



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

11-22 kW (15-30 hp), 60 Hz i 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/NEMA Premium® TEFC motor** decreases energy demand
- **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	



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 31 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

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 31 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

*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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