

Ingersoll-Rand plc  
Form 8-K  
September 30, 2011

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, DC 20549  
FORM 8-K  
CURRENT REPORT  
Pursuant to Section 13 or 15(d) of the  
Securities Exchange Act of 1934

Date of report (Date of earliest event reported): September 30, 2011

INGERSOLL-RAND PUBLIC LIMITED COMPANY

(Exact Name of Registrant as Specified in Its Charter)

Ireland	001-34400	98-0626632
(State or Other Jurisdiction of Incorporation)	(Commission File Number)	(IRS Employer Identification No.)

170/175 Lakeview Dr.  
Airside Business Park  
Swords, Co. Dublin  
Ireland  
(Address of principal executive offices, including zip code)

+(353) (0) 18707400

(Registrant's Telephone Number, Including Area Code)

(Former Name or Former Address, if Changed Since Last Report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 7.01 Regulation FD Disclosure.

On September 30, 2011, Ingersoll-Rand plc issued a press release revising its previously issued guidance for the remainder of 2011.

A copy of the press release is furnished as Exhibit 99.1 to this Current Report. The information contained in this Item 7.01 and Exhibit 99.1 shall not be deemed “filed” for purposes of Section 18 of the Securities Exchange Act of 1934, as amended, nor otherwise subject to the liabilities under that section, nor shall it be deemed incorporated by reference in any filing under the Securities Act of 1933, as amended, except as shall be expressly set forth by specific reference.

Item 9.01 Exhibits and Financial Statements.

(d) Exhibits

99.1 Press release issued by Ingersoll-Rand plc, dated September 30, 2011

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**SIGNATURES**

Pursuant 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 hereunto duly authorized.

INGERSOLL-RAND PUBLIC LIMITED COMPANY  
(Registrant)

Date: September 30, 2011

/s/ Steven R. Shawley  
Steven R. Shawley  
Senior Vice President and Chief Financial Officer

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Exhibit Index

99.1 Press release issued by Ingersoll-Rand plc, dated September 30, 2011