

R-Series Oil-Flooded Rotary Screw Air Compressors

90 kW (125 hp)

Stay ahead of your competition with the new R-Series R90ix Oil Flooded Rotary Screw Compressor. Developed and manufactured especially for the Brazilian market, the R90ix delivers reliable performance with a lower total cost of ownership that will boost your business's productivity.



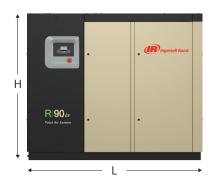
Features

- Efficient design including state-of-the-art airends,
 TEFC NEMA Premium® high-efficiency motor, free-floating cooling system and optional Energy Recovery System (ERS) to deliver the right air flow in a smaller footprint
- V-Shield™ technology provides a totally integrated, leak-free design featuring PTFE stainless steel braided oil hoses and O-ring face seals
- Progressive Adaptive Control (PAC™) monitors key operating parameters and continuously adapts to prevent unexpected downtime
- Xe-Series controller delivers increased control functionality through an intuitive user interface as well as remote access with any common, current web browser



- Comprehensive parts and services including an expert technical consultant team and genuine OEM parts enhance productivity by maximizing your uptime
- Enhanced serviceability ensures increased uptime with features such as two-stage filtration, easy maintenance and Ingersoll Rand extended life, premium grade coolant
- Removable doors and swing out separator lid provide quick, easy access to all user-maintainable components
- Total Air System (TAS) configuration available that provides clean, dry air in a single package to minimize installation costs, reduce footprint and improve 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	Outdoor modification/rain protection			
PAC™ protection adjusts operating parameters in response to compressor operation	Premium high dust filtration			
V-Shield™ stainless steel piping, vibration isolation, PTFE hoses, leak-free connections	Water-cooled system			
Noise attenuation enclosure with removable doors for easy service access	Ultra EL lubricant (extended 16,000-hour life)			
Packaged pre-filtration	Ultra FG lubricant (food grade)			
Long-life Ultra Coolant with 8,000-hour life	Power outage automatic restart option (PORO)			
Long-life filtration and separation elements	Containment base			
Solid-state starter				
Package rated for 46°C (115°F) ambient operation				
Flow control inlet modulation				





Standard 60 Hz Performance												
Model	Max pı barg	essure psig	Nomina kW	l power hp	Capacity (FAD)* m³/min cfm		Dimensions mm	(L x W x H) in	Weight (Air-cooled) kg lb		Weight (Water-cooled) kg lb	
R90ix-A125	8,5	125	90	125	14,6	514	2432 x 1265 x 2032 96 x 50	065000	2057	4535	1950	4299
R90ix-A145	10,0	145	90	125	13,3	471		96 X 50 X 80	2057	4535	1950	4299
Total Air System (TAS) 60 Hz Performance												
R90ix-A125 TAS	8,5	118	90	125	14,6	514	2432 x 1265 x 2032	96 x 50 x 80	2207	4866	2100	4630
R90ix-A145 TAS	10,0	138	90	125	13,3	471			2207	4866	2100	4630

The CARE Service Program Advantage

Compressed air is critical to your operation. A proper maintenance strategy is crucial to avoiding unplanned, unbudgeted downtime and production interruptions. By choosing an Ingersoll Rand CARE service program, you are investing in your future with a trusted partner.

Depending on your oil-flooded compressor system maintenance requirements, choose from one of these programs:



- Greatest value
- Equipment risk transfer
- Up to 10 years
- Scheduled maintenance and all repairs
- No production interruptions



- All planned maintenance
- Predictable, on-time
- Preventative diagnostics
- Up to 10-year coverage on airend components



- Genuine OEM parts at an agreed-to price
- Planned parts inventory
- Experienced support
- Up to 5-year coverage on airend

CARE Preventive Maintenance (PM)

We also offer a customized PM program, consisting of a highly qualified and certified technical team providing specialized services throughout all of Brazil as well as reliable genuine OEM parts.



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