




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

15-30 hp (11-22 kW), 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 and delivered capacity, along with reliable components.

 See Our Entire Portfolio of Oil-flooded Compressors

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
- Leak-free technology provides repeatable connections via PTFE hoses and O-ring seals
- Reliable components, including two-stage air filters and elastomeric O-rings
- PlannedCARE™ service program ensures proper maintenance and longer product life
- XS-Series controllers deliver increased control functionality
- Removable service doors provides quick, easy access to all user-maintainable components
- Optional Total Air System with integrated dryer minimizes installation costs and reduces footprint



Features in Standard or TAS

Features in Standard or TAS
Rugged, dependable airend
Energy saving, intuitive XS-110 Series controller with remote access
Air-cooled cooling system
PTFE hoses, leak-free connections
Noise attenuation enclosure with removable doors for easy service access
Packaged pre-filtration
Long-life Ultra Coolant with 8,000-hour life
Long-life filtration and separation elements
Wye-Delta reduced voltage starter
IE3/NEMA Premium® TEFC motor
IP54 enclosure, rated for 104°F (40°C) ambient operation

i Standard 60 Hz Performance					
Model	Nominal power hp	Max pressure psig	Capacity (FAD)* cfm	Dimensions (L x W x H)** in	Weight (Air-cooled)** lb
RSa11i	15	110	67.3	30.3 x 34.0 x 45.7	977
RSa11i	15	125	62.2		
RSa11i	15	145	54.7		
RSa15i	20	110	87.1		
RSa15i	20	125	81.0		
RSa15i	20	145	75.0		
RSa15i	20	200	58.8		
RSa18i	25	110	107.5		
RSa18i	25	125	102.7		
RSa18i	25	145	96.8		
RSa18i	25	200	75.1		
RSa22i	30	110	126.0		
RSa22i	30	125	120.2		
RSa22i	30	145	111.3		
RSa22i	30	200	91.7		

i Total Air System (TAS) 60 Hz Performance					
Model	Nominal power hp	Max pressure psig	Capacity (FAD)* cfm	Dimensions (L x W x H)** in	Weight (Air-cooled)** lb
RSa11i-TAS	15	103	67.3	59.9 34.3 x 45.7	1,559
RSa11i-TAS	15	118	62.2		
RSa11i-TAS	15	138	54.7		
RSa15i-TAS	20	103	87.1		
RSa15i-TAS	20	118	81.0		
RSa15i-TAS	20	138	75.0		
RSa15i-TAS	20	193	58.8		
RSa18i-TAS	25	103	107.5		
RSa18i-TAS	25	118	102.7		
RSa18i-TAS	25	138	96.8		
RSa18i-TAS	25	193	75.1		
RSa22i-TAS	30	103	126.0		
RSa22i-TAS	30	118	120.2		
RSa22i-TAS	30	138	111.3		
RSa22i-TAS	30	193	91.7		

*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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