Ingersoll Rand Industrial Technologies provides products, services and solutions that enhance our customers’ energy efficiency, productivity and operations. Our diverse and innovative products range from complete compressed air systems, tools and pumps to material and fluid handling systems. We also enhance productivity through solutions created by Club Car®, the global leader in golf and utility vehicles for businesses and individuals.

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Contact-Cooled Rotary Screw Air Compressors

R-Series 55-75 kW (75-100 hp)
A New Level of Reliability, Efficiency and Productivity

Ingersoll Rand R-Series rotary screw air compressors offer the very best of time-proven designs and technologies with new, advanced features to ensure the highest levels of reliability, efficiency and productivity available.

Progressive Adaptive Control™ (PAC™) Protection
Continuously monitors key operating parameters and adapts to prevent unexpected downtime.

- Increases uptime by scanning and adjusting operating parameters in response to changes in filter condition
- Ensures peak performance with real-time electronic maintenance indicators
- Optimizes energy consumption and reduces noise by adjusting fan speed
- Improves productivity by proactively monitoring and conditioning incoming power

V-Shield™ Technology
Leak-free design with stainless steel pipes and long-life metal-flex hoses

- Repeatable leak-free connections using superior elastomeric seals
- Reduces downstream contamination with stainless steel air piping
- Extends compressor life and reduces noise via vibration isolation system and metal-flex hoses

Xe-Series Controller
Features an intuitive high resolution color display with web access.

- Remote access and control using web-enabled communications with a standard web browser
- Achieves system optimization through built-in performance analysis and trending
- Clear and intuitive controller controls with high intensity LED indicators and large navigation buttons
- Increases efficiency and stabilizes pressure by sequencing up to 4 Xe-controlled compressors without additional hardware

Sequential Cooling System
Significantly improves efficiency, serviceability and noise level.

- Reduces thermal stress and extends life using independently-mounted, free-floating heat exchangers
- Reduces the energy required to remove harmful condensate in downstream air by significantly lowering discharge temperatures
- Lowers energy consumption and noise with an energy-efficient centrifugal blower

Count on Ingersoll Rand for All Your Air System Requirements

Ingersoll Rand...At Your Service

No matter where your facility is located, Ingersoll Rand is committed to serving you 24 hours a day, seven days a week, available to support you with innovative and cost-effective service solutions that will keep you running at peak performance.

Let Ingersoll Rand handle the pressures and responsibilities of owning a compressed air system with our signature service contract.

With PackageCare, you can...

- Control costs and keep your equipment running at peak efficiency.
- Protect yourself from all repair and replacement expenses over the life of the agreement.
- Maintain or improve the operational efficiency of any compressor, regardless of age, make or model.

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<table>
<thead>
<tr>
<th>Model</th>
<th>Max. Pressure</th>
<th>Nominal Power</th>
<th>Capacity (FAD)**</th>
<th>Dimensions (Length x Width x Height)</th>
<th>Weight (Air-cooled)</th>
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<tbody>
<tr>
<td>Ingersoll Rand Nirvana Standard — 60 Hz Performance</td>
<td>100</td>
<td>70</td>
<td>6.30 l/s</td>
<td>2420 x 1265 x 2032</td>
<td>7.00 kg</td>
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*FAD (Free Air Delivery) is full package performance including all items. Tested per ISO 1217:2008 Annex C and is measured at 5 l/s bar g PMG lower than maximum pressure on site line basis at 100% duty cycle. **FAD (Free Air Delivery) is full package performance including all items. Tested per ISO 1217:2008 Annex C and is measured at 7 l/s bar g PMG lower than maximum pressure on site line basis at 100% duty cycle.
Innovative Design, Flexible Choice

Time-Proven Reliable Airends

Used in compressors worldwide, Ingersoll Rand single-stage airends are both reliable and efficient.
- Precision machined rotors
- Highest quality tapered roller bearings
- Integrated coolant flow to eliminate leak paths

Energy Recovery System (ERS)
The Ingersoll Rand Energy Recovery System (ERS) provides a cost-effective way to reduce your energy bills and benefit the environment by capturing compressor heat and putting it to work.
- Supplements current water heating system
- Ensures years of trouble-free operation with corrosion resistant material

Efficiency for Variable Demand

Nirvana Variable Speed Drive (VSD) Compressors
Ingersoll Rand VSD compressors feature the highest efficiency Hybrid Permanent Magnet (HPM) motor.
- Unlimited start/stop and shut off to conserve energy
- Rated for continuous duty — 100% load, 24/7, 46°C (115°F)
- Stable, constant pressure control
- Virtually no degradation in specific power at partial load
- Stable power factor over control range

Robust Airends

Efficiency for Constant Demand

Fixed Speed Compressors
Ingersoll Rand R-Series fixed speed compressors are the most reliable and energy-efficient solution for processes with constant demand.
- Compressors can be outfitted for continuous and reliable operation in harsh conditions, even outdoors in rain and dust, from -23°C (-10°F) up to 55°C (131°F)
- NEMA 4/SPS electric panels
- Class F insulation B temperature rise

Maintenance-free, bearingless motor design
Fewer rotating parts — no pulleys, belts or couplings to wear out

- Standard Web pages
- Remote control via Web pages
- Automatic reporting
- Web-based graphics and trending
- Real-time readout of warnings and trips
- Manual restart if air pressure falls below 60 psi
- Direct communications with PLC system controls

- Standard Feature
- Optional Feature
- Nearly Available
- Not Available