AVEDON MARCIA J Form 144 August 17, 2012

OMB APPROVAL

OMB Number: 3235-0101

Expires: February 28, 2014

Estimated average burden hours per response 1.00

SEC USE ONLY

DOCUMENT SEQUENCE NO.

CUSIP NUMBER

WORK LOCATION

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: 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 STREET CITY STATE ZIP CODE	3	(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	(c) ADDRESS STREET CITY STATE ZIP CODE				
Marcia J Avedon	Officer	170/175 Lakeview Drive, Airside Business Park, Swords, Co. Dublin Ireland				

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)	<i>(b)</i>	SEC USE ONLY	(c)	(d)	(e)	(f)	(g)
	Name and Address of Each						
			Number of				Name of
Title of the	Broker Through Whom the		Shares	Aggregate	Number of Shares	Approximate	Name of Each
Class of	Securities are to	Broker-Dealer	or Other Units	Market	or Other Unit	Date of Sale	Securities
h	be Offered			Value			Evolones
Securities		File Number	To Be Sold	[Outstanding	(See instr. $3(f)$)	Exchange
To Be Sold	e Sold or Each Market Maker		(See instr.	(See instr. $3(d)$)	(See instr. 3(e)	(MO. DAY YR.)) (See instr. 3(g))
			<i>3(c))</i>				3(8))
	who is Acquiring the Securities UBS Financial Services	5		\$347,250			
Ordinary Shares	1285 Avenue of the Americas		7,500	(as of	308,252,270 (as of July 13, 2012)	August 17, 2012	2 NYSE
	New York, New York 10019			August 16, 2012)			

INSTRUCTIONS:

- 1. (a) Name of issuer
 - (b) Issuer's I.R.S. Identification Number
 - (c) Issuer's S.E.C. file number, if any
 - (d) Issuer's address, including zip code
 - (e) Issuer's telephone number, including area code
 - (f) Approximate date on which the securities are to be sold
 - (g) Name of each securities exchange, if any, on which the securities are intended to be sold

- 3.(a) Title of the class of securities to be sold
 - (b) Name and address of each broker through whom the securities are intended to be sold

 - Number of shares or other units to be sold (if debt securities, give the aggregate face amount)
 - Aggregate market value of the securities to be sold as of a
 - (d) specified date within 10 days prior to the filing of this notice
 - Number of shares or other units of outstanding, as shown (e) 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
 - Such person's relationship to the issuer (e.g.,
 - (b) officer, director, 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 (If gift, also give date donor acquired)	Amount of Securities Acquired	Date of Payment	Nature of Payment
Ordinary Shares	August 17, 2012	Exercise of stock options	Ingersoll-Rand plc	7,500	August 17, 2012	Cash

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

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.

Amount of Gross Proceeds

Name and Address of Seller Title of Securities Sold Date of Sale Securities Sold

REMARKS:

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.

August 17, 2012 DATE OF NOTICE

DATE OF PLAN ADOPTION OR GIVING OF

ATTENTION:

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.

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

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 INSTRUCTION, IF RELYING ON RULE 10B5-1 manually signed. 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)