

Ingersoll-Rand plc  
Form 144  
April 28, 2016

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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

Transmit for  
filing 3  
copies of this  
form  
concurrently  
with either  
placing an  
ATTENTION: 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)

Ingersoll-Rand plc

1 (d) ADDRESS OF  
ISSUER  
STATE ZIP CODE

STREET

CITY

(e) TELEPHONE NO.  
NUMBER

(b) IRS  
IDENT. NO. (c) S.E.C. FILE  
NO. 001-34400  
98-0626632

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170/175 Lakeview Drive, Airside Business Park, Swords, Co.  
Dublin Ireland

AREA 1870-7400  
CODE  
+(353)(0)

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.

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| 3 (a)                                       | (b)                                                                                                                                | SEC USE ONLY              | (c)                                                          | (d)                                      | (e)                                                           | (f)                                                      | (g)                                                |
|---------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|---------------------------|--------------------------------------------------------------|------------------------------------------|---------------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------|
| Title of the Class of Securities To Be Sold | Name and Address of Each 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 (See instr. 3(c)) | Aggregate Market Value (See instr. 3(d)) | Number of Shares or Other Units Outstanding (See instr. 3(e)) | Approximate Date of Sale (See instr. 3(f)) (MO. DAY YR.) | Name of Each Securities Exchange (See instr. 3(g)) |
| Ordinary Shares                             | UBS Financial Services<br>1285 Avenue of the Americas<br>New York, New York<br>10019                                               |                           | 10,000                                                       | \$660,600.00<br>(as of April 27, 2016)   | 257,463,751<br>(as of April 15, 2016)                         | April 28, 2016                                           | NYSE                                               |

INSTRUCTIONS:

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

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- |    |     |                                                                                                                                            |     |                                                                                           |
|----|-----|--------------------------------------------------------------------------------------------------------------------------------------------|-----|-------------------------------------------------------------------------------------------|
| 2. | (a) | Name of person for whose account the securities are to be sold                                                                             |     | recent report or statement published by the issuer                                        |
|    | (b) | Such person's relationship to the issuer (e.g., officer, director, 10% stockholder, or member of immediate family of any of the foregoing) | (f) | Approximate date on which the securities are to be sold                                   |
|    | (c) | Such person's address, including zip code                                                                                                  | (g) | Name of each securities exchange, if any, on which the securities are intended to be sold |

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)

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**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                        | 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<br>2/16/2010 | Exercise of stock options         | Ingersoll-Rand plc                                                         | 10,000                        | n/a             | n/a               |

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.

| Name and Address of Seller                                                                                          | Title of Securities Sold | Date of Sale | Amount of Securities Sold | Gross Proceeds |
|---------------------------------------------------------------------------------------------------------------------|--------------------------|--------------|---------------------------|----------------|
| Marcia J. Avedon, c/o Ingersoll-Rand plc, 170/175 Lakeview Drive, Airside Business Park, Swords, Co. Dublin Ireland | Ordinary Shares          | 3/1/2016     | 11,360                    | \$643,203.20   |

**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.

**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.

April 28, 2016  
DATE OF NOTICE

/s/ Sara Walden Brown, Attorney-In-Fact  
(SIGNATURE)

DATE OF PLAN ADOPTION OR GIVING OF INSTRUCTION, IF RELYING ON RULE 10B5-1

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.

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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)