



Next Generation R Series 90 - 110 kW Oil Flooded VSD Rotary Screw Compressors

Ingersoll Rand works to keep you ahead of your competition with the Next Generation R-Series air compressors that boost productivity and lower total cost of ownership through industry leading energy efficiency, reliability and best-in-class performance. The integrated Helix™ Connected Platform leverages the latest in IIoT technology to deliver continuous real-time monitoring to enable maximum operational uptime.



Features

- **Improved Efficiency and Air Flow:** Best-in-class airend design features optimized rotor profile that delivers up to 18% improved efficiency and best-in-class airflow capacity
- **Leak-free Design:** V-Shield Technology provides a totally integrated, leak-free design featuring PTFE stainless steel braided oil hoses and O-ring face seals
- **Remote Intelligent Control:** XS-Series controller delivers increased control functionality through an intuitive user interface. The status of the compressor is continuously monitored and immediate action is taken if an abnormal operating condition occurs

- **Minimized Energy Use:** NEMA Premium® efficiency motor delivers significant energy savings. Additionally, the compressor meets DOE TSL2 efficiency requirements
- **Reduced Downtime:** Progressive Adaptive Control (PAC™) monitors key operating parameters and continuously adapts to prevent unexpected downtime
- **Integrated with Helix™ Connected Platform,** a state-of-the-art system that gives you real-time insights and data to keep your compressor operating at peak performance and reduce the risk of downtime

Model Specifications

Technical Data

Model	Max pressure(barg)	Nominal power (kW)	Capacity(FAD)* m3/ min	Dimensions(L) mm	DimensionsW (mm)	DimensionsH (mm)	Weight (kg)
RS90nA7.5	7.5	93	18.1	2803	1404	2107	2454
RS90nA8.5	8.6	93	17.1	2803	1404	2107	2454
RS90nA10	10	93	15.8	2803	1404	2107	2454
RS110nA7.5	7.5	112	21.2	2803	1404	2107	2454
RS110nA8.5	8.6	112	20.1	2803	1404	2107	2454
RS110nA10	10	112	18.6	2803	1404	2107	2454



About Ingersoll Rand Inc. Ingersoll Rand Inc. (NYSE:IR) driven by an entrepreneurial spirit and ownership mindset, is dedicated to helping make life better for our employees, customers and communities. Customers lean on us for our technology-driven excellence in mission-critical flow creation and industrial solutions across 40+ respected brands where our products and services excel in the most complex and harsh conditions. Our employees develop customers for life through their daily commitment to expertise, productivity and efficiency. For more information, visit www.IRCO.com.