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## **Ingersoll Rand launches Next Generation R-Series Rotary Screw Air Compressors in India**

*R-Series 200-250kW Rotary Screw Air Compressor to reduce energy cost by approx. 10% for Large Manufacturing Facilities*

*RS200 to RS250kW models available with most efficient airend available today*

**New Delhi, 4 July, 2017** — Ingersoll Rand®, a global leader in compression technologies and services, today introduced new models to its line of Next Generation R-Series oil-flooded rotary screw air compressors, which provide a more energy-efficient solution for customers with high capacity air requirements. The RS200 to RS250 models rotary screw air compressor will reduce energy cost by approximately 10% for large manufacturing facilities.

The RS200 to RS250 models are available with the new, state-of-the-art single-stage airend, or the two-stage airend that increases airflow by up to 16 percent. The new fixed-speed models are 10 percent more efficient compared to legacy products, while the variable speed option is up to 35 percent more efficient compared to the industry average.

Commenting on the launch, Amar Kaul, Chairman and Managing Director, Ingersoll Rand India Limited said, “Around the world, businesses turn to Ingersoll Rand to redefine reliability and efficiency. The next generation R-series will help our customers do just that by delivering world class efficiency, increase uptime and deliver the right solution for operational excellence. The new series will enable our customers in India to be more competitive in the global environment by boosting their productivity with a state of the art airend that delivers as much as 15% improved efficiency and 16% greater airflow capacity. The IE3 premium efficiency motor will help deliver significant energy savings and the optional variable speed drive (VSD) will further decrease energy demands. With the launch of next generation R-Series, we continue to push the edge of innovation to help our customers achieve real business results, including cost reductions and lower total cost of ownership.”

“The ability for these compressors to deliver outstanding efficiency without compromising reliability meets the increasing demands of industries to increase productivity while reducing energy use,” said Kevin Kosobud, Portfolio Leader, Oil Flooded Compressors for Compression Technologies and Services at Ingersoll Rand. “Our Next-Generation R-Series RS200 to RS250 models help customers increase overall

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system reliability and decrease their total cost of ownership with new state-of-the-art features and performance enhancements that save them tens of thousands of rupees.”

Ingersoll Rand has added these models to the Next Generation R-Series portfolio allowing customers who run 24/7 and rely on large amounts of compressed air to have equipment that is as reliable as their demand. According to internal testing, efficiency and design improvements on some of the high capacity compressors deliver up to INR 23.4 Lakhs energy cost savings over a two-year period per compressor compared to previous models<sup>1</sup>.

At the core of every Ingersoll Rand Next Generation R-Series compressor is an airend that is specifically designed to improve overall system efficiency. In addition to the enhanced single-stage airend, the RS200 to RS250 models are also available with the new two-stage airend. This two-stage airend is the most efficient airend available today.

Each compressor comes standard with Progressive Adaptive Control (PAC) Protection, VShield™ technology, floating coolers and Ultra Coolant. These features help keep equipment running efficiently and maximize uptime for facilities that are manufacturing around the clock.

- PAC Protection is a unique algorithm developed by Ingersoll Rand and is integrated in the controls system within each compressor. The system monitors key performance parameters for when consumable parts are nearing the end of their life, or if operating temperatures are reaching design limits. In these situations, the controls adjust the parameters to keep the machine running without overloading the motor, preventing unnecessary shutdown.
- V-Shield technology safeguards all critical fittings by securing them with o-ring face seals in a method that is largely free from distortion. Leaks are virtually eliminated, meaning performance isn't sacrificed, regardless of how many reconnections are made.
- The floating cooling system from Ingersoll Rand contains heat exchangers with finger-tight connections so they can expand and contract as needed. This new design improves overall system reliability, because welded connections reduce the ability for heat exchangers to expand and contract, which is the number one reason they fail.
- Ultra Coolant is formulated to last up to 8,000 hours, which is twice as long as other rotary lubricants. Ultra Coolant keeps compressors running at peak performance, minimizing downtime and lowering lifecycle costs.

All Next Generation R-Series air compressors are equipped with Xe-series controllers, which allow easy, intuitive access to, and control of, the compressed air system. The Xe145 controller has built-in performance analysis and graphical trending, as well as built-in sequencing for up to four compressors.

For more information on the Ingersoll Rand Next Generation R-Series air compressors, visit [www.ingersollrandproducts.com](http://www.ingersollrandproducts.com) or contact your local service representative.

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### **About Ingersoll Rand**

Ingersoll Rand (NYSE:IR) advances the quality of life by creating comfortable, sustainable and efficient environments. Our people and our family of brands — including Club Car®, Ingersoll Rand®, Thermo King®

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<sup>1</sup> Energy calculation based on 6,000 hours of annual operation and energy costs of INR 7/kwh



## News Release

and Trane® — work together to enhance the quality and comfort of air in homes and buildings; transport and protect food and perishables; and increase industrial productivity and efficiency. We are a \$13 billion global business committed to a world of sustainable progress and enduring results. Ingersoll Rand products range from complete compressed air and gas systems and services, to power tools, material handling and fluid management systems. The diverse and innovative products, services and solutions enhance our customers' energy efficiency, productivity and operations. For more information, visit [www.ingersollrand.com](http://www.ingersollrand.com) or [www.ingersollrandproducts.com](http://www.ingersollrandproducts.com).

### **About Ingersoll Rand in India**

Ingersoll Rand is committed to India and is implementing strategies for product innovation and design for Industrial Technologies; Food Safety; Energy Efficiency and Sustainability. The company is based out of 21 locations in the country. Ingersoll Rand believes that Innovation for emerging economies is critical for products to succeed in these markets. The company has two world class manufacturing facilities at Naroda and Sahibabad; and Engineering and Technology Centers at Bangalore and Chennai. Ingersoll–Rand (India) Limited is listed on the National Stock Exchange of India and the Bombay Stock Exchange. For more information, visit [www.ingersollrand.co.in](http://www.ingersollrand.co.in).

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