

Teirlinck Didier P  
Form 144  
February 04, 2013

OMB APPROVAL

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**UNITED STATES**

**SECURITIES AND EXCHANGE COMMISSION**

**Washington, D.C. 20549**

**FORM 144**

**NOTICE OF PROPOSED SALE OF SECURITIES**

**PURSUANT TO RULE 144 UNDER THE SECURITIES ACT OF 1933**

**ATTENTION:**

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*Transmit for filing 3 copies of this form  
concurrently with either placing an order with a  
broker to execute sale  
or executing a sale directly with a market maker.*

1 (a) NAME OF ISSUER (Please type or print)	(b) IRS IDENT. NO. (c) S.E.C. FILE NO.		
Ingersoll-Rand plc	98-0626632 001-34400		
1 (d) ADDRESS OF ISSUER STATE ZIP CODE	STREET	CITY	(e) TELEPHONE NO.  AREA CODE NUMBER
170/175 Lakeview Drive, Airside Business Park, Swords, Co. Dublin	Ireland	+(353)(0) 1870-7400	
2 (a) NAME OF PERSON FOR WHOSE ACCOUNT THE SECURITIES ARE TO BE SOLD	(b) RELATIONSHIP TO ISSUER		
Didier Teirlinck	Officer	170/175 Lakeview Drive, Airside Business Park, Swords, Co. Dublin Ireland	
(c) ADDRESS STREET CITY STATE ZIP CODE			

**INSTRUCTION:** The person filing this notice should contact the issuer to obtain the I.R.S. Identification Number and the S.E.C. File Number.

3 (a)	(b)	SEC USE ONLY	(c)	(d)	(e)	(f)	(g)
	Name and Address of Each				Number of Shares	Approximate Date of Sale	Name of Each Securities Exchange
Title of the Class of Securities To Be Sold	Broker Through Whom the Securities are to be Offered or Each Market Maker who is Acquiring the Securities	Broker-Dealer File Number	Number of Shares or Other Units To Be Sold	Aggregate Market Value	or Other Units Outstanding	(See instr. 3(f)) (MO. DAY YR.)	(See instr. 3(g))
Ordinary Shares	UBS Financial Services 1285 Avenue of the Americas New York, New York 10019		14,419	\$754,978.84  (as of February 1, 2013)	301,001,865 (as of October 12, 2012)	February 4, 2013	NYSE

**INSTRUCTIONS:**

- |    |     |   |    |     |  |
|----|-----|---|----|-----|--|
| 1. | (a) | Name of issuer  | 3. | (a) | Title of the class of securities to be sold  |
|    | (b) | Issuer's I.R.S. Identification Number                   |    | (b) | Name and address of each broker through whom the securities are intended to be sold  |
|    | (c) | Issuer's S.E.C. file number, if any                     |    | (c) | Number of shares or other units to be sold (if debt securities, give the aggregate face amount)                              |
|    | (d) | Issuer's address, including zip code                    |    | (d) | Aggregate market value of the securities to be sold as of a specified date within 10 days prior to the filing of this notice |
|    | (e) | Issuer's telephone number, including area code          |    |     |  |
|    | (f) | Approximate date on which the securities are to be sold |    |     |  |

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|----|-----|--|-----|--|
|    | (g) | Name of each securities exchange, if any, on which the securities are intended to be sold  | (e) | Number of shares or other units of outstanding, as shown by the most the class outstanding, or if debt securities the face amount thereof recent report or statement published by the issuer |
| 2. | (a) | Name of person for whose account the securities are to be sold<br>Such person's relationship to the issuer (e.g., officer, director, |     |  |
|    | (b) | 10% stockholder, or member of immediate family of any of the foregoing)  |     |  |
|    | (c) | Such person's address, including zip code  |     |  |

**Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.**

SEC 1147 (08-07)

**TABLE I - SECURITIES TO BE SOLD**

*Furnish the following information with respect to the acquisition of the securities to be sold*

*and with respect to the payment of all or any part of the purchase price or other consideration therefor:*

Title of the Class	Date you Acquired	Nature of Acquisition Transaction	Name of Person from Whom Acquired <i>(If gift, also give date donor acquired)</i>	Amount of Securities Acquired	Date of Payment	Nature of Payment
		Exercise of stock appreciation rights				
	8/3/2007	Vesting of Performance Share Units		1,333	8/3/2007	
	2/15/2009			2,895	2/15/2009	
Ordinary Shares	2/12/2010	Vesting of Restricted Stock Units	Ingersoll-Rand plc	2,251	2/12/2010	Forfeiture of shares
	2/12/2010	Vesting of Performance Share Units		3,606	2/12/2010	
	2/12/2011			2,197	2/12/2011	
	2/16/2011	Vesting of Restricted Stock Units		2,137	2/16/2011	
		Vesting of Restricted Stock Units				

**INSTRUCTIONS** If the securities were purchased and full payment therefor was not made in cash at the time of purchase, explain in the table or in a note thereto the nature of the consideration given. If the consideration consisted of any note or other obligation, or if payment was made in installments describe the arrangement and state when the note or other obligation was discharged in full or the last installment paid.

**TABLE II - SECURITIES SOLD DURING THE PAST 3 MONTHS**

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*Furnish the following information as to all securities of the issuer sold during the past 3 months by the person for whose account the securities are to be sold.*

Name and Address of Seller	Title of Securities Sold	Date of Sale	Securities Sold	Amount of Gross Proceeds
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**REMARKS:**

**ATTENTION:**

**INSTRUCTIONS:**

See the definition of "person" in paragraph (a) of Rule 144. Information is to be given not only as to the person for whose account the securities are to be sold but also as to all other persons included in that definition. In addition, information shall be given as to sales by all persons whose sales are required by paragraph (e) of Rule 144 to be aggregated with sales for the account of the person filing this notice.

*The person for whose account the securities to which this notice relates are to be sold hereby represents by signing this notice that he does not know any material adverse information in regard to the current and prospective operations of the Issuer of the securities to be sold which has not been publicly disclosed. If each person has adopted a written trading plan or given trading instructions to satisfy Rule 10b5-1 under the Exchange Act, by signing the form and indicating the date that the plan was adopted or the instruction given, that person makes such representation as of the plan adoption or instruction date.*

February 4, 2013  
DATE OF NOTICE

/s/ S. Wade Sheek, Attorney-In-Fact  
(SIGNATURE)

DATE OF PLAN ADOPTION OR GIVING OF  
INSTRUCTION,

*The notice shall be signed by the person for whose account the securities are*

*to be sold. At least one copy of the notice shall be manually signed.*

IF RELYING ON RULE 10B5-1

*Any copies not manually signed shall bear typed or printed signatures.*

**ATTENTION: Intentional misstatements or omission of facts constitute Federal Criminal Violations (See 18 U.S.C. 1001)**