

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 minimises 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) ²
V-Shield™ vibration isolation, PTFE hoses, leak-free connections	High ambient temperature protection up to 50°C (122°F) ²
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 ¹	

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



Standard 60 Hz Performance

Model	Max pressure barg	Nominal power kW	Capacity (FAD)* m ³ /min	Dimensions (L x W x H)** mm	Weight (Air-cooled)** kg
RS15ie	7.6	15	2.83	1300 x 850 x 1300	615
RS15ie	8.6	15	2.66		615
RS15ie	10.0	15	2.41		620
RS15ie	13.8	15	1.78		620
RS18ie	7.6	18.5	3.48		641
RS18ie	8.6	18.5	3.28		641
RS18ie	10.0	18.5	3.00		646
RS18ie	13.8	18.5	2.35		646
RS22ie	7.6	22	4.08		641
RS22ie	8.6	22	3.88		641
RS22ie	10.0	22	3.48		646
RS22ie	13.8	22	2.83		646

Standard 60 Hz Performance

Model	Max pressure barg	Nominal power kW	Capacity (FAD)* m ³ /min	Dimensions (L x W x H)** mm	Weight (Air-cooled)** kg
RS15ne	10.0	15	2.34	1300 x 850 x 1300	722
RS18ne	10.0	18.5	2.86		736
RS22ne	10.0	22	3.41		749

Total Air System (TAS) 60 Hz Performance

Model	Max pressure barg	Nominal power kW	Capacity (FAD)* m ³ /min	Dimensions (L x W x H)** mm	Weight (Air-cooled)** kg
RS15ie	7.1	15	2.83	1800 x 850 x 1300	789
RS15ie	8.1	15	2.66		789
RS15ie	9.5	15	2.41		794
RS15ie	13.3	15	1.78		794
RS18ie	7.1	18.5	3.48		828
RS18ie	8.1	18.5	3.28		828
RS18ie	9.5	18.5	3.00		833
RS18ie	13.3	18.5	2.35		833
RS22ie	7.1	22	4.08		828
RS22ie	8.1	22	3.88		828
RS22ie	9.5	22	3.48		833
RS22ie	13.3	22	2.83		833

Total Air System (TAS) 60 Hz Performance

Model	Max pressure barg	Nominal power kW	Capacity (FAD)* m ³ /min	Dimensions (L x W x H)** mm	Weight (Air-cooled)** kg
RS15ne	9.3	15	2.45	1800 x 850 x 1300	909
RS18ne	9.3	18.5	2.99		923
RS22ne	9.3	22	3.54		936

*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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