Katz Robert L Form 4 February 14, 2013

## FORM 4

# UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

OMB APPROVAL

OMB Number: 3235-0287

Expires: January 31, 2005

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Form filed by More than One Reporting

Person

Check this box if no longer subject to Section 16. Form 4 or

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Form 5 obligations may continue.

See Instruction

Filed problem 5 Section 17

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Katz Robert L		orting Person *	2. Issuer Name <b>and</b> Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer			
(Last)	(First)	(Middle)	Ingersoll-Rand plc [IR]  3. Date of Earliest Transaction	(Check all applicable)			
C/O INGERSOLL-RAND COMPANY, 800-E BEATY STREET			(Month/Day/Year) 02/13/2013	Director 10% OwnerX Officer (give title Other (special below) Senior Vice President			
	(Street)		4. If Amendment, Date Original Filed(Month/Day/Year)	<ul><li>6. Individual or Joint/Group Filing(Check Applicable Line)</li><li>_X_ Form filed by One Reporting Person</li></ul>			

#### DAVIDSON, NC 28036

(City)	(State)	(Zip) Tal	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. Transactic Code (Instr. 8)	4. Securities a coror Disposed of (Instr. 3, 4 an	of (D)	red (A)	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)			
Ordinary Shares	02/13/2013		I	1,913.124	D	\$ 53.19	0	I	By Plan Trustee			
Ordinary Shares							7,696	D				

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

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SEC 1474

(9-02)

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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	2. Conversion	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if	4. Transacti	5. orNumber	6. Date Exerc Expiration D		7. Title Amount		8. Price of Derivative	9. Nu Deriv
Security (Instr. 3)	or Exercise Price of Derivative Security	ercise of rative	any (Month/Day/Year)	Code (Instr. 8)	of	of (Month/Day/Year) Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3,		Underly Securiti	Underlying Securities (Instr. 3 and 4)	Security (Instr. 5)	Secur Bene Owne Follo Repo Trans (Instr
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title N	Amount or Number of Shares		

## **Reporting Owners**

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Katz Robert L C/O INGERSOLL-RAND COMPANY 800-E BEATY STREET DAVIDSON, NC 28036

Senior Vice President

### **Signatures**

/s/ S. Wade Sheek -Attorney-in-Fact

02/14/2013

\*\*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).

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.

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