



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

90-160 kW (125-200 hp), 60 Hz

Ingersoll Rand works to keep you ahead of your competition with Next Generation R-Series air compressors that improve your company's productivity and profitability through industry-leading energy efficiency, exceptional reliability and intelligent control.



## World-class performance

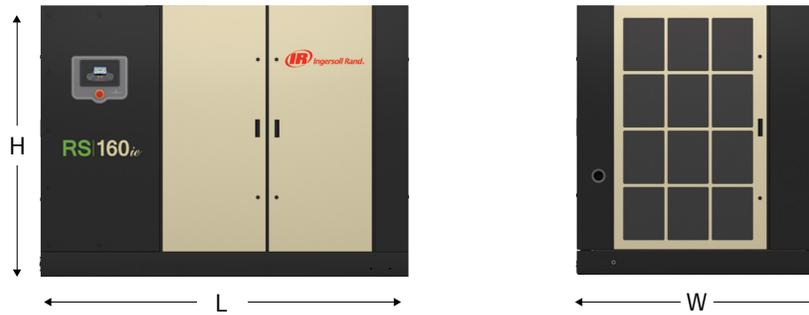
- **State-of-the-single and two-stage airends provide** design flexibility, up to 10% improved efficiency and up to 10% more airflow capacity
- **IE3/NEMA Premium® TEFC motor** decreases energy demands
- **V-Shield™ technology** provides a totally integrated, leak-free design, featuring PTFE stainless steel braided oil hoses and O-ring face seals
- **Reliable** free-floating cooling system with reduced thermal stress for improved durability
- **Progressive Adaptive Control (PAC™)** monitors key operating parameters and continuously adapts to prevent unexpected downtime



- **Enhanced serviceability** ensures increased uptime with two-stage filtration, easy maintenance and Ingersoll Rand extended life, premium grade coolant
- **Xe-Series controller** delivers increased control functionality through an intuitive user interface, as well as remote access with any common, current web browser
- **Hinged-door service access** with integrated handles provides quick, easy access to all user-maintainable components
- **Comprehensive CARE service programs** to ensure proper maintenance and longer product life, as well as extend warranty



Standard features include:	Optional features include:
Premium performance airend	Comprehensive service and coverage plans with extended warranty
Energy saving, intuitive Xe-145M Series controller with remote access	Xe-145M Series controller
Air-cooled, free-floating cooling system with moisture separator	Outdoor modification/rain protection
PAC™ protection adjusts operating parameters in response to compressor operation	Low ambient temperature protection as low as -23°C (-10°F)
V-Shield™ stainless steel piping, vibration isolation, PTFE hoses, leak-free connections	High ambient temperature protection as high as 55°C (115°F)
Noise attenuation enclosure with hinged removable doors for easy service access	Premium high dust filtration
Packaged pre-filtration	Ultra FG lubricant (food grade)
Ultra EL lubricant with extended 16,000-hour life	Power outage automatic restart option (PORO)
Long-life filtration and separation elements	Flow control inlet modulation
Wye-Delta reduced voltage starter	Phase monitor protection
IE3/NEMA Premium® TEFC motor	Containment base
NEMA® Type-4/IP55 control cabinet enclosure, rated for 46°C (115°F) ambient operation	Soft starter
Electronic no-loss drains (ie models)	Water-cooled options including freshwater, harsh water and seawater variants
	Electronic no-loss drains (i models)
	Energy Recover System (ERS)
	RTD Monitoring



**i 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	Weight (Water-cooled) lb
RS132I-110	110	175	930	112.4 x 74.8 x 83.0	8,184	8,316
RS132I-125	125	175	864		8,184	8,316
RS132I-145	145	175	793		8,184	8,316
RS132I-200	200	175	646		8,184	8,316
RS160I-110	110	200	1027		8,404	8,536
RS160I-125	125	200	987		8,404	8,536
RS160I-145	145	200	909		8,404	8,536
RS160I-200	200	200	751		8,404	8,536

**ie 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	Weight (Water-cooled) lb
RS90IE-110	110	125	700	112.4 x 74.8 x 83.0	7,194	7,652
RS90IE-125	125	125	659		7,194	7,652
RS90IE-145	145	125	611		7,194	7,652
RS90IE-200	200	125	484		7,194	7,652
RS110IE-110	110	150	850		7,401	7,858
RS110IE-125	125	150	781		7,401	7,858
RS110IE-145	145	150	726		7,401	7,858
RS110IE-200	200	150	596		7,401	7,858
RS132IE-110	110	175	975		8,021	8,479
RS132IE-125	125	175	922		8,021	8,479
RS132IE-145	145	175	860		8,021	8,479
RS132IE-200	200	175	671		8,021	8,479
RS160IE-110	110	200	1,091		9,227	8,769
RS160IE-125	125	200	1,033		9,227	8,769
RS160IE-145	145	200	964		9,227	8,769
RS160IE-200	200	200	798		9,227	8,769

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



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