Ingersoll-Rand plc Form S-8 POS December 12, 2012

As filed with the Securities and Exchange Commission on December 12, 2012

Registration No. Registration No. 333-128260-99

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

POST-EFFECTIVE AMENDMENT NO. 2 FORM S-8 REGISTRATION STATEMENT UNDER THE SECURITIES ACT OF 1933

INGERSOLL-RAND PUBLIC LIMITED COMPANY

(Exact name of registrant as specified in its charter)

Ireland
(State or other jurisdiction of incorporation or organization)
170/175 Lakeview Dr.
Airside Business Park

Swords, Co. Dublin

Ireland

(Address of Principal Executive Offices, Zip Code)

Melroe Savings and Investment Plan (Full title of the plan)

Robert L. Katz Senior Vice President and General Counsel c/o Ingersoll-Rand Company 800 Beaty-E Street Davidson, North Carolina 28036 (Name and address of agent for service)

(704) 655-4000

(Telephone number, including area code, of agent for service)

98-0626632 (I.R.S. Employer Identification No.)

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of "large accelerated filer," "accelerated filer" and "smaller reporting

company" in Rule 12b-2 of the Exchange Act.			
Large accelerated filer	ý	Accelerated filer	C
Non-accelerated filer	o (Do not check if a smaller reporting company)	Smaller reporting company	C

EXPLANATORY NOTE

This Post-Effective Amendment No. 2 relates to the Registration Statement of Ingersoll-Rand plc (the "Company"), successor to Ingersoll-Rand Company Limited, on Form S-8 (File No. 333-128260) filed on September 12, 2005 and Post-Effective Amendment No-1 (File No. 333-128260-99) filed on July 1, 2009 (collectively, the "Registration Statement"), which registered 400,000 shares of Company stock, to be offered pursuant to the Melroe Savings and Investment Plan (the "Plan"). On November 30, 2007, the Doosan Infracore International ("Doosan") acquired the Company's Bobcat, Utility Equipment and Attachments businesses (the "Acquisition"). The Plan was acquired by and transferred to Doosan as part of the Acquisition.

The Company hereby terminates the effectiveness of the Registration Statement and, in accordance with an undertaking made by the Company in Part II of the Registration Statement to remove from registration, by means of a post-effective amendment, any securities that had been registered for issuance but remain unsold at the termination of the offering, removes from registration any and all shares of Company stock registered but unsold under the Registration Statement as of the date hereof.

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-8 and has duly caused this Post-Effective Amendment No. 2 to the Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Davidson, State of North Carolina, on the 12th day of December, 2012.

Ingersoll-Rand Public Limited Company

By: /s/ Michael W. Lamach (Michael W. Lamach) Chairman and Chief Executive Officer

Pursuant to the requirements of the Securities Act of 1933, this Post-Effective Amendment No. 2 to the Registration Statement has been signed below by the following persons in the capacities listed on the 12th day of December, 2012.

Signature	Title	
/s/ Michael W. Lamach (Michael W. Lamach)	Chairman, Chief Executive Officer and Director (Principal Executive Officer)	
/s/ Steven R. Shawley (Steven R. Shawley)	Senior Vice President and Chief Financial Officer (Principal Financial Officer)	
* (Richard J. Weller)	Vice President and Controller (Principal Accounting Officer)	
* (Ann C. Berzin)	Director	
(John Bruton)	Director	
* (Jared L. Cohon)	Director	
* (Gary D. Forsee)	Director	
* (Peter C. Godsoe)	Director	
* (Edward E. Hagenlocker)	Director	
* (Constance Horner)	Director	
* (Theodore E. Martin)	Director	
(Nelson Peltz)	Director	
* (Richard J. Swift)	Director	
* (Tony L. White)	Director	
/s/ Steven R. Shawley (Steven R. Shawley) Attorney-in-Fact		

By:

Pursuant to the requirements of the Securities Act of 1933, the trustee has (or other persons who administer the employee benefit plan have) duly caused this Post-Effective Amendment No. 2 to the Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Davidson, State of North Carolina, on the 12th day of December, 2012.

Melroe Savings and Investment Plan

By: Benefits Administration Committee, Plan

By: Administrator
By: /s/ Sheila Savageau
Name: Sheila Savageau

Title: Benefits Administration Committee