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Boost Shop Capacity and Energy Savings with New Ingersoll Rand® Compressed Air Solutions

*Industrial-grade equipment now available for light commercial operations with the new
Next Generation R-Series compressor models*

Brussels, Belgium, Jul. 23, 2019 — Manufacturers require quality air compressors to maintain throughput and achieve energy efficiency goals. Now, light commercial businesses can reap the benefits of industrial-grade equipment with two new Ingersoll Rand® Next Generation R-Series compressors.

The RS15-22kW i, ie, n and ne are the first compressors in the Next Generation R-Series line specifically designed for small commercial operations. The RS15-22kW i and n unit includes premium features out-of-the-box and is available with a fixed-speed (ie) or variable speed (ne) drive (VSD) motor. This model debuts a brand new airend design that produces 20 percent more airflow compared to previous Ingersoll Rand compressors of this capacity, resulting in more energy savings. The RS15-22kW (i and n) houses a redesigned cooling system and increases energy efficiency up to 12 percent compared to legacy UP5 compressors.

“The RS15-22kW compressors give smaller commercial businesses the efficiency and reliability of industrial-grade compressors, in a package that meets their unique needs around footprint and total cost of ownership,” says Kevin Kosobud, Contact Cooled Portfolio Leader, Ingersoll Rand.

Premium Components Come Standard; Translates to World-Class Efficiency

What was once an upgrade is now standard on the RS15-22kW ie and ne models.

- The ne (VSD) unit is rated to operate efficiently in temperatures up to 46 degrees Celsius.
- V-Shield™ technology enhances repeatability. Polytetrafluoroethylene (PTFE) stainless steel-braided oil hoses and O-ring face seals mitigate the risk of oil leaks and pressure loss throughout the compressor system.
- RS15-22kW Total Air System (TAS) packages feature a three-phase dryer, which only requires one power input for the entire system. This saves the expense of a separate power line and simplifies set up. The dryer also has two power settings. The first mode runs continuously to ensure consistent, dry air. The on/off mode helps customers save energy costs based on air demand.
- RS15-22kW controllers have Progressive Adaptive Control (PAC). PAC is a unique algorithm that monitors key performance parameters to indicate when parts require maintenance or if

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temperatures reach the maximum temperature threshold. The controller automatically adjusts the equipment parameters to keep the machines running efficiently.

System Reliability Improves with Add-on Components and Service Options

Manufacturers can customize compressors based on their unique requirements and operating conditions:

- **TAS:** TAS compressor packages include air treatment equipment inside the units which provide clean, dry air in an all-in-one package.
- **Drain Valves:** Customers that purchase RS15-22kW units will have a timer drain included. Electronic no-loss drain valves are available as an upgrade for RS15-22kW compressors for ie and ne. These components automatically drain water from a system.
- **Outdoor Modification:** Storing equipment indoors isn't always an option for space-limited facilities. The outdoor modification option protects sensitive electric components from moisture and debris. With this rating, compressors can operate in temperatures between 2- and 46 degrees Celsius.
- **Low Ambient:** When temperatures dip below-freezing it impacts system efficiency. The low ambient add-on feature includes internal heaters to prevent condensation from freezing.
- **Cooling System:** This innovative, free-floating system allows heat exchangers to expand and contract to reduce thermal stress. It also increases efficiency and system durability.
- **Phase Monitor:** The phase monitor prevents a compressor from starting up if it's wired incorrectly, which protects the motor from crashing.
- **Power Out Restart On (PORO):** If a compressor loses power, operators can rest assured that their equipment will automatically turn back on with the previously-defined settings.
- **CARE Service Programs:** Ingersoll Rand offers a full suite of service programs that support Next Generation R-Series compressors. SelectCARE™ agreements provide customers with the ability to extend the standard warranty from 12 months to 60 months on their compressor's airend.

All RS15-22kW units are available with a 500 or 750 liter air storage tank and include Xe-Series controllers.

For more information on the Ingersoll Rand Next Generation R-Series air compressors, visit IngersollRandProducts.com/AllAirlsNotEqual/Europe or contact your local service representative.

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