

COHON JARED L  
Form 4  
December 28, 2010

**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 \*  
COHON JARED L

(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)  
12/23/2010

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)

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 Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price
Ordinary Shares	12/23/2010		M		14,400	A	\$ 9.31
Ordinary Shares					280	I	By Spouse
Ordinary Shares (TDCP) <sup>(1)</sup>					1,646.47	D	

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

Persons who respond to the collection of information contained in this form are not

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

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Amount or Number of Shares
Stock Option (right to buy)	\$ 9.31	12/23/2010		M	14,400	<u>(2)</u> 03/01/2011	Ordinary Shares	14,400

## Reporting Owners

### Reporting Owner Name / Address

### Relationships

Director 10% Owner Officer Other

COHON JARED L  
C/O INGERSOLL-RAND COMPANY  
ONE CENTENNIAL AVENUE  
PISCATAWAY, NJ 08855

X

## Signatures

/s/ Kenneth Yi -  
Attorney-in-Fact

12/28/2010

\_\_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).

- Represents units acquired under the Trane Deferred Compensation Plan ("TDCP"). The units are to be converted on a one-for-one basis
- (1) and settled in ordinary shares of the Company, less applicable withholding taxes, upon the reporting person's termination of employment with the Company, or earlier or later upon certain elections.
  - (2) The option vested on the date of grant and became exercisable on the first anniversary of the date of grant.

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

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 number.