



October 27, 2014

Ingersoll Rand Adds Small Rotary Compressors to R-Series Line for Enhanced Reliability

V-Shield™ Technology Reduces Leak Paths and Connections by 15 Percent

Davidson, N.C., Oct. 27, 2014 – [Ingersoll Rand](#), a global leader in compressed air systems and services, power tools and fluid and material handling equipment, extends its R-Series line of compressed air solutions to include small rotary compressors with V-Shield™ technology to reduce leaks and improve reliability.

“The compact design of the R-Series makes it the ideal workplace compressor with a 20 percent reduction in footprint and sound levels as quiet as a dishwasher,” said Eric Seidel, vice president of product management for Compressed Air Systems and Services.

Built on a common platform, the new compressors are available in R4-11kW, R5-11kW in Europe, with flows 8.1cfm – 57.5cfm and pressures up to 200psig on fixed speed units and 145psig on variable speed drives. The units will be available for order in Western Europe, Latin America and the United States in December and in Canada next year.

V-Shield™ Technology Makes the R-Series More Reliable

With the application of V-Shield™ technology, the leak path and connections on the R-Series compressors have been reduced by more than 15 percent. V-shield™ technology ensures that all critical fittings are secured with o-ring face seals in a method that is nearly free from distortion. Leaks are virtually eliminated and performance isn’t sacrificed, regardless of how many reconnections are made. Leaks are also reduced by the use of polytetrafluoroethylene (PTFE) braided, stainless steel hoses for all oil-carrying lines.

Other advancements that increase reliability and ease-of-use include:

- a totally enclosed fan-cooled (TEFC) motor that has a premium IE3 efficiency ;
- a simple design with fewer components, reducing maintenance; and
- large, convenient electronic controls and a digital output display to support easier; programming and operation.

Tri-Voltage Motors Plus Total Air Systems Create a Plug-and-Play Solution

R-Series fixed speed compressors come standard with tri-voltage motors that adapt to the supply voltage, while variable speed motors come in multiple voltage options, allowing for more flexibility when configuring the system. An improved, leak-free, next-generation airend features an integrated separation system to optimize air and oil separation for peak air quality.

All R-Series units are available as fixed and variable speed units that can be configured with integrated dryers as a Total Air System (TAS). Each TAS unit comes with high-performance dryers, a three-in-one heat exchanger and an independent fan circuit to generate dry, clean air consistently.

“When customers select our Total Air System configuration, the R-Series from Ingersoll Rand is a complete plug-and-play solution that, as a standard offering, generates the cleanest, driest compressed air right out of the box,” Seidel said.

Easy-to-Use and Ideal For Compact Workspaces

An innovative new design vertically stacks the drive components of the R-Series, reducing the equipment’s footprint by 20 percent and providing easier access to the components when maintenance and service are required. To further optimize its performance in limited workspaces, the drive components are mounted on an Ingersoll Rand vibration isolation system, reducing noise pollution and vibration.

Visit www.ingersollrandproducts.com for a complete list of specifications for the Ingersoll Rand R-Series compressors.

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®](#) 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. Ingersoll Rand products range from complete compressed air systems, tools and pumps to material and fluid handling systems. The diverse and innovative products, services and solutions enhance our customers' energy efficiency, productivity and operations. We are a \$12 billion global business committed to a world of sustainable progress and enduring results. For more information, visit www.ingersollrand.com or www.ingersollrandproducts.com.

Contact:

Anne Wages, Ingersoll Rand

704-655-5210

Anne_Wages@irco.com