference 9: [http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph \(f\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1)Reference 10: <http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8>Reference 11: <http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-11>Reference 12: [http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 205 -Name Accounting Standards Codification -Section 45 -Paragraph 3 -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478009/946-205-45-3](http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 205 -Name Accounting Standards Codification -Section 45 -Paragraph 3 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478009/946-205-45-3)Reference 13: <http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479105/946-220-45-7>Reference 14: [http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.6-04\(16\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(16)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1)Reference 15: [http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.6-07\(9\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1)Reference 16: [http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph \(SX 210.6-09\(1\)\(d\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3](http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(1)(d)) 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Acquisition, Consideration (Details)Details51 falsefalseR52.htm9954493 - Disclosure - Restructuring - Schedule of Restructuring Charges
(Details)Sheethttp://ingersollrand.com/role/RestructuringScheduleofRestructuringChargesDetailsRestructuring - Schedule of Restructuring Charges (Details)Details52
falsefalseR53.htm9954494 - Disclosure - Restructuring - Schedule of Activity in Restructuring Programs
(Details)Sheethttp://ingersollrand.com/role/RestructuringScheduleofActivityinRestructuringProgramsDetailsRestructuring - Schedule of Activity in Restructuring Programs
(Details)Details53 falsefalseR54.htm9954495 - Disclosure - Allowance for Credit Losses (Details)Sheethttp://ingersollrand.com/role/AllowanceforCreditLossesDetailsAllowance
for Credit Losses (Details)Details54 falsefalseR55.htm9954496 - Disclosure - Inventories
(Details)Sheethttp://ingersollrand.com/role/InventoriesDetailsInventories (Details)Details55 falsefalseR56.htm9954497 -
Disclosure - Goodwill and Other Intangible Assets - Schedule of Goodwill by Segment
(Details)Sheethttp://ingersollrand.com/role/GoodwillandOtherIntangibleAssetsScheduleofGoodwillbySegmentDetailsGoodwill and Other Intangible Assets - Schedule of
Goodwill by Segment (Details)Details56 falsefalseR57.htm9954498 - Disclosure - Goodwill and Other Intangible Assets - Narrative
(Details)Sheethttp://ingersollrand.com/role/GoodwillandOtherIntangibleAssetsNarrativeDetailsGoodwill and Other Intangible Assets - Narrative (Details)Details57
falsefalseR58.htm9954499 - Disclosure - Goodwill and Other Intangible Assets - Schedule of Other Intangible Assets
(Details)Sheethttp://ingersollrand.com/role/GoodwillandOtherIntangibleAssetsScheduleofOtherIntangibleAssetsDetailsGoodwill and Other Intangible Assets - Schedule of
Other Intangible Assets (Details)Details58 falsefalseR59.htm9954500 - Disclosure - Supply Chain Finance Program
(Details)Sheethttp://ingersollrand.com/role/SupplyChainFinanceProgramDetailsSupply Chain Finance Program
(Details)Details59 falsefalseR60.htm9954501 - Disclosure - Accrued Liabilities - Schedule of Accrued Liabilities
(Details)Sheethttp://ingersollrand.com/role/AccruedLiabilitiesScheduleofAccruedLiabilitiesDetailsAccrued Liabilities - Schedule of Accrued Liabilities (Details)Details60
falsefalseR61.htm9954502 - Disclosure - Accrued Liabilities - Schedule of Product Warranty Liability
(Details)Sheethttp://ingersollrand.com/role/AccruedLiabilitiesScheduleofProductWarrantyLiabilityDetailsAccrued Liabilities - Schedule of Product Warranty Liability
(Details)Details61 falsefalseR62.htm9954503 - Disclosure - Benefit Plans (Details)Sheethttp://ingersollrand.com/role/BenefitPlansDetailsBenefit Plans
(Details)Details62 falsefalseR63.htm9954504 - Disclosure - Debt - Schedule of Debt
(Details)Sheethttp://ingersollrand.com/role/DebtScheduleofDebtDetailsDebt - Schedule of Debt (Details)Details63 falsefalseR64.htm9954505 - Disclosure - Debt - Narrative
(Details)Sheethttp://ingersollrand.com/role/DebtNarrativeDetailsDebt - Narrative (Details)Details64 falsefalseR65.htm9954506 - Disclosure - Stock-Based Compensation Plans
- Narrative (Details)Sheethttp://ingersollrand.com/role/StockBasedCompensationPlansNarrativeDetailsStock-Based Compensation Plans - Narrative (Details)Details65
falsefalseR66.htm9954507 - Disclosure - Stock-Based Compensation Plans - Schedule of Stock Option Awards
(Details)Sheethttp://ingersollrand.com/role/StockBasedCompensationPlansScheduleofStockOptionAwardsDetailsStock-Based Compensation Plans - Schedule of Stock Option
Awards (Details)Details66 falsefalseR67.htm9954508 - Disclosure - Stock-Based Compensation Plans - Schedule of Assumptions Used to Estimate Fair Value of Options
Granted (Details)Sheethttp://ingersollrand.com/role/StockBasedCompensationPlansScheduleofAssumptionsUsedtoEstimateFairValueofOptionsGrantedDetailsStock-Based
Compensation Plans - Schedule of Assumptions Used to Estimate Fair Value of Options Granted (Details)Details67 falsefalseR68.htm9954509 - Disclosure - Stock-Based
Compensation Plans - Schedule of Restricted Stock Unit Awards
(Details)Sheethttp://ingersollrand.com/role/StockBasedCompensationPlansScheduleofRestrictedStockUnitAwardsDetailsStock-Based Compensation Plans - Schedule of
Restricted Stock Unit Awards (Details)Details68 falsefalseR69.htm9954510 - Disclosure - Stock-Based Compensation Plans - Schedule of Performance Share Unit Activity
(Details)Sheethttp://ingersollrand.com/role/StockBasedCompensationPlansScheduleofPerformanceShareUnitActivityDetailsStock-Based Compensation Plans - Schedule of
Performance Share Unit Activity (Details)Details69 falsefalseR70.htm9954511 - Disclosure - Stock-Based Compensation Plans - Schedule of Performance Share Unit Fair Value
Assumptions (Details)Sheethttp://ingersollrand.com/role/StockBasedCompensationPlansScheduleofPerformanceShareUnitFairValueAssumptionsDetailsStock-Based
Compensation Plans - Schedule of Performance Share Unit Fair Value Assumptions (Details)Details70 falsefalseR71.htm9954512 - Disclosure - Accumulated Other
Comprehensive Loss - Schedule of Before Tax Income (Loss) and Related Income Tax Effect
(Details)Sheethttp://ingersollrand.com/role/AccumulatedOtherComprehensiveLossScheduleofBeforeTaxIncomeLossandRelatedIncomeTaxEffectDetailsAccumulated Other
Comprehensive Loss - Schedule of Before Tax Income (Loss) and Related Income Tax Effect (Details)Details71 falsefalseR72.htm9954513 - Disclosure - Accumulated Other
Comprehensive Loss - Schedule of Changes in Accumulated Other Comprehensive Income (Loss)
(Details)Sheethttp://ingersollrand.com/role/AccumulatedOtherComprehensiveLossScheduleofChangesinAccumulatedOtherComprehensiveIncomeLossDetailsAccumulated
Other Comprehensive Loss - Schedule of Changes in Accumulated Other Comprehensive Income (Loss) (Details)Details72 falsefalseR73.htm9954514 - Disclosure -
Accumulated Other Comprehensive Loss - Schedule of Reclassifications out of AOCI
(Details)Sheethttp://ingersollrand.com/role/AccumulatedOtherComprehensiveLossScheduleofReclassificationsoutofAOCIDetailsAccumulated Other Comprehensive Loss -
Schedule of Reclassifications out of AOCI (Details)Details73 falsefalseR74.htm9954515 - Disclosure - Hedging Activities and Derivative Instruments - Narrative
(Details)Sheethttp://ingersollrand.com/role/HedgingActivitiesandDerivativeInstrumentsNarrativeDetailsHedging Activities and Derivative Instruments - Narrative
(Details)Details74 falsefalseR75.htm9954516 - Disclosure - Hedging Activities and Derivative Instruments - Schedule of Balance Sheets
(Details)Sheethttp://ingersollrand.com/role/HedgingActivitiesandDerivativeInstrumentsScheduleofBalanceSheetsDetailsHedging Activities and Derivative Instruments -
Schedule of Balance Sheets (Details)Details75 falsefalseR76.htm9954517 - Disclosure - Hedging Activities and Derivative Instruments - Schedule of Long Term Hedge
(Details)Sheethttp://ingersollrand.com/role/HedgingActivitiesandDerivativeInstrumentsScheduleofLongTermHedgeDetailsHedging Activities and Derivative Instruments -
Schedule of Long Term Hedge (Details)Details76 falsefalseR77.htm9954518 - Disclosure - Hedging Activities and Derivative Instruments - Schedule of Cash Flow Hedges
included in Accumulated Other Comprehensive Income (Loss)
(Details)Sheethttp://ingersollrand.com/role/HedgingActivitiesandDerivativeInstrumentsScheduleofCashFlowHedgesincludedinAccumulatedOtherComprehensiveIncomeLossDet
ailsActivities and Derivative Instruments - Schedule of Cash Flow Hedges included in Accumulated Other Comprehensive Income (Loss) (Details)Details77
falsefalseR78.htm9954519 - Disclosure - Hedging Activities and Derivative Instruments - Schedule of Net Investment Hedges included in Accumulated Other Comprehensive
Income (Loss)
(Details)Sheethttp://ingersollrand.com/role/HedgingActivitiesandDerivativeInstrumentsScheduleofNetInvestmentHedgesincludedinAccumulatedOtherComprehensiveIncomeLos
sActivities and Derivative Instruments - Schedule of Net Investment Hedges included in Accumulated Other Comprehensive Income (Loss) (Details)Details78
falsefalseR79.htm9954520 - Disclosure - Hedging Activities and Derivative Instruments - Schedule of Derivative Instruments not Designated as Accounting Hedges
(Details)Sheethttp://ingersollrand.com/role/HedgingActivitiesandDerivativeInstrumentsScheduleofDerivativeInstrumentsnotDesignatedasAccountingHedgesDetailsHedging
Activities and Derivative Instruments - Schedule of Derivative Instruments not Designated as Accounting Hedges (Details)Details79 falsefalseR80.htm9954521 - Disclosure -
Fair Value Measurements - Schedule of Fair Value Measurements
(Details)Sheethttp://ingersollrand.com/role/FairValueMeasurementsScheduleofFairValueMeasurementsDetailsFair Value Measurements - Schedule of Fair Value
Measurements (Details)Details80 falsefalseR81.htm9954522 - Disclosure - Fair Value Measurements - Schedule of Contingent Consideration
(Details)Sheethttp://ingersollrand.com/role/FairValueMeasurementsScheduleofContingentConsiderationDetailsFair Value Measurements - Schedule of Contingent
Consideration (Details)Details81 falsefalseR82.htm9954523 - Disclosure - Revenue from Contracts with Customers - Schedule of Disaggregation of Revenue
(Details)Sheethttp://ingersollrand.com/role/RevenuefromContractswithCustomersScheduleofDisaggregationofRevenueDetailsRevenue from Contracts with Customers -
Schedule of Disaggregation of Revenue (Details)Details82 falsefalseR83.htm9954524 - Disclosure - Revenue from Contracts with Customers - Remaining Performance
Obligation (Details)Sheethttp://ingersollrand.com/role/RevenuefromContractswithCustomersRemainingPerformanceObligationDetailsRevenue from Contracts with Customers
- Remaining Performance Obligation (Details)Details83 falsefalseR84.htm9954525 - Disclosure - Revenue from Contracts with Customers - Schedule of Contract Balances
(Details)Sheethttp://ingersollrand.com/role/RevenuefromContractswithCustomersScheduleofContractBalancesDetailsRevenue from Contracts with Customers - Schedule of
Contract Balances (Details)Details84 falsefalseR85.htm9954526 - Disclosure - Income Taxes (Details)Sheethttp://ingersollrand.com/role/IncomeTaxesDetailsIncome Taxes
(Details)Details85 falsefalseR86.htm9954527 - Disclosure - Other Operating Expense, Net
(Details)Sheethttp://ingersollrand.com/role/OtherOperatingExpenseNetDetailsOther Operating Expense, Net
(Details)Details86 falsefalseR87.htm9954528 - Disclosure - Contingencies - Narrative
(Details)Sheethttp://ingersollrand.com/role/ContingenciesNarrativeDetailsContingencies - Narrative (Details)Details87 falsefalseR88.htm9954529 - Contingencies -
Schedule of Discontinued Operations (Details)Sheethttp://ingersollrand.com/role/ContingenciesScheduleofDiscontinuedOperationsDetailsContingencies - Schedule of
Discontinued Operations (Details)Details88 falsefalseR89.htm9954530 - Disclosure - Segment Results - Narrative
(Details)Sheethttp://ingersollrand.com/role/SegmentResultsNarrativeDetailsSegment Results - Narrative (Details)Details89 falsefalseR90.htm9954531 - Disclosure - Segment
Results - Schedule of Segment Results (Details)Sheethttp://ingersollrand.com/role/SegmentResultsScheduleofSegmentResultsDetailsSegment Results - Schedule of Segment
Results (Details)Details90 falsefalseR91.htm9954532 - Disclosure - Earnings Per Share - Schedule of Basic and Diluted Earnings Per Share
(Details)Sheethttp://ingersollrand.com/role/EarningsPerShareScheduleofBasicandDilutedEarningsPerShareDetailsEarnings Per Share - Schedule of Basic and Diluted
Earnings Per Share (Details)Details91 falsefalseR92.htm9954533 - Disclosure - Earnings Per Share - Narrative
(Details)Sheethttp://ingersollrand.com/role/EarningsPerShareNarrativeDetailsEarnings Per Share - Narrative (Details)Details92 falsefalseAll ReportsBookAll Reports iri-
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Excludes net income (loss) and accumulated changes in equity from transactions resulting from investments by owners and distributions to owners." } } ; "auth_ref": "r5", "r19", "r35", "r619", "r622", "r671", "r762", "r763", "r1054", "r1055", "r1056", "r1063", "r1066", "r1067", "r1068" } } ; "us-gaap-AccumulatedTranslationAdjustmentMember"; { "xbrltype": "domainItemType"; "nsuri": "http://fasb.org/us-gaap/2024"; "localname": "AccumulatedTranslationAdjustmentMember"; "presentation": { "http://ingersollrand.com/role/AccumulatedOtherComprehensiveLossScheduleofChangesInAccumulatedOtherComprehensiveIncomeLossDetails"; "lang": "en-us"; "role": "terseLabel"; "Foreign Currency Translation Adjustments-Net"; "label": "Accumulated Foreign Currency Adjustment Attributable to Parent [Member]"; "documentation": "Accumulated other comprehensive income (loss) resulting from foreign currency translation adjustments, foreign currency transactions designated and effective as economic hedges of a net investment in a foreign entity and intra-entity foreign currency transactions that are of a long-term investment nature, attributable to the parent." } } ; 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Includes only common stock transactions (excludes preferred stock transactions). May be called contributed capital, capital in excess of par, capital surplus, or paid-in capital." } } ; "auth_ref": "r123" } } ; "us-gaap-AdditionalPaidInCapitalMember"; { "xbrltype": "domainItemType"; "nsuri": "http://fasb.org/us-gaap/2024"; "localname": "AdditionalPaidInCapitalMember"; "presentation": { "http://ingersollrand.com/role/CONDENSEDCONSOLIDATEDSTATEMENTSOFFSTOCKHOLDERSEQUITY"; "lang": "en-us"; "role": "terseLabel"; "Capital in Excess of Par Value"; "label": "Additional Paid-in Capital [Member]"; "documentation": "Excess of issue price over par or stated value of the entity's capital stock and amounts received from other transactions involving the entity's stock or stockholders." } } ; "auth_ref": "r776", "r1065", "r1066", "r1067", "r1068", "r1149", "r1215" } } ; "ecd-AdjToCompAmt"; { "xbrltype": "monetaryItemType"; "nsuri": "http://xbrl.sec.gov/ecd/2024"; "localname": "AdjToCompAmt"; "presentation": { "http://xbrl.sec.gov/ecd/role/PvpDisclosure"; "lang": "en-us"; "role": "terseLabel"; "Adjustment to Compensation, Amount"; "label": "Adjustment to Compensation Amount"; "auth_ref": "r1006" } } ; "ecd-AdjToCompAxis"; { "xbrltype": "stringItemType"; "nsuri": "http://xbrl.sec.gov/ecd/2024"; "localname": "AdjToCompAxis"; "presentation": { "http://xbrl.sec.gov/ecd/role/PvpDisclosure"; "lang": "en-us"; "role": "terseLabel"; "Adjustment to Compensation, Axis"; "label": "Adjustment to Compensation [Axis]"; "auth_ref": "r1006" } } ; "ecd-AdjToNonPeoNeocompFnTextBlock"; { "xbrltype": "textBlockItemType"; "nsuri": "http://xbrl.sec.gov/ecd/2024"; "localname": "AdjToNonPeoNeocompFnTextBlock"; "presentation": { "http://xbrl.sec.gov/ecd/role/PvpDisclosure"; "lang": "en-us"; "role": "terseLabel"; "Adjustment to Non-PEO-NEO Compensation Footnote"; "label": "Adjustment to Non-PEO-NEO Compensation Footnote [Text Block]"; "auth_ref": "r1006" } } ; "ecd-AdjToPeoCompFnTextBlock"; { "xbrltype": "textBlockItemType"; "nsuri": "http://xbrl.sec.gov/ecd/2024"; "localname": "AdjToPeoCompFnTextBlock"; "presentation": { "http://xbrl.sec.gov/ecd/role/PvpDisclosure"; "lang": "en-us"; "role": "terseLabel"; "Adjustment to PEO Compensation, Footnote"; "label": "Adjustment to PEO Compensation, Footnote [Text Block]"; "auth_ref": "r1006" } } ; "iri-AdjustedEBITDA"; { "xbrltype": "monetaryItemType"; "nsuri": "http://ingersollrand.com/20240630"; "localname": "AdjustedEBITDA"; "crdr": "credit"; "calculation": { "http://ingersollrand.com/role/SegmentResultsScheduleofSegmentResultsDetails"; "parentTag": "us-gaap-IncomeLossFromContinuingOperationsBeforeIncomeTaxesMinorityInterestAndIncomeLossFromEquityMethodInvestments"; "weight": 1.0; "order": 3.0 } } ; "presentation": { "http://ingersollrand.com/role/SegmentResultsScheduleofSegmentResultsDetails"; "lang": "en-us"; "role": "terseLabel"; "Segment Adjusted EBITDA"; "label": "Adjusted EBITDA"; "documentation": "Earnings before interest, tax, depreciation and amortization (EBITDA) is a supplemental measure of the Company's operating performance. Adjusted EBITDA represents net (loss) income before interest, taxes, depreciation and amortization, as further adjusted to exclude certain non-cash, non-recurring and other adjustment items." } } ; "auth_ref": "r1", "us-gaap-AdjustmentsToAdditionalPaidInCapitalShareBasedCompensationStockOptionsRequisiteServicePeriodRecognition"; { "xbrltype": "monetaryItemType"; "nsuri": "http://fasb.org/us-gaap/2024"; "localname": "AdjustmentsToAdditionalPaidInCapitalShareBasedCompensationStockOptionsRequisiteServicePeriodRecognition"; "crdr": "credit"; "presentation": { "http://ingersollrand.com/role/CONDENSEDCONSOLIDATEDSTATEMENTSOFFSTOCKHOLDERSEQUITY"; "lang": "en-us"; "role": "terseLabel"; "Stock-based compensation"; "label": "APIC, Share-Based Payment Arrangement, Option, Increase for Cost Recognition"; "documentation": "Amount of increase to additional paid-in capital (APIC) for recognition of cost for option under share-based payment arrangement." } } ; "auth_ref": "r1", "us-gaap-AdjustmentsToReconcileNetIncomeLossToCashProvidedByUsedInOperatingActivitiesAbstract"; { "xbrltype": "stringItemType"; "nsuri": "http://fasb.org/us-gaap/2024"; "localname": "AdjustmentsToReconcileNetIncomeLossToCashProvidedByUsedInOperatingActivitiesAbstract"; "presentation": { "http://ingersollrand.com/role/CONDENSEDCONSOLIDATEDSTATEMENTSOFCASHFLOWS"; "lang": "en-us"; "role": "terseLabel"; "Adjustments to reconcile net income to net cash provided by operating activities"; "label": "Adjustments to Reconcile Net Income (Loss) to Cash Provided by (Used in) Operating Activities [Abstract]"; "auth_ref": "r1", "iri-AftermarketMember"; { "xbrltype": "domainItemType"; "nsuri": "http://ingersollrand.com/20240630"; "localname": "AftermarketMember"; "presentation": { "http://ingersollrand.com/role/RevenuefromContractswithCustomersScheduleofDisaggregationofRevenueDetails"; "lang": "en-us"; "role": "terseLabel"; "Aftermarket"; "label": "Aftermarket [Member]"; "documentation": "Aftermarket (merchandise), any market where customers who buy one product or service are likely to buy a related, follow-on product." } } ; "auth_ref": "r1", "ecd-AggtChngPnsnValInSummaryCompstnTblForApblByrMember"; { "xbrltype": "domainItemType"; "nsuri": "http://xbrl.sec.gov/ecd/2024"; "localname": "AggtChngPnsnValInSummaryCompstnTblForApblByrMember"; "presentation": { "http://xbrl.sec.gov/ecd/role/PvpDisclosure"; "lang": "en-us"; "role": "terseLabel"; "Aggregate Change in Present Value of Accumulated Benefit for All Pension Plans Reported in Summary Compensation Table"; "label": "Aggregate Change in Present Value of Accumulated Benefit for All Pension Plans Reported in Summary Compensation Table [Member]"; "auth_ref": "r1039" } } ; "ecd-AggtErrCompAmt"; { "xbrltype": "monetaryItemType"; "nsuri": "http://xbrl.sec.gov/ecd/2024"; "localname": "AggtErrCompAmt"; "presentation": { "http://xbrl.sec.gov/ecd/role/ErrCompDisclosure"; "lang": "en-us"; "role": "terseLabel"; "Aggregate Erroneous Compensation Amount"; "label": "Aggregate Erroneous Compensation Amount"; "auth_ref": "r965", "r975", "r985", "r1017" } } ; "ecd-AggtErrCompNotYetDeterminedTextBlock"; { "xbrltype": "textBlockItemType"; "nsuri": "http://xbrl.sec.gov/ecd/2024"; "localname": "AggtErrCompNotYetDeterminedTextBlock"; "presentation": { "http://xbrl.sec.gov/ecd/role/ErrCompDisclosure"; "lang": "en-us"; "role": "terseLabel"; "Aggregate Erroneous Compensation Not Yet Determined"; "label": "Aggregate Erroneous Compensation Not Yet Determined [Text Block]"; "auth_ref": "r968", "r978", "r988", "r1020" } } ; "ecd-AggtPnsnAdjsSvcCstMember"; { "xbrltype": "domainItemType"; "nsuri": "http://xbrl.sec.gov/ecd/2024"; "localname": "AggtPnsnAdjsSvcCstMember"; "presentation": { "http://xbrl.sec.gov/ecd/role/PvpDisclosure"; "lang": "en-us"; "role": "terseLabel"; "Aggregate Pension Adjustments Service Cost"; "label": "Aggregate Pension Adjustments Service Cost [Member]"; "auth_ref": "r1040" } } ; "iri-AirSystemsLLCMember"; { "xbrltype": "domainItemType"; "nsuri": "http://ingersollrand.com/20240630"; "localname": "AirSystemsLLCMember"; "presentation": { "http://ingersollrand.com/role/AcquisitionsNarrativeDetails"; "lang": "en-us"; "role": "terseLabel"; "Air Systems, LLC"; "label": "Air Systems, LLC [Member]"; "documentation": "Air Systems, LLC"; "auth_ref": "r1", "ecd-AllAdjToCompMember"; { "xbrltype": "domainItemType"; "nsuri": "http://xbrl.sec.gov/ecd/2024"; "localname": "AllAdjToCompMember"; "presentation": { "http://xbrl.sec.gov/ecd/role/PvpDisclosure"; "lang": "en-us"; "role": "terseLabel"; "All Adjustments to Compensation"; "label": "All Adjustments to Compensation [Member]"; "auth_ref": "r1006" } } ; "ecd-AllExecutiveCategoriesMember"; { "xbrltype": "domainItemType"; "nsuri": "http://xbrl.sec.gov/ecd/2024"; "localname": "AllExecutiveCategoriesMember"; "presentation": { "http://xbrl.sec.gov/ecd/role/PvpDisclosure"; "lang": "en-us"; "role": "terseLabel"; "All Executive Categories"; "label": "All Executive Categories [Member]"; "auth_ref": "r1013" } } ; "ecd-AllIndividualsMember"; { "xbrltype": "domainItemType"; "nsuri": "http://xbrl.sec.gov/ecd/2024"; "localname": "AllIndividualsMember"; "presentation": { "http://xbrl.sec.gov/ecd/role/AwardTimingDisclosure"; "http://xbrl.sec.gov/ecd/role/ErrCompDisclosure"; "http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements"; "http://xbrl.sec.gov/ecd/role/PvpDisclosure"; "lang": "en-us"; "role": "terseLabel"; "All Individuals"; "label": "All Individuals [Member]"; "auth_ref": "r969", "r979", "r989", "r1013", "r1021", "r1025", "r1033" } } ; "ecd-AllTradingArrangementsMember"; { "xbrltype": "domainItemType"; "nsuri": "http://xbrl.sec.gov/ecd/2024"; "localname": "AllTradingArrangementsMember"; "presentation": { "http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements"; "lang": "en-us"; "role": "terseLabel"; "All Trading Arrangements"; "label": "All Trading Arrangements [Member]"; "auth_ref": "r1031" } } ; "us-gaap-AllocatedShareBasedCompensationExpense"; { "xbrltype": "monetaryItemType"; "nsuri": "http://fasb.org/us-gaap/2024"; "localname": "AllocatedShareBasedCompensationExpense"; "crdr": "debit"; "presentation": { "http://ingersollrand.com/role/StockBasedCompensationPlansNarrativeDetails"; "lang": "en-us"; "role": "terseLabel"; "Share-based payment arrangement, expense"; "label": "Share-Based Payment Arrangement, Expense"; "documentation": "Amount of expense for award under share-based payment arrangement. Excludes amount capitalized." } } ; "auth_ref": "r563", "r568" } } ; "us-gaap-AllowanceForDoubtfulAccountsReceivable"; { "xbrltype": "monetaryItemType"; "nsuri": "http://fasb.org/us-gaap/2024"; "localname": "AllowanceForDoubtfulAccountsReceivable"; "crdr": "credit"; "presentation": { "http://ingersollrand.com/role/AllowanceforCreditLossesDetails"; "lang": "en-us"; "role": "periodStartLabel"; "Balance at beginning of the period"; "periodEndLabel": "Balance at end of the period"; "label": "Accounts Receivable, Allowance for Credit Loss"; "documentation": "Amount of allowance for credit loss on accounts receivable." } } ; "auth_ref": "r217", "r318", "r323", "r324", "r327", "r1181" } } ; "us-gaap-AllowanceForDoubtfulAccountsReceivableCurrent"; { "xbrltype": "monetaryItemType"; "nsuri": "http://fasb.org/us-gaap/2024"; "localname": "AllowanceForDoubtfulAccountsReceivableCurrent"; "crdr": "credit"; "presentation": { "http://ingersollrand.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETSParentetical"; "lang": "en-us"; "role": "terseLabel"; "Allowance for doubtful accounts"; "label": "Accounts Receivable, Allowance for Credit Loss, Current"; "documentation": "Amount of allowance for credit loss on accounts receivable, classified as current." } } ; "auth_ref": "r217", "r318", "r323" } } ; "us-gaap-AllowanceForDoubtfulAccountsReceivableRollforward"; { "xbrltype": "stringItemType"; "nsuri": "http://fasb.org/us-gaap/2024"; "localname": "AllowanceForDoubtfulAccountsReceivableRollforward"; "presentation": { "http://ingersollrand.com/role/AllowanceforCreditLossesDetails"; "lang": "en-us"; "role": "terseLabel"; "Accounts Receivable, Allowance for Credit Loss [Roll Forward]"; "label": "Accounts Receivable, Allowance for Credit Loss [Roll Forward]"; "documentation": "A roll forward is a reconciliation of a concept from the beginning of a period to the end of a period." } } ; "auth_ref": "r1", "us-gaap-AllowanceForDoubtfulAccountsReceivableWriteOffs"; { "xbrltype": "monetaryItemType"; "nsuri": "http://fasb.org/us-gaap/2024"; "localname": "AllowanceForDoubtfulAccountsReceivableWriteOffs"; "crdr": "debit"; "presentation": { "http://ingersollrand.com/role/AllowanceforCreditLossesDetails"; "lang": "en-us"; "role": "negatedLabel"; "Write-offs, net of recoveries"; "label": "Accounts Receivable, Allowance for Credit Loss, Writeoff"; "documentation": "Amount of direct write-downs of accounts receivable charged against the allowance." } } ; "auth_ref": "r326" } } ; "dei-AmendmentFlag"; { "xbrltype": "booleanItemType"; "nsuri": "http://xbrl.sec.gov/dei/2024"; "localname": "AmendmentFlag"; "presentation": { "http://ingersollrand.com/role/Cover"; "lang": "en-us"; "role": "terseLabel"; "Amendment" } } ;

"Flag": "label", "Amendment Flag": "documentation", "Boolean flag that is true when the XBRL content amends previously-filed or accepted submission." } } }, "auth_ref": "11", "rt_AmericasMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/rt/2024", "localname": "AmericasMember", "presentation": "http://ingersollrand.com/role/RevenueFromContractsWithCustomersScheduleofDisaggregationofRevenueDetails", "lang": { "en-us": { "role": { "terseLabel": "Americas", "label": "Americas [Member]" } } }, "auth_ref": { "r1217": "r1218", "r1219": "r1220" } }, "us-gaap_AmortizationOfIntangibleAssets": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AmortizationOfIntangibleAssets", "crdr": "debit", "calculation": { "parentTag": "us-gaap_OperatingIncomeLoss", "weight": -1.0, "order": 1.0 }, "http://ingersollrand.com/role/CONDENSEDCONSOLIDATEDSTATEMENTSOFOPERATIONS", "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": 1.0, "order": 9.0 } }, "presentation": "http://ingersollrand.com/role/CONDENSEDCONSOLIDATEDSTATEMENTSOFOPERATIONS", "lang": { "en-us": { "role": { "terseLabel": "Amortization of intangible assets", "verboseLabel": "Amortization of intangible assets", "label": "Amortization of Intangible Assets", "documentation": "The aggregate expense charged against earnings to allocate the cost of intangible assets (nonphysical assets not used in production) in a systematic and rational manner to the periods expected to benefit from such assets. As a noncash expense, this element is added back to net income when calculating cash provided by or used in operations using the indirect method." } } }, "auth_ref": { "r15": "r343", "r350", "r888" } }, "us-gaap_AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareAmount": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareAmount", "presentation": "http://ingersollrand.com/role/EarningsPerShareNarrativeDetails", "lang": { "en-us": { "role": { "terseLabel": "Antidilutive securities excluded from computation of earnings per share (in shares)", "label": "Antidilutive Securities Excluded from Computation of Earnings Per Share, Amount", "documentation": "Securities (including those issuable pursuant to contingent stock agreements) that could potentially dilute basic earnings per share (EPS) or earnings per unit (EPU) in the future that were not included in the computation of diluted EPS or EPU because to do so would increase EPS or EPU amounts or decrease loss per share or unit amounts for the period presented." } } }, "auth_ref": { "r277": "r1", "iri_AsbestosAndSilicaRelatedLitigationMember": { "xbrltype": "domainItemType", "nsuri": "http://ingersollrand.com/20240630", "localname": "AsbestosAndSilicaRelatedLitigationMember", "presentation": "http://ingersollrand.com/role/BasisofPresentationandRecentAccountingPronouncementsDetails", "http://ingersollrand.com/role/ContingenciesNarrativeDetails", "lang": { "en-us": { "role": { "terseLabel": "Asbestos and Silica Related Litigation", "label": "Asbestos And Silica Related Litigation [Member]", "documentation": "The Company has been named as a defendant in a number of asbestos-related and silica-related personal injury lawsuits. The plaintiffs in these suits allege exposure to asbestos or silica from multiple sources." } } }, "auth_ref": "iri_AsbestosPortfolioSaleMember": { "xbrltype": "domainItemType", "nsuri": "http://ingersollrand.com/20240630", "localname": "AsbestosPortfolioSaleMember", "presentation": "http://ingersollrand.com/role/ContingenciesNarrativeDetails", "http://ingersollrand.com/role/ContingenciesScheduleofDiscontinuedOperationsDetails", "lang": { "en-us": { "role": { "terseLabel": "Asbestos Portfolio Sale", "label": "Asbestos Portfolio Sale [Member]", "documentation": "Asbestos Portfolio Sale" } } }, "auth_ref": "rt_AsiaPacificMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/rt/2024", "localname": "AsiaPacificMember", "presentation": "http://ingersollrand.com/role/RevenueFromContractsWithCustomersScheduleofDisaggregationofRevenueDetails", "lang": { "en-us": { "role": { "terseLabel": "Asia Pacific", "label": "Asia Pacific [Member]" } } }, "auth_ref": { "r1217": "r1218", "r1219": "r1220" } }, "us-gaap_Assets": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "Assets", "crdr": "debit", "calculation": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": "http://ingersollrand.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETS", "lang": { "en-us": { "role": { "totalLabel": "Total assets", "label": "Assets", "documentation": "Amount of asset recognized for present right to economic benefit." } } }, "auth_ref": { "r183": "r196", "r214", "r249", "r251", "r287", "r305", "r309", "r320", "r396", "r397", "r399", "r400", "r401", "r402", "r403", "r405", "r406", "r602", "r608", "r651", "r719", "r804", "r881", "r882", "r928", "r956", "r1120", "r1129", "r1171" } }, "us-gaap_AssetsAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "Assets Abstract", "presentation": "http://ingersollrand.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETS", "lang": { "en-us": { "role": { "terseLabel": "Assets", "label": "Assets [Abstract]" } } }, "auth_ref": "us-gaap_AssetsCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "Assets Current", "crdr": "debit", "calculation": { "parentTag": "us-gaap_Assets", "weight": 1.0, "order": 5.0 } }, "presentation": "http://ingersollrand.com/role/CONDENSEDCONSOLIDATEDBALANCESHEETS", "lang": { "en-us": { "role": { "totalLabel": "Total current assets", "label": "Assets, Current", "documentation": "Amount of asset recognized for present right to economic benefit, classified as current." } } }, "auth_ref": { "r209": "r220", "r249", "r320", "r396", "r397", "r399", "r400", "r401", "r402", "r403", "r405", "r406", "r602", "r608", "r651", "r928", "r1120", "r1129", "r1171" } }, "us-gaap_AssetsCurrentAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "Assets Current Abstract", "presentation": 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"http://ingersollrand.com/role/FairValueMeasurementsScheduleofFairValueMeasurementsDetails", "lang": { "en-us": { "role": { "terseLabel": "Financial Assets", "label": "Assets, Fair Value Disclosure [Abstract]" } } }, "auth_ref": "ecd_AwardExrcPrice": { "xbrltype": "perShareItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "AwardExrcPrice", "presentation": "http://xbrl.sec.gov/ecd/role/AwardTimingDisclosure", "lang": { "en-us": { "role": { "terseLabel": "Exercise Price", "label": "Award Exercise Price" } } }, "auth_ref": "ecd_AwardGrantDateFairValue": { "xbrltype": "monetaryItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "AwardGrantDateFairValue", "presentation": "http://xbrl.sec.gov/ecd/role/AwardTimingDisclosure", "lang": { "en-us": { "role": { "terseLabel": "Fair Value as of Grant Date", "label": "Award Grant Date Fair Value" } } }, "auth_ref": "ecd_AwardTmgDiscLineItems": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", 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These shares represent capital invested by the firm's shareholders and owners, and may be all or only a portion of the number of shares authorized. Shares issued include shares outstanding and shares held in the treasury." } } }, "auth_ref": { "r123" } }, "us-gaap_CommonStockSharesOutstanding": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockSharesOutstanding", "presentation": { "http://ingersollrand.com/role/CONDENSEDCONSOLIDATEDSTATEMENTSOFCOMPREHENSIVEINCOMELOSS": { "lang": { "en-us": { "role": { "periodStartLabel": "Balance at beginning of period (in shares)", "periodEndLabel": "Balance at end of period (in shares)", "label": "Common Stock, Shares, Outstanding", "documentation": "Number of shares of common stock outstanding. 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Note: elements for number of nonredeemable common shares, par value and other disclosure concepts are in another section within stockholders' equity." } } }, "auth_ref": { "r123", "r723", "r928" } }, "ecd_CompActuallyPaidVsCoSelectedMeasureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "CompActuallyPaidVsCoSelectedMeasureTextBlock", "presentation": { "http://xbrl.sec.gov/ecd/role/PvpDisclosure": { "lang": { "en-us": { "role": { "terseLabel": "Compensation Actually Paid vs. Company Selected Measure", "label": "Compensation Actually Paid vs. Company Selected Measure [Text Block]", "documentation": "Compensation Actually Paid vs. Net Income [Text Block]", "auth_ref": { "r1009" } } } } }, "ecd_CompActuallyPaidVsOtherMeasureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "CompActuallyPaidVsOtherMeasureTextBlock", "presentation": { "http://xbrl.sec.gov/ecd/role/PvpDisclosure": { "lang": { "en-us": { "role": { "terseLabel": "Compensation Actually Paid vs. Other Measure", "label": "Compensation Actually Paid vs. Other Measure [Text Block]", "documentation": "Compensation Actually Paid vs. Total Shareholder Return [Text Block]", "auth_ref": { "r1011" } } } } }, "ecd_CompActuallyPaidVsTotalShareholderRtnTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "CompActuallyPaidVsTotalShareholderRtnTextBlock", "presentation": { "http://xbrl.sec.gov/ecd/role/PvpDisclosure": { "lang": { "en-us": { "role": { "terseLabel": "Compensation Actually Paid vs. Total Shareholder Return", "label": "Compensation Actually Paid vs. Total Shareholder Return [Text Block]", "documentation": "Compensation And Retirement Disclosure Abstract", "auth_ref": { "r1008" } } } } }, "us-gaap_CompensationAndRetirementDisclosureAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CompensationAndRetirementDisclosureAbstract", "lang": { "en-us": { "role": { "terseLabel": "Retirement Benefits [Abstract]", "label": "Retirement Benefits [Abstract]", "documentation": "Complete Air And Power Solutions Member", "presentation": { "http://ingersollrand.com/role/AcquisitionsNarrativeDetails": { "lang": { "en-us": { "role": { "terseLabel": "CAPS", "label": "Complete Air And Power Solutions [Member]", "documentation": "Complete Air And Power Solutions", "auth_ref": { "r1008" } } } } }, "us-gaap_ComprehensiveIncomeNetOfTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ComprehensiveIncomeNetOfTax", "crdr": "credit", "calculation": { "http://ingersollrand.com/role/CONDENSEDCONSOLIDATEDSTATEMENTSOFCOMPREHENSIVEINCOMELOSS": { "parentTag": null, "weight": null, "order": null, "root": true } }, "http://ingersollrand.com/role/CONDENSEDCONSOLIDATEDSTATEMENTSOFCOMPREHENSIVEINCOMELOSS_1": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": { "http://ingersollrand.com/role/CONDENSEDCONSOLIDATEDSTATEMENTSOFCOMPREHENSIVEINCOMELOSS": { "lang": { "en-us": { "role": { "totalLabel": "Comprehensive income attributable to Ingersoll Rand Inc.", "label": "Comprehensive Income (Loss), Net of Tax, Attributable to Parent", "documentation": "Amount after tax of increase (decrease) in equity from transactions and other events and circumstances from net income and other comprehensive income attributable to parent entity. Excludes changes in equity resulting from investments by owners and distributions to owners." } } }, "auth_ref": { "r36", "r228", "r230", "r237", "r716", "r734", "r736" } }, "us-gaap_ComprehensiveIncomeNetOfTaxAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ComprehensiveIncomeNetOfTaxAbstract", "presentation": { "http://ingersollrand.com/role/accumulatedOtherComprehensiveLossScheduleofBeforeTaxIncomeLossandRelatedIncomeTaxEffectDetails": { "http://ingersollrand.com/role/CONDENSEDCONSOLIDATEDSTATEMENTSOFCOMPREHENSIVEINCOMELOSS": { "lang": { "en-us": { "role": { "terseLabel": "Comprehensive Income Attributable to Ingersoll Rand Inc.", "label": "Income Tax Effect and Accumulated Balances [Abstract]", "documentation": "Comprehensive Income (Loss), Net of Tax, Attributable to Parent [Abstract]", "auth_ref": { "r1008" } } } } }, "us-gaap_ComprehensiveIncomeNetOfTaxAttributableToNoncontrollingInterest": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ComprehensiveIncomeNetOfTaxAttributableToNoncontrollingInterest", "crdr": "debit", "calculation": { "http://ingersollrand.com/role/CONDENSEDCONSOLIDATEDSTATEMENTSOFCOMPREHENSIVEINCOMELOSS": { "parentTag": "us-gaap_ComprehensiveIncomeNetOfTax", "weight": -1.0, "order": 1.0 } }, "http://ingersollrand.com/role/CONDENSEDCONSOLIDATEDSTATEMENTSOFCOMPREHENSIVEINCOMELOSS": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": { "http://ingersollrand.com/role/CONDENSEDCONSOLIDATEDSTATEMENTSOFCOMPREHENSIVEINCOMELOSS": { "lang": { "en-us": { "role": { "totalLabel": "Comprehensive income attributable to noncontrolling interests", "label": "Comprehensive Income (Loss), Net of Tax, Attributable to Noncontrolling Interest", "documentation": "Amount after tax of increase (decrease) in equity from transactions and other events and circumstances from net income (loss) and other comprehensive income (loss), attributable to noncontrolling interests. 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Includes, but is not limited to, amount in excess of 10 percent of greater of fair value of plan assets or benefit obligation." } } , "auth_ref": ["r456", "r494", "r519"] , "us-gaap_DefinedBenefitPlanAmortizationOfPriorServiceCostCredit": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanAmortizationOfPriorServiceCostCredit", "crdr": "debit", "calculation": ["http://ingersollrand.com/role/BenefitPlansDetails"] , "parentTag": "us-gaap_DefinedBenefitPlanNetPeriodicBenefitCost", "weight": 1.0, "order": 2.0 } } , "presentation": ["http://ingersollrand.com/role/BenefitPlansDetails"] , "lang": ["en-us"] , "role": ["role"] , "terseLabel": "Unrecognized prior service cost", "label": "Defined Benefit Plan, Amortization of Prior Service Cost (Credit)", "documentation": "Amount of prior service cost (credit) recognized in net periodic benefit cost (credit) of defined benefit plan." } } , "auth_ref": ["r456", "r495", "r520", "r906", "r907"] , "us-gaap_DefinedBenefitPlanDisclosureLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanDisclosureLineItems", "presentation": ["http://ingersollrand.com/role/BenefitPlansDetails"] , "lang": ["en-us"] , "role": ["role"] , "terseLabel": "Defined Benefit Plan Disclosure Line Items", "label": "Defined Benefit Plan Disclosure Line Items", "documentation": "Line items represent financial concepts included in a table. 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Q1, Q2, and Q3 respectively, with 10-K, 10-KT or other fiscal year statements having FY."}}},"auth_ref":{"r1140"},
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the EDGAR submission types of Form 8-K, the date of the report, the date of the earliest event reported, for the EDGAR submission types of Form N-1A, the filing date, for all
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Reflected in Total Compensation for Covered Year"},"label":"Dividends or Other Earnings Paid on Equity Awards not Otherwise Reflected in Total Compensation for Covered
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reporting period."}}},"auth_ref":{"r238","r257","r258","r259","r260","r261","r262","r267","r269","r274","r275","r276","r280","r293","r600","r626","r627",
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cash and cash equivalents"},"label":"Effect of Exchange Rate on Cash, Cash Equivalents, Restricted Cash, and Restricted Cash Equivalents, Continuing Operations",
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or usage, held in foreign currencies. Excludes amounts for disposal group and discontinued operations. Cash includes, but is not limited to, currency on hand, demand
deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. Cash equivalents include, but are not limited to, short-term,
highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value
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A noncontrolling interest is sometimes called a minority interest." } }}, {"auth_ref": {"r69", "r436", "r1065", "r1066", "r1067", "r1068", "r1215"}}, {"us-gaap NondesignatedMember": {"xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NondesignatedMember"}, {"presentation": {"http://ingersollrand.com/role/HedgingActivitiesandDerivativeInstrumentsScheduleofBalanceSheetsDetails"}; {"lang": {"en-us": {"role": {"terseLabel": "Derivatives Not Designated as Hedging Instruments", "label": "Not Designated as Hedging Instrument [Member]"}, {"documentation": "Derivative instrument not designated as hedging instrument under Generally Accepted Accounting Principles (GAAP)."} }}, {"auth_ref": {"r21"}}, {"us-gaap NumberOfBusinessesAcquired": {"xbrltype": "integerItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NumberOfBusinessesAcquired"}, {"presentation": {"http://ingersollrand.com/role/AcquisitionsNarrativeDetails"}; {"lang": {"en-us": {"role": {"terseLabel": "Number of businesses acquired", "label": "Number of Businesses Acquired"}, {"documentation": "The number of businesses acquired by the entity during the period." } }}, {"auth_ref": {}}, {"us-gaap NumberOfReportableSegments": {"xbrltype": "integerItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NumberOfReportableSegments"}, {"presentation": {"http://ingersollrand.com/role/SegmentResultsNarrativeDetails"}; {"lang": {"en-us": {"role": {"terseLabel": "Number of reportable segments", "label": "Number of Reportable Segments"}, {"documentation": "Number of segments reported by the entity. A reportable segment is a component of an entity for which there is an accounting requirement to report separate financial information on that component in the entity's financial statements." } }}, {"auth_ref": {"r877", "r885", "r1071"}}, {"iri NumberOfSubsidiariesThatHoldAsbestosLiabilitiesAndAssets": {"xbrltype": "integerItemType", "nsuri": "http://ingersollrand.com/20240630", "localname": "NumberOfSubsidiariesThatHoldAsbestosLiabilitiesAndAssets"}, {"presentation": {"http://ingersollrand.com/role/ContingenciesNarrativeDetails"}; {"lang": {"en-us": {"role": {"terseLabel": "Number of subsidiaries that hold asbestos liabilities and assets", "label": "Number Of Subsidiaries That Hold Asbestos Liabilities And Assets"}, {"documentation": "Number of Subsidiaries That Hold Asbestos Liabilities And Assets"} } }}, {"auth_ref": {}}, {"iri OnyxTopCoLLCMember": {"xbrltype": "domainItemType", "nsuri": "http://ingersollrand.com/20240630", "localname": "OnyxTopCoLLCMember"}, {"presentation": {"http://ingersollrand.com/role/ContingenciesNarrativeDetails"}; {"lang": {"en-us": {"role": {"terseLabel": "Onyx TopCo LLC", "label": "Onyx TopCo LLC [Member]"}, {"documentation": "Onyx TopCo LLC"} }}, {"auth_ref": {}}, {"us-gaap OperatingExpenses": {"xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OperatingExpenses"}, {"presentation": {"http://ingersollrand.com/role/SegmentResultsScheduleofSegmentResultsDetails"}; {"parentTag": "us-gaap IncomeLossFromContinuingOperationsBeforeIncomeTaxesMinorityInterestAndIncomeLossFromEquityMethodInvestments", "weight": -1.0, "order": 9.0 }}, {"presentation": {"http://ingersollrand.com/role/SegmentResultsScheduleofSegmentResultsDetails"}; {"lang": {"en-us": {"role": {"terseLabel": "Corporate expenses not allocated to segments", "label": "Operating Expenses", "documentation": "Generally recurring costs associated with normal operations except for the portion of these expenses which can be clearly related to production and included in cost of sales or services. 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May be provided in more than one note to the financial statements, as long as users are provided with an understanding of (1) the significant judgments and assumptions made by an enterprise in determining whether it must consolidate a VIE and/or disclose information about its involvement with a VIE, (2) the nature of restrictions on a consolidated VIE's assets reported by an enterprise in its statement of financial position, including the carrying amounts of such assets, (3) the nature of, and changes in, the risks associated with an enterprise's involvement with the VIE, and (4) how an enterprise's involvement with the VIE affects the enterprise's financial position, financial performance, and cash flows. 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Includes, but is not limited to, retirement benefit arrangement for defined benefit pension and other postretirement plans, retirement benefit arrangement for defined contribution pension and other postretirement plans, and special and contractual termination benefits payable upon retirement.", "auth_ref": "r453", "r457", "r458", "r459", "r460", "r461", "r462", "r463", "r464", "r465", "r466", "r467", "r468", "r469", "r470", "r471", "r472", "r473", "r474", "r475", "r476", "r477", "r478", "r479", "r481", "r482", "r483", "r484", "r485", "r486", "r487", "r488", "r489", "r490", "r491", "r492", "r493", "r494", "r495", "r496", "r497", "r498", "r499", "r500", "r501", "r502", "r503", "r505", "r508", "r512", "r513", "r514", "r515", "r516", "r517", "r518", "r519", "r520", "r521", "r522", "r523", "r524", "r906", "r907", "r908", "r909", "r910", "r911", "r912", "us-gaap_RevenueFromContractWithCustomerAbstract", "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevenueFromContractWithCustomerAbstract", "label": "Revenue from Contract with Customer [Abstract]", "documentation": "Revenue from Contract with Customer [Abstract]", "auth_ref": "us-gaap_RevenueFromContractWithCustomerExcludingAssessedTax", "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevenueFromContractWithCustomerExcludingAssessedTax", "calculation": "http://ingersollrand.com/role/CONDENSEDCONSOLIDATEDSTATEMENTSOFOPERATIONS", "parentTag": "us-gaap_GrossProfit", "weight": "1.0", "order": "1.0", "presentation": "http://ingersollrand.com/role/CONDENSEDCONSOLIDATEDSTATEMENTSOFOPERATIONS", "http://ingersollrand.com/role/RevenuefromContractswithCustomersScheduleofDisaggregationofRevenueDetails", "http://ingersollrand.com/role/SegmentResultsScheduleofSegmentResultsDetails", "lang": "en-us", "role": "terseLabel", "Revenues", "netLabel": "Revenue", "label": "Revenue from Contract with Customer, Excluding Assessed Tax", "documentation": "Amount, excluding tax collected from customer, of revenue from satisfaction of performance obligation by transferring promised good or service to customer. Tax collected from customer is tax assessed by governmental authority that is both imposed on and concurrent with specific revenue-producing transaction, including, but not limited to, sales, use, value added and excise.", "auth_ref": "r193", "r194", "r201", "r288", "r289", "r303", "r309", "r312", "r314", "r316", "r448", "r449", "r678", "us-gaap_RevenueFromContractWithCustomerTextBlock", "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevenueFromContractWithCustomerTextBlock", "presentation": "http://ingersollrand.com/role/RevenuefromContractswithCustomers", "lang": "en-us", "role": "terseLabel", "Revenue from Contracts with Customers", "label": "Revenue from Contract with Customer [Text Block]", "documentation": "The entire disclosure of revenue from contract with customer to transfer good or service and to transfer nonfinancial asset. Includes, but is not limited to, disaggregation of revenue, credit loss recognized from contract with customer, judgment and change in judgment related to contract with customer, and asset recognized from cost incurred to obtain or fulfill contract with customer. Excludes insurance and lease contracts.", "auth_ref": "r202", "r440", "r441", "r442", "r443", "r444", "r445", "r446", "r447", "r451", "us-gaap_RevenueRemainingPerformanceObligation", "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevenueRemainingPerformanceObligation", "crdr": "credit", "presentation": "http://ingersollrand.com/role/RevenuefromContractswithCustomersRemainingPerformanceObligationDetails", "lang": "en-us", "role": "terseLabel", "Remaining performance obligation", "label": "Revenue, Remaining Performance Obligation, Amount", "documentation": "Amount of transaction price allocated to performance obligation that has not been recognized as revenue.", "auth_ref": "r199", "us-gaap_RevenueRemainingPerformanceObligationExpectedTimingOfSatisfactionLineItems", "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevenueRemainingPerformanceObligationExpectedTimingOfSatisfactionLineItems", "presentation": "http://ingersollrand.com/role/RevenuefromContractswithCustomersRemainingPerformanceObligationDetails", "lang": "en-us", "role": "terseLabel", "Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction [Line Items]", "label": "Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction [Line Items]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table.", "auth_ref": "us-gaap_RevenueRemainingPerformanceObligationExpectedTimingOfSatisfactionPeriod1", "xbrltype": "durationItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevenueRemainingPerformanceObligationExpectedTimingOfSatisfactionPeriod1", "presentation": "http://ingersollrand.com/role/RevenuefromContractswithCustomersRemainingPerformanceObligationDetails", "lang": "en-us", "role": "terseLabel", "Remaining performance obligation, expected timing of satisfaction", "label": "Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction, Period", "documentation": "Period in which remaining performance obligation is expected to be recognized as revenue, in 'PnYnMnDtHnMns' format, for example, 'P1Y5M3D' represents reported fact of one year, five months, and thirteen days.", "auth_ref": "r200", "us-gaap_RevenueRemainingPerformanceObligationExpectedTimingOfSatisfactionStartDateAxis", "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevenueRemainingPerformanceObligationExpectedTimingOfSatisfactionStartDateAxis", "presentation": "http://ingersollrand.com/role/RevenuefromContractswithCustomersRemainingPerformanceObligationDetails", "lang": "en-us", "role": "terseLabel", "Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction, Start Date [Axis]", "label": "Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction, Start Date [Axis]", "documentation": "Start date of time band for expected timing of satisfaction of remaining performance obligation, in YYYY-MM-DD format.", "auth_ref": "r200", "us-gaap_RevenueRemainingPerformanceObligationExpectedTimingOfSatisfactionTable", "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevenueRemainingPerformanceObligationExpectedTimingOfSatisfactionTable", "presentation": "http://ingersollrand.com/role/RevenuefromContractswithCustomersRemainingPerformanceObligationDetails", "lang": "en-us", "role": "terseLabel", "Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction [Table]", "label": "Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction [Table]", "documentation": "Disclosure of information about expected timing for satisfying remaining performance obligation.", "auth_ref": "us-gaap_RevolvingCreditFacilityMember", "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevolvingCreditFacilityMember", "presentation": "http://ingersollrand.com/role/DebtNarrativeDetails", "lang": "en-us", "role": "terseLabel", "Revolving Credit Facility", "label": "Revolving Credit Facility [Member]", "documentation": "Arrangement in which loan proceeds can be obtained following repayments, but the total amount borrowed cannot exceed a specified maximum amount.", "auth_ref": "ecd_Rule10b51ArrAdoptedFlag", "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "Rule10b51ArrAdoptedFlag", "presentation": "http://xbrl.sec.gov/ecd/2024", "localname": "Rule 10b5-1 Arrangement Adopted", "label": "Rule 10b5-1 Arrangement Adopted [Flag]", "auth_ref": "ecd_Rule10b51ArrTrmndFlag", "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "Rule10b51ArrTrmndFlag", "presentation": "http://xbrl.sec.gov/ecd/2024", "localname": "Rule 10b5-1 Arrangement Terminated", "label": "Rule 10b5-1 Arrangement Terminated [Flag]", "auth_ref": "iri_SPXFLOWsAirTreatmentMember", "xbrltype": "domainItemType", "nsuri": "http://ingersollrand.com/20240630", "localname": "SPXFLOWsAirTreatmentMember", "presentation": "http://ingersollrand.com/role/AcquisitionsNarrativeDetails", "http://ingersollrand.com/role/AcquisitionsScheduleofBusinessAcquisitionsbyAcquisitionConsiderationDetails", "lang": "en-us", "role": "terseLabel", "Air Treatment", "label": "SPX FLOWu2019s Air Treatment [Member]", "documentation": "SPX FLOWu2019s Air Treatment", "auth_ref": "us-gaap_ScheduleOfAccountsNotesLoansAndFinancingReceivableTextBlock", "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfAccountsNotesLoansAndFinancingReceivableTextBlock", "presentation": "http://ingersollrand.com/role/AllowanceforCreditLossesTables", "lang": "en-us", "role": "terseLabel", "Schedule of Accounts, Notes, Loans and Financing Receivable", "label": "Schedule of Accounts, Notes, Loans and Financing Receivable [Table Text Block]", "documentation": "Tabular disclosure of the various types of trade accounts and notes receivable and for each the gross carrying value, allowance, and net carrying value as of the balance sheet date. Presentation is categorized by current, noncurrent and unclassified receivables.", "auth_ref": "r124", "r130", "us-gaap_ScheduleOfAccruedLiabilitiesTableTextBlock", "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfAccruedLiabilitiesTableTextBlock", "presentation": "http://ingersollrand.com/role/AccruedLiabilitiesTables", "lang": "en-us", "role": "terseLabel", "Schedule of Accrued Liabilities", "label": "Schedule of Accrued Liabilities [Table Text Block]", "documentation": "Tabular disclosure of the components of accrued liabilities.", "auth_ref": "us-gaap_ScheduleOfAccumulatedOtherComprehensiveIncomeLossTableTextBlock", "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfAccumulatedOtherComprehensiveIncomeLossTableTextBlock", "presentation": "http://ingersollrand.com/role/AccumulatedOtherComprehensiveIncomeLossTables", "lang": "en-us", "role": "terseLabel", "Schedule of Changes in Accumulated Other Comprehensive Income (Loss)", "label": "Schedule of Accumulated Other Comprehensive Income (Loss) [Table Text Block]", "documentation": "Tabular disclosure of the components of accumulated other comprehensive income (loss).", "auth_ref": "r35", "r1166", "r1167", "us-gaap_ScheduleOfBusinessAcquisitionsByAcquisitionTable", "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfBusinessAcquisitionsByAcquisitionTable", "presentation": "http://ingersollrand.com/role/AcquisitionsNarrativeDetails", "http://ingersollrand.com/role/AcquisitionsScheduleofBusinessAcquisitionsbyAcquisitionConsiderationDetails", "lang": "en-us", "role": "terseLabel", "Schedule of Business Acquisitions, by Acquisition [Table]", "label": "Schedule of Business Acquisitions, by Acquisition [Table]", "documentation": "Disclosure of information about

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In the event the issuer goes bankrupt, senior debt holders receive priority for (must receive) repayment prior to (relative to) junior and unsecured (general) creditors." }, {"xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SeriesOfIndividuallyImmaterialBusinessAcquisitionsMember", "presentation": "http://ingersollrand.com/role/AcquisitionsNarrativeDetails", "lang": "en-us", "role": "terseLabel", "All Others", "label": "Series of Individually Immaterial Business Acquisitions [Member]", "documentation": "Represents the aggregation and reporting of combined amounts of individually immaterial business combinations that were completed during the period." }, {"xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SeveranceCosts1", "crdr": "debit", "presentation": "http://ingersollrand.com/role/RestructuringScheduleofActivityinRestructuringProgramsDetails", "lang": "en-us", "role": "terseLabel", "Charged to expense-termination benefits", "label": "Severance Costs", "documentation": "Amount of expenses for special or contractual termination benefits provided to current employees involuntarily terminated under a benefit arrangement associated with or disposal activities pursuant to an authorized plan. Excludes expenses related to one-time termination benefits, a discontinued operation or an asset retirement obligation." }, {"xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensation", "crdr": "debit", "calculation": "http://ingersollrand.com/role/SegmentResultsScheduleofSegmentResultsDetails", "parentTag": "us-gaap_IncomeLossFromContinuingOperationsBeforeIncomeTaxesMinorityInterestAndIncomeLossFromEquityMethodInvestments", "weight": -1.0, "order": 4.0, "http://ingersollrand.com/role/CONDENSEDCONSOLIDATEDSTATEMENTSOFCASHFLOWS", "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": 1.0, "order": 11.0, "presentation": "http://ingersollrand.com/role/CONDENSEDCONSOLIDATEDSTATEMENTSOFCASHFLOWS", "http://ingersollrand.com/role/SegmentResultsScheduleofSegmentResultsDetails", "lang": "en-us", "role": "terseLabel", "Stock-based compensation expense", "verboseLabel": "Stock-based compensation", "label": "Share-Based Payment Arrangement, Noncash Expense", "documentation": "Amount of noncash expense for share-based payment arrangement." }, {"xbrltype": "durationItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensationArrangementByShareBasedPaymentAwardAwardVestingPeriod", "presentation": "http://ingersollrand.com/role/StockBasedCompensationPlansNarrativeDetails", "lang": "en-us", "role": "terseLabel", "Award vesting/performance period (in years)", "label": "Share-Based Compensation Arrangement by Share-Based Payment Award, Award Vesting Period", "documentation": "Period over which grantee's right to exercise award under share-based payment arrangement is no longer contingent on satisfaction of service or performance condition, in PnYnMnDfnHnMnS format, for example, P1Y5M13D represents reported fact of one year, five months, and thirteen days. Includes, but is not limited to, combination of market, performance or service condition." }, {"xbrltype": "durationItemType", "nsuri": "http://ingersollrand.com/20240630", "localname": "ShareBasedCompensationArrangementByShareBasedPaymentAwardClosingPricePeriod", "presentation": "http://ingersollrand.com/role/StockBasedCompensationPlansNarrativeDetails", "lang": "en-us", "role": "terseLabel", "Volume-weighted average closing (in days)", "label": "Share-Based Compensation Arrangement By Share-Based Payment Award, Closing Price Period", "documentation": "Share-Based Compensation Arrangement By Share-Based Payment Award, Closing Price Period" }, {"xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsForfeitedInPeriod", "presentation": "http://ingersollrand.com/role/StockBasedCompensationPlansScheduleofPerformanceShareUnitActivityDetails", "lang": "en-us", "role": 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"Performance Share Unit Awards Shares", "label": "Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Nonvested, Number of Shares [Roll Forward]", "documentation": "A roll forward is a reconciliation of a concept from the beginning of a period to the end of a period." }, {"xbrltype": "perShareItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedWeightedAverageGrantDateFairValue", "presentation": "http://ingersollrand.com/role/StockBasedCompensationPlansScheduleofPerformanceShareUnitActivityDetails", "lang": "en-us", "role": "periodStartLabel", "Balance at beginning of period (in usd per share)", "periodEndLabel": "Balance at end of period (in usd per share)", "label": "Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Nonvested, Weighted Average Grant Date Fair 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The volatility of a share price is the standard deviation of the continuously compounded rates of return on the share over a specified period. 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110000001862000000-165700000-27400000-12500000-533000000-0-
43490000015955000001613000000106250000011781000001289000001003000005690000073500000Basis of Presentation and Recent Accounting Pronouncements<div
style="margin-bottom:9pt;margin-top:9pt;text-align:justify"><span style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-style:italic;font-
weight:700;line-height:120%">Basis of Presentation</div><div style="margin-bottom:9pt;margin-top:9pt;text-align:justify"><span style="color:#000000;font-
family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:120%">Ingersoll Rand Inc. is a global provider of mission-critical flow creation products and
life-science and industrial solutions. The accompanying condensed consolidated financial statements include the accounts of Ingersoll Rand Inc. and its majority-owned
subsidiaries (collectively referred to herein as "Ingersoll Rand" or the "Company").</div><div style="margin-bottom:9pt;margin-top:9pt;text-align:justify"><span
style="color:#000000;font-family:'Times New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:120%">The accompanying unaudited condensed consolidated
financial statements have been prepared in accordance with U.S. generally accepted accounting principles ("GAAP") for interim financial reporting, the instructions for Form
10-Q and Article 10 of the U.S. Securities and Exchange Commission ("SEC") Regulation S-X. In the Company's opinion, the condensed consolidated financial statements
reflect all adjustments of a normal recurring nature necessary for a fair statement of the results for the interim periods presented. The condensed consolidated financial
statements should be read in conjunction with the Company's audited consolidated financial statements included in our Annual Report on Form 10-K for the year ended
December 31, 2023 ("2023 Annual Report").</div><div style="margin-bottom:9pt;margin-top:9pt;text-align:justify"><span style="color:#000000;font-family:'Times
New Roman',sans-serif;font-size:10pt;font-weight:400;line-height:120%">The results of operations for the three month period ended June 30, 2024 are not necessarily
indicative of future results.</div><div style="margin-bottom:9pt;margin-top:9pt;text-align:justify"><span style="color:#000000;font-family:'Times New Roman',sans-
serif;font-size:10pt;font-style:italic;font-weight:700;line-height:120%">Divestiture of Asbestos Liabilities and Certain Assets</div></div>

