



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

15-22kw (20-30 hp), 60 Hz ie and ne Premium Efficiency

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, reliable components and best-in-class delivered capacity.



## World-class performance

- **State-of-the-art airend** delivers up to 17.5% improved efficiency and 18% more airflow capacity
- **IE3/NEMA Premium® TEFC motor** and optional variable speed drive (VSD) decrease energy demands
- **V-Shield™ technology** provides a totally integrated, leak-free design, featuring PTFE stainless steel braided oil hoses 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-70M controller** provides full control and connectivity with easy-to-read diagnostics, resulting in less down time and increased productivity for your compressed air system
- **Hinged-door service access with integrated handles** 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:
Premium performance airend	Total Air System (TAS) package with integrated air dryer
Energy saving, intuitive Xe-70M Series controller with remote access	Outdoor modification/rain protection
Air-cooled, free-floating cooling system	Low ambient temperature protection as low as -10°C (14°F) <sup>2</sup>
V-Shield™ vibration isolation, PTFE hoses, leak-free connections	High ambient temperature protection up to 50°C (122°F) <sup>2</sup>
Noise attenuation enclosure with hinged removable doors for easy service access	Ultra EL lubricant (extended 16,000-hour life)
Packaged pre-filtration	Ultra FG lubricant (food grade)
Long-life Ultra Coolant with 8,000-hour life	Power outage automatic restart option (PORO)
Long-life filtration and separation elements	Flow control inlet modulation
Star-Delta reduced voltage starter	Phase monitor protection
IE3 TEFC motor	Comprehensive service and coverage plans with extended warranty
NEMA®/IP55 enclosure, rated for 46°C (115°F) ambient operation <sup>1</sup>	

1. NEMA Type-4 for fixed speed (ie) models, NEMA Type-12 for VSD (ne) models



**ie 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
RS15ie	110	20	100	51 x 33.5 x 51	1,356
RS15ie	125	20	94		1,356
RS15ie	145	20	85		1,367
RS15ie	200	20	63		1,367
RS18ie	110	25	123		1,413
RS18ie	125	25	116		1,413
RS18ie	145	25	106		1,424
RS18ie	200	25	83		1,424
RS22ie	110	30	144		1,413
RS22ie	125	30	137		1,413
RS22ie	145	30	123		1,424
RS22ie	200	30	100		1,424

**ne 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
RS15ne	145	20	83	51 x 33.5 x 51	1,592
RS18ne	145	25	101		1,623
RS22ne	145	30	121		1,651

**ie 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
RS15ie	103	20	100	71 x 33.5 x 51	1,739
RS15ie	118	20	94		1,739
RS15ie	138	20	85		1,750
RS15ie	193	20	63		1,750
RS18ie	103	25	123		1,825
RS18ie	118	25	116		1,825
RS18ie	138	25	106		1,836
RS18ie	193	25	83		1,836
RS22ie	103	30	144		1,825
RS22ie	118	30	137		1,825
RS22ie	138	30	123		1,836
RS22ie	193	30	100		1,836

**ne 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
RS15ne	135	20	87	71 x 33.5 x 51	2,004
RS18ne	135	25	106		2,035
RS22ne	135	30	125		2,064

\*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



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