

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

315-355 kW



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 as much as 8% improved efficiency and 13% greater airflow capacity; two stage airend available for even greater efficiency and reduced bearing load to extend life
- **NEW optional variable speed drive (VSD)** further decreases energy demands
- **PAC™ Protection, V-Shield™ technology and free-floating cooling system** help maximise uptime
- **Xe-Series controller with intuitive, high-resolution color display** offers remote access with any common, current web browser

- **Comprehensive CARE service programs** ensure proper maintenance, a longer product life and extend your warranty
- **Air-cooled and water-cooled options** to best match your operating environment
- **Enhanced serviceability** ensures increased uptime with features such as two-stage filtration, easy maintenance and Ingersoll Rand extended life, premium grade coolant
- **Harsh environment options** for high and low ambient temperature as well as outdoor operation



Standard features	Optional features
Premium TEFC motor with space heater and RTD	Outdoor modification
Star-delta starter	Low ambient temperature protection to -10°C (14°F)
Noise attenuation enclosure with hinged, removable doors for easy service access	High ambient rating up to 55°C (131°F)
Free-floating cooling system optimised for efficiency and serviceability	Premium high dust filtration
PAC™ Protection adjusts operating parameters in response to compressor operation	Sealed containment base
Package rating for operation up to 46°C (115°F)	Ultra FG lubricant
Package pre-filter	Automatic power outage restart option (PORO)
Control panel with enhanced environmental protection against dust and liquids	Electronic soft starter
Long-life consumables and 16,000-hour life Ultra EL lubricant	Flow control modulation control
Condensate separator to reduce moisture carryover downstream	Phase monitor protection
	Medium and high voltage options available

i Ingersoll Rand – 50 Hz Performance					
Model	Max. Pressure barg	Nominal Power kW	Capacity (FAD)* m ³ /min	Dimensions (Length x Width x Height) mm	Weight kg
RS315i-A7.5	7.5	315	63.0	5000 x 2150 x 2505	8300
RS315i-A8.5	8.5		60.0		
RS315i-A10	10.0		57.0		
RS355i-A7.5	7.5	355	67.5		
RS355i-A8.5	8.5		65.0		
RS355i-A10	10.0		62.7		
RS315i-W7.5	7.5	315	63.0		8220
RS315i-W8.5	8.5		60.0		
RS315i-W10	10.0		57.0		
RS355i-W7.5	7.5	355	67.5		
RS355i-W8.5	8.5		65.0		
RS355i-W10	10.0		62.7		

ie Ingersoll Rand – 50 Hz Performance					
Model	Max. Pressure barg	Nominal Power kW	Capacity (FAD)* m ³ /min	Dimensions (Length x Width x Height) mm	Weight kg
RS315ie-A7.5	7.5	315	65.0	5000 x 2150 x 2505	8760
RS315ie-A8.5	8.5		63.0		
RS315ie-A10	10.0		59.0		
RS315ie-A14	14.0	49.0			
RS355ie-A7.5	7.5	355	71.0		
RS355ie-A8.5	8.5		69.0		
RS355ie-A10	10.0		65.0		
RS355ie-A14	14.0	52.0			
RS315ie-W7.5	7.5	315	65.0		8670
RS315ie-W8.5	8.5		63.0		
RS315ie-W10	10.0		59.0		
RS315ie-W14	14.0	49.0			
RS355ie-W7.5	7.5	355	71.0		
RS355ie-W8.5	8.5		70.0		
RS355ie-W10	10.0		65.0		
RS355ie-W14	14.0	52.0			

n Ingersoll Rand – 50 Hz Performance					
Model	Max. Pressure barg	Nominal Power kW	Capacity (FAD)* m ³ /min	Dimensions (Length x Width x Height) mm	Weight kg
RS315n-A10	7.0-10.0	315	17.5-62.3	5000 x 2150 x 2505	8760
RS355n-A10	7.0-10.0	355	17.5-68.2		8760
RS315n-W10	7.0-10.0	315	17.5-62.3		8670
RS355n-W10	7.0-10.0	355	17.5-68.2		8670

ne Ingersoll Rand – 50 Hz Performance					
Model	Max. Pressure barg	Nominal Power kW	Capacity (FAD)* m ³ /min	Dimensions (Length x Width x Height) mm	Weight kg
RS315ne-A10	7.0-10.0	315	18.3-64.4	5000 x 2150 x 2505	9210
RS355ne-A10	7.0-10.0	355	18.3-70.0		9210
RS315ne-W10	7.0-10.0	315	18.3-64.4		9120
RS355ne-W10	7.0-10.0	355	18.3-70.0		9120

*FAD (Free Air Delivery) is full package performance including all losses, tested per ISO 1217:2009 Annex C



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