

Next Generation R-Series Oil-Flooded Rotary Screw Air Compressors

11-22 kW (15-30 hp), 60 Hz i and n Models

Ingersoll Rand works to keep you ahead of your competition with Next Generation R-Series air compressors that lower total cost of ownership through industry-leading energy efficiency and delivered capacity, along with reliable components.



World-class performance

- **Rugged, dependable airend** delivers the efficiency and airflow you need
- **IE3 premium TEFC motor** and optional variable speed drive (VSD) decrease energy demands
- **V-Shield™ technology** provides a totally integrated, leak-free design, featuring PTFE and O-ring face seals
- **Components that provide reliable air for life**, including a free-floating cooling system, two-stage air filters and elastomeric O-rings
- **PartsCARE™ service program** ensures proper maintenance and longer product life, as well as extends your warranty



- **Enhanced serviceability** ensures increased uptime with two-stage filtration, easy maintenance and Ingersoll Rand extended life, premium grade coolant
- **Xe-Series controllers** deliver increased control functionality through an intuitive user interface, as well as remote access with any common, current web browser
- **Removable service access** provides quick, easy access to all user-maintainable components
- **Optional Total Air System (TAS)** with integrated dryer and 3-in-1 heat exchanger provides clean, dry air in a single package that minimizes installation costs, reduces footprint and improves ISO air quality



Standard features include:	Optional features include:
Rugged, dependable airend	Total Air System (TAS) package with integrated air dryer
Energy saving, intuitive Xe-50M Series controller with remote access	Ultra EL lubricant (extended 16,000-hour life)
Air-cooled, free-floating cooling system	Ultra FG lubricant (food grade)
V-Shield™ PTFE hoses, leak-free connections	Power outage automatic restart option (PORO)
Noise attenuation enclosure with removable doors for easy service access	Flow control inlet modulation
Packaged pre-filtration	Phase monitor protection
Long-life Ultra Coolant with 8,000-hour life	Xe-70M Series controller
Long-life filtration and separation elements	Comprehensive service and coverage plans
Wye-Delta reduced voltage starter	
IE3/NEMA Premium® TEFC motor	
NEMA® Type-4/IP55 enclosure, rated for 40°C (104°F) ambient operation	

i Standard 60 Hz Performance						
Model	Max pressure psig	Nominal power hp	Capacity (FAD)* cfm	Dimensions (L x W x H)** in	Weight (Air-cooled)** lb	
RS11i	110	15	70	40 x 34 x 51	1,129	
RS11i	125	15	64		1,131	
RS11i	145	15	58		1,138	
RS11i	200	15	44		1,146	
RS15i	110	20	95		1,116	
RS15i	125	20	88		1,118	
RS15i	145	20	81		1,120	
RS15i	200	20	64		1,129	
RS18i	110	25	113		1,111	
RS18i	125	25	107		1,111	
RS18i	145	25	99		1,113	
RS18i	200	25	81		1,118	
RS22i	110	30	130		1,199	
RS22i	125	30	124		1,199	
RS22i	145	30	115		1,202	
RS22i	200	30	93		1,204	
n Standard 60 Hz Performance						
RS15n	145	20	74	51 x 34 x 51	1,462	
RS18n	145	25	92		1,497	
RS22n	145	30	111		1,532	

i Total Air System (TAS) 60 Hz Performance						
Model	Max pressure psig	Nominal power hp	Capacity (FAD)* cfm	Dimensions (L x W x H)** in	Weight (Air-cooled)** lb	
RS11i	103	15	70	60 x 34 x 51	1,457	
RS11i	118	15	64		1,459	
RS11i	138	15	58		1,466	
RS11i	193	15	44		1,475	
RS15i	103	20	95		1,444	
RS15i	118	20	88		1,446	
RS15i	138	20	81		1,448	
RS15i	193	20	64		1,457	
RS18i	103	25	113		1,440	
RS18i	118	25	107		1,440	
RS18i	138	25	99		1,442	
RS18i	193	25	81		1,446	
RS22i	103	30	130		1,539	
RS22i	118	30	124		1,539	
RS22i	138	30	115		1,541	
RS22i	193	30	93		1,543	
n Total Air System (TAS) 60 Hz Performance						
RS15n	135	20	77	71 x 34 x 51	1,790	
RS18n	135	25	96		1,825	
RS22n	135	30	115		1,872	

*FAD (Free Air Delivery) is full package performance including all losses, tested per ISO 1217:2009 Annex C

**Weights and dimensions are for base model only, and do not include receiver tank



**PORTLAND
COMPRESSOR**
Experience You Can Depend On
800-542-8300

IngersollRandProducts.com

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. We are a \$14 billion global business committed to a world of sustainable progress and enduring results. For more information, visit www.ingersollrand.com.



Ingersoll Rand, IR and the IR logo, V-Shield are trademarks of Ingersoll Rand, its subsidiaries and/or affiliates. All other trademarks are the property of their respective owners. Ingersoll Rand compressors are not designed, intended or approved for breathing air applications. Ingersoll Rand does not approve specialized equipment for breathing air applications and assumes no responsibility or liability for compressors used for breathing air service. Nothing contained on these pages is intended to extend any warranty or representation, expressed or implied, regarding the product described herein. Any such warranties or other terms and conditions of sale of products shall be in accordance with Ingersoll Rand's standard terms and conditions of sale for such products, which are available upon request. Product improvement is a continuing goal at Ingersoll Rand. Any designs, diagrams, pictures, photographs and specifications contained within this document are for representative purposes only and may include optional scope and/or functionality and are subject to change without notice or obligation.