

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

45-75 kW (60-100 hp)

Ingersoll Rand works to keep you ahead of your competition with Next Generation R-Series air compressors that lower total cost of ownership through high-quality components, industry-leading energy efficiency and global expertise.

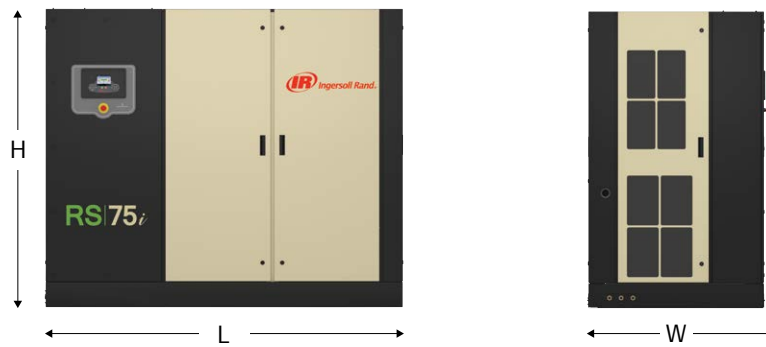


World-class performance

- Designed for significantly improving efficiency** with state-of-the-art airends, IE3/NEMA Premium® high-efficiency motor, a free-floating cooling system and optional Energy Recovery System (ERS) significantly improve efficiency
- V-Shield™ technology** provides a totally integrated, leak-free design featuring PTFE stainless steel braided oil hoses and O-ring face seals
- Xe-Series controller** delivers increased control functionality through an intuitive user interface as well as remote access with any common, current web browser
- Progressive Adaptive Control (PAC™)** monitors key operating parameters and continuously adapts to prevent unexpected downtime
- Enhanced serviceability** ensures increased uptime with features such as two-stage filtration, easy maintenance and Ingersoll Rand extended life, premium grade coolant
- Hinged-door service access with integrated handles** provides quick, easy access to all user-maintainable components
- Optional Total Air System (TAS)** 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:
Premium performance airend	Total Air System (TAS) package with integrated air dryer
Energy saving, intuitive Xe-90M Series controller with remote access	XE 145M Controller with a 145mm screen
Air-cooled free-floating cooling system with moisture separator	Low ambient protection to as low as -10°C (14°F)
PAC™ protection adjusts operating parameters in response to compressor operation	Outdoor modification/rain protection
V-Shield™ stainless steel piping, vibration isolation, PTFE hoses, leak-free connections	Premium high dust filtration
Noise attenuation enclosure with hinged removable doors for easy service access	Water-cooled system
Packaged pre-filtration	Ultra EL lubricant (extended 16,000-hour life)
Long-life Ultra Coolant with 8,000-hour life	Ultra FG lubricant (food grade)
Long-life filtration and separation elements	Power outage automatic restart option (PORO)
Control panel protection	Flow control inlet modulation
Star-Delta starter	Phase monitor protection
IP55 motor	High ambient rating up to 55°C (131°F)
Package rated for 46°C (115°F) ambient operation	Containment base
	Soft Starter
	Comprehensive service and coverage plans



Standard 50 Hz Performance

Model	Max pressure barg	Nominal power kW	Capacity (FAD)* m ³ /min	Dimensions (L x W x H) mm	Weight (Air-cooled) kg	Weight (Water-cooled) kg
RS45i	7.5	45	8.9	2,433 x 1,250 x 2,032	1,841	1,746
RS45i	8.5	45	8.3		1,841	1,746
RS45i	10.0	45	7.7		1,841	1,746
RS45i	14.0	45	5.9		1,841	1,746
RS55i	7.5	55	11.2		1,936	1,841
RS55i	8.5	55	10.4		1,936	1,841
RS55i	10.0	55	9.3		1,936	1,841
RS55i	14.0	55	7.4		1,936	1,841
RS75i	7.5	75	14.5		1,962	1,867
RS75i	8.5	75	13.9		1,962	1,867
RS75i	10.0	75	13.0		1,962	1,867
RS75i	14.0	75	10.7		1,962	1,867

Total Air System (TAS) 50 Hz Performance

Model	Max pressure barg	Nominal power kW	Capacity (FAD)* m ³ /min	Dimensions (L x W x H) mm	Weight (Air-cooled) kg	Weight (Water-cooled) kg
RS45i	7.0	45	8.9	2,433 x 1,250 x 2,032	1,994	1,899
RS45i	8.0	45	8.3		1,994	1,899
RS45i	9.5	45	7.7		1,994	1,899
RS45i	13.5	45	5.9		1,994	1,899
RS55i	7.0	55	11.2		2,089	1,994
RS55i	8.0	55	10.4		2,089	1,994
RS55i	9.5	55	9.3		2,089	1,994
RS55i	13.5	55	7.4		2,089	1,994
RS75i	7.0	75	14.5		2,115	2,020
RS75i	8.0	75	13.9		2,115	2,020
RS75i	9.5	75	13.0		2,115	2,020
RS75i	13.5	75	10.7		2,115	2,020

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



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