

Ingersoll-Rand plc  
Form 4  
December 22, 2009

**FORM 4** UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
NACHTIGAL PATRICIA

(Last) (First) (Middle)

C/O INGERSOLL-RAND  
COMPANY, ONE CENTENNIAL  
AVENUE

(Street)

PISCATAWAY, NJ 08855

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
Ingersoll-Rand plc [IR]

3. Date of Earliest Transaction  
(Month/Day/Year)  
12/21/2009

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
Senior Vice President

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

| 1. Title of Security (Instr. 3)                     | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
|---|--------------------------------------|--|--------------------------------|---|---|--|---|
|   |                                      |  |                                | (A) or (D)  | Price   |  |   |
| Ordinary Shares (EDCP II) <sup>(1)</sup>            | 12/21/2009                           |  | F                              | 503,432 <sup>(2)</sup>  | D \$ 0 0  | D  |   |
| Ordinary Shares                                     | 12/21/2009                           |  | J                              | 1,003 <sup>(3)</sup>  | A \$ 0 78,887   | D  |   |
| Ordinary Shares (Performance Shares) <sup>(4)</sup> |                                      |  |                                |   | 6,624   | D  |   |
| Ordinary Shares                                     |                                      |  |                                |   | 9,684   | D  |   |

|  |          |   |  |                    |
|--|----------|---|--|--------------------|
| Shares<br>(Restricted<br>Share Units)<br><u>(5)</u>  |          |   |  |                    |
| 2009 - 2010<br>Performance<br>Share Units <u>(6)</u> | 32,651   | D |  |                    |
| 2009 - 2011<br>Performance<br>Share Units <u>(7)</u> | 32,651   | D |  |                    |
| Ordinary<br>Shares <u>(8)</u>                        | 1,404.92 | I |  | By Plan<br>Trustee |

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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(9-02)

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned**  
(e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of<br>Derivative<br>Security<br>(Instr. 3) | 2. Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Transaction Date<br>(Month/Day/Year) | 3A. Deemed<br>Execution Date, if<br>any<br>(Month/Day/Year) | 4. Transaction<br>Code<br>(Instr. 8) | 5. Number<br>of<br>Derivative<br>Securities<br>Acquired<br>(A) or<br>Disposed<br>of (D)<br>(Instr. 3,<br>4, and 5) | 6. Date Exercisable and<br>Expiration Date<br>(Month/Day/Year) | 7. Title and<br>Amount of<br>Underlying<br>Securities<br>(Instr. 3 and 4) | 8. Price of<br>Derivative<br>Security<br>(Instr. 5) | 9. Nu<br>Deriv<br>Secur<br>Bene<br>Own<br>Follo<br>Repo<br>Trans<br>(Instr |
|---|--|---|---|--------------------------------------|--|--|---|---|--|
|   |  |   |   |                                      |  | Date<br>Exercisable  | Expiration<br>Date  | Title   | Amount<br>or<br>Number<br>of<br>Shares                                     |
|   |  |   |   |                                      |  | Code   | V (A) (D)   |   |  |

## Reporting Owners

| Reporting Owner Name / Address  | Relationships |           |                       |       |
|---|---------------|-----------|-----------------------|-------|
|   | Director      | 10% Owner | Officer               | Other |
| NACHTIGAL PATRICIA<br>C/O INGERSOLL-RAND COMPANY<br>ONE CENTENNIAL AVENUE<br>PISCATAWAY, NJ 08855 | X             |           | Senior Vice President |       |

## Signatures

By: /s/ Kenneth H. Yi -  
Attorney-in-Fact

12/22/2009

\_\_Signature of Reporting Person

Date

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, *see* Instruction 4(b)(v).
- \*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) Represents units acquired under the IR Executive Deferred Compensation Plan (the "EDCP II"), which are subject to the vesting provisions of the EDCP II. The units are to be converted on a one-for-one basis and settled in shares upon the reporting person's termination of employment with the issuer, or earlier or later upon certain elections.
- (2) Represents shares forfeited pursuant to a net settlement procedure for shares distributed from the EDCP II.
- (3) Represents shares acquired pursuant to a net settlement procedure for shares distributed from the EDCP II.
- (4) These shares were granted under the Ingersoll-Rand Performance Share Program and vest one year from the date of grant.
- (5) Restricted share units vest in three annual installments beginning on February 12, 2010.
- (6) Represents target number of performance shares. The actual number of shares to be issued, which could range from 0 to two times the initial target amount, will depend upon, among other things, the issuer's financial performance during the relevant performance period relative to S&P 500 Industrial Index. The shares, if any, will be issued in February 2011.
- (7) Represents target number of performance shares. The actual number of shares to be issued, which could range from 0 to two times the initial target amount, will depend upon, among other things, the issuer's financial performance during the relevant performance period relative to S&P 500 Industrial Index. The shares, if any, will be issued in February 2012.
- (8) Latest available information provided by the trustee of the Ingersoll-Rand Employee Savings Plan.

### Remarks:

This filing reflects an elected distribution from the IR Executive Deferred Compensation Plan II. The distribution should have

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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