

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

11-22 kW (15-30 hp), 50 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, reliable components and best-in-class delivered capacity.



## 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 minimises 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-Series controllers (i models: Xe-50M, n models: Xe-70M)	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 (i models)
Long-life filtration and separation elements	Solid state soft starter
Wye-Delta reduced voltage starter	Comprehensive service and coverage plans
IE3/NEMA Premium® TEFC motor	
NEMA® Type-4/IP55 enclosure, rated for 40°C (104°F) ambient operation	



### i Standard 50 Hz Performance

Model	Max pressure barg	Nominal power kW	Capacity (FAD)* m <sup>3</sup> /min	Dimensions (L x W x H)** mm	Weight (Air-cooled)** kg
RS11i	7.5	11	1.96	1020 x 800 x 1300	514
RS11i	8.5	11	1.81		515
RS11i	10.0	11	1.63		519
RS11i	14.0	11	1.22		523
RS15i	7.5	15	2.66		533
RS15i	8.5	15	2.49		533
RS15i	10.0	15	2.28		534
RS15i	14.0	15	1.79		538
RS18i	7.5	18.5	3.19		568
RS18i	8.5	18.5	3.00		569
RS18i	10.0	18.5	2.77		568
RS18i	14.0	18.5	2.24		570
RS22i	7.5	22	3.67		591
RS22i	8.5	22	3.49		591
RS22i	10.0	22	3.24		592
RS22i	14.0	22	2.61		592

### n Standard 50 Hz Performance

Model	Max pressure barg	Nominal power kW	Capacity (FAD)* m <sup>3</sup> /min	Dimensions (L x W x H)** mm	Weight (Air-cooled)** kg
RS22n	8.0	22	3.35	1300 x 800 x 1300	695
RS18n	8.0	18.5	2.88		679
RS15n	8.0	15	2.39		663

### i Total Air System (TAS) 50 Hz Performance

Model	Max pressure barg	Nominal power kW	Capacity (FAD)* m <sup>3</sup> /min	Dimensions (L x W x H)** mm	Weight (Air-cooled)** kg
RS11i	7.0	11	1.96	1520 x 800 x 1300	663
RS11i	8.0	11	1.81		664
RS11i	9.5	11	1.63		668
RS11i	13.5	11	1.22		672
RS15i	7.0	15	2.66		682
RS15i	8.0	15	2.49		682
RS15i	9.5	15	2.28		683
RS15i	13.5	15	1.79		687
RS18i	7.0	18.5	3.19		717
RS18i	8.0	18.5	3.00		718
RS18i	9.5	18.5	2.77		717
RS18i	13.5	18.5	2.24		719
RS22i	7.0	22	3.67		745
RS22i	8.0	22	3.49		745
RS22i	9.5	22	3.24		746
RS22i	13.5	22	2.61		746

\*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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