



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 pressure		Nominal power		Capacity (FAD)*		Dimensions (L x W x H)		Weight (Air-cooled)		Weight (Water-cooled)	
	barg	psig	kW	hp	m ³ /min	cfm	mm	in	kg	lb	kg	lb
R90ix-A125	8,5	125	90	125	14,6	514	2432 x 1265 x 2032	96 x 50 x 80	2057	4535	1950	4299
R90ix-A145	10,0	145	90	125	13,3	471			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.



IngersollRandProducts.com

Ingersoll Rand (NYSE:IR) advances the quality of life by creating comfortable, sustainable and efficient environments. Our people and our family of brands—including Club Car®, Ingersoll Rand®, Thermo King® and Trane®—work together to enhance the quality and comfort of air in homes and buildings; transport and protect food and perishables; and increase industrial productivity and efficiency. We are a \$14 billion global business committed to a world of sustainable progress and enduring results. For more information, visit www.ingersollrand.com.



Ingersoll Rand, IR, the IR logo, PAC, PackageCARE, PartsCARE, PlannedCARE and V-Shield are trademarks of Ingersoll Rand, its subsidiaries and/or affiliates. All other trademarks are the property of their respective owners. Ingersoll Rand compressors are not designed, intended or approved for breathing air applications. Ingersoll Rand does not approve specialised equipment for breathing air applications and assumes no responsibility or liability for compressors used for breathing air service. Nothing contained on these pages is intended to extend any warranty or representation, expressed or implied, regarding the product described herein. Any such warranties or other terms and conditions of sale of products shall be in accordance with Ingersoll Rand's standard terms and conditions of sale for such products, which are available upon request. Product improvement is a continuing goal at Ingersoll Rand. Any designs, diagrams, pictures, photographs and specifications contained within this document are for representative purposes only and may include optional scope and/or functionality and are subject to change without notice or obligation.