

Ingersoll-Rand plc  
Form 8-K  
August 11, 2009

**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): August 11, 2009**

**INGERSOLL-RAND PLC**

**(Exact Name of Registrant as Specified in Its Charter)**

**Ireland**  
**(State or Other Jurisdiction**  
  
**of Incorporation)**

**001-34400**  
**(Commission**  
  
**File Number)**  
**170/175 Lakeview Dr.**

**98-0626632**  
**(IRS Employer**  
  
**Identification No.)**

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**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))

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**Item 8.01. Other Events.**

The unaudited pro forma financial information of Ingersoll-Rand Company Limited and Trane Inc. with respect to the year ended December 31, 2008 is filed as Exhibit 99.1.

**Item 9.01 Financial Statements and Exhibits.**

(d) Exhibits

<b>Exhibit Number</b>	<b>Description</b>
99.1	Unaudited Pro Forma Financial Statement Information

**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 PLC

DATE: August 11, 2009

By: /s/ Richard J. Weller  
Richard J. Weller  
Vice President and Corporate Controller