

Next Generation R-Series Oil-Flooded Rotary Screw Air Compressors 200-250 kW (250-350 hp)



Ingersoll Rand works to keep you ahead of your competition with Next Generation R-Series air compressors that boost productivity, lower operating expenses and extend equipment life.

Next Generation R-Series air compressors. The intelligence you need—to win.

World-class performance

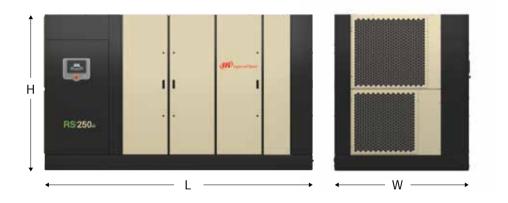
- State-of-the-art airend delivers as much as 16% improved efficiency and 21% greater airflow capacity;* two stage airend available for even greater efficiency and reduced bearing load to extend life
- PAC[™] protection, V-Shield[™] technology and free-floating cooling system help maximize uptime
- Xe-Series controller with intuitive, high-resolution colour display offers remote access with any common, current web browser
- IE3 Premium Efficiency motor delivers significant energy savings, and the optional variable speed drive (VSD) further decreases energy demands
- Air-cooled and water-cooled options to best match your operating environment
- Harsh environment options for high and low ambient temperature as well as outdoor operation

Standard Features include:	Optional Features include:
Premium IP55 motor with space heater and RTD	Outdoor modification/rain protection
Star-delta reduced voltage starter	Low ambient temperature protection to -10°C
Noise attenuation enclosure with hinged, removable doors for easy service access	High ambient rating up to 55°C
Stainless steel and PTFE coolant hoses with repeatable leak free connections	Premium high dust filtration
Free-floating cooling system optimized for efficiency and serviceability	Fluid containment system
PAC [™] Protection adjusts operating parameters in response to compressor operation	Ultra FG lubricant
Package rating for operation up to 46°C	Automatic power outage restart option (PORO)
Package pre-filter	Soft-start reduced voltage starter
Control panel with enhanced environmental protection against dust and liquids	Flow control modulation control
Long-life consumables and 16,000-hour life Ultra EL lubricant	Phase monitor protection

* Performance improvements as compared to models produced in NA; when compared to models produced in Europe, improvements are 10% and 16% respectively.

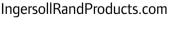
i Ingersoll F	Rand – 50 Hz Performance	2			
Model	Max. Pressure bar	Nominal Power kW	Capacity (FAD)* m³/min	Dimensions (Length x Width x Height) mm	Weight kg
- 200i _	7.5	200	41.5	3752 x 2150 x 2502	6275
	8.5		40.0		
	10.0		35.7		
- 250i -	7.5	250	50.2	3752 x 2150 x 2502	6275
	8.5		48.1		
	10.0		43.0		
ie Ingersoll F	Rand – 50 Hz Performance	2			
- 200ie - -	7.5	- 200	43.6	4320 x 2150 x 2502	8336
	8.5		41.0		
	10.0		38.5		
	14.0		31.0		
- 250ie - -	7.5	- 250	54.1	4320 x 2150 x 2502	8336
	8.5		50.8		
	10.0		46.6		
	14.0		38.8		
n Ingersoll F	Rand – 50 Hz Performance	2			
200n	70.100	200 250	16.8-41.2	- 3752 x 2150 x 2502	6275
250n	7.0-10.0		16.8-49.2		
N <i>e</i> Ingersoll F	Rand – 50 Hz Performance	2			·
200ne	70.100	200	18.6-43.4	4220 2150 2502	8336
250ne	7.0-10.0	250	18.6-53.1	4320 x 2150 x 2502	

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





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