Regnery David S Form 3 September 11, 2017

FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

OMB APPROVAL

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INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF

SECURITIES

response... 0.5

(Print or Type Responses)

1. Name and Address of Reporting 2. Date of Event Requiring 3. Issuer Name and Ticker or Trading Symbol Person * Statement Ingersoll-Rand plc [IR] A Regnery David S (Month/Day/Year) 09/05/2017 (Last) (First) (Middle) 4. Relationship of Reporting 5. If Amendment, Date Original Person(s) to Issuer Filed(Month/Day/Year) C/O INGERSOLL-RAND (Check all applicable) COMPANY, Â 800-E BEATY STREET 10% Owner Director _X__ Officer (Street) Other 6. Individual or Joint/Group (give title below) (specify below) Filing(Check Applicable Line) **Executive Vice President** _X_ Form filed by One Reporting Person DAVIDSON, NCÂ 28036 Form filed by More than One Reporting Person (City) (State) (Zip) Table I - Non-Derivative Securities Beneficially Owned 1. Title of Security 2. Amount of Securities 3. 4. Nature of Indirect Beneficial

1. Title of Security
(Instr. 4)

2. Amount of Securities
Beneficially Owned
(Instr. 4)

3. 4. Nature of Indirect Beneficial
Ownership
Form:
Direct (D)
or Indirect
(I)
(Instr. 5)

Ordinary Shares

23,953.1473

D Â

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

SEC 1473 (7-02)

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Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

(Month/Day/Year) Derivative Security or Exercise Form of	(Instr. 4) Price of Derivative
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	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	Security	Direct (D) or Indirect (I) (Instr. 5)	
Stock Option (Right to Buy)	(1)	02/21/2023	Ordinary Shares	11,045	\$ 41.9062	D	Â
Stock Option (Right to Buy)	(2)	02/09/2026	Ordinary Shares	22,960	\$ 50.0025	D	Â
Stock Option (Right to Buy)	(1)	02/24/2024	Ordinary Shares	11,422	\$ 59.825	D	Â
Stock Option (Right to Buy)	(1)	02/13/2021	Ordinary Shares	3,068	\$ 37.7116	D	Â
Stock Option (Right to Buy)	(3)	02/06/2027	Ordinary Shares	17,539	\$ 80.205	D	Â
Stock Option (Right to Buy)	(1)	02/23/2022	Ordinary Shares	7,613	\$ 32.4256	D	Â
Stock Option (Right to Buy)	(1)	02/15/2020	Ordinary Shares	12,098	\$ 25.2192	D	Â
Stock Option (Right to Buy)	(1)	02/23/2022	Ordinary Shares	3,032	\$ 32.4643	D	Â
Stock Option (Right to Buy)	(1)	02/13/2021	Ordinary Shares	4,889	\$ 37.742	D	Â
Stock Option (Right to Buy)	(4)	02/02/2025	Ordinary Shares	13,710	\$ 67.055	D	Â

Reporting Owners

Reporting Owner Name / Address	Relationships				
Topolonia o Hanne i Manne / Tamane	Director	10% Owner	Officer	Other	
Regnery David S C/O INGERSOLL-RAND COMPANY 800-E BEATY STREET DAVIDSON, NC 28036	Â	Â	Executive Vice President	Â	

Signatures

/s/ Sara Walden Brown Attorney-in-Fact

**Signature of Reporting Person

Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 5(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) All options have fully vested and are exercisable.
- (2) The stock option vests in three (3) annual installments beginning on February 10, 2017.

Reporting Owners 2

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- (3) The stock option vests in three (3) annual installments beginning on February 7, 2018.
- (4) The stock option vests in three (3) annual installments beginning on February 3, 2016.

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.