



## Next Generation R Series 45-75 kW Oil-Flooded VSD HRM Rotary Screw Compressors

Ingersoll Rand works to keep you ahead of your competition with Next Generation R-Series air compressors that boost productivity, lower operating expenses and extend equipment life. And with a variable speed drive (VSD), the compressor automatically adjusts its compressed air output to achieve the highest efficiency for your operation, minimizing energy use at any load. Next Generation R-Series air compressors. The intelligence you need—to win.

### Features

- **Improved Efficiency and Air Flow:** State-of-the-art airend features optimized rotor profile that delivers up to 16% improved efficiency and 15% greater airflow capacity
- **Decreased Energy Use:** IE5 Ultra Premium® efficiency motor with Hybrid Reluctance Motor (HRM) technology paired with a variable speed drive (VSD) to deliver significant energy savings
- **Remote Intelligent Control:** Xe-Series controller delivers increased control functionality through an intuitive user interface and remote access with any common, current web browser
- **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
- **Reduced Downtime:** Progressive Adaptive Control (PAC™) monitors key operating parameters and continuously adapts to prevent unexpected downtime
- **Optional Total Air System (TAS):** Clean, dry air in a single package that minimizes installation costs, space and features improved ISO air quality



## Model Specifications

Model	MAX PRESSURE PSIG (BARG)	NOMINAL POWER KW (HP)	CAPACITY-FAD M3/MIN (CFM)	L X W X H MM (IN)	WEIGHT KG (LB) AIR-COOLED	WEIGHT KG (LB) WATER-COOLED
RS45n	145 (10)	45 (60)	8.5 (302)	2433X1250X2032 (95.8X49.2X80)	1304 (2875)	1209 (2665)
RS55n	145 (10)	55 (75)	11.2 (397)	2433X1250X2032 (95.8X49.2X80)	1700 (3748)	1631 (3596)
RS75n	145 (10)	75 (100)	14.9 (531)	2433X1250X2032 (95.8X49.2X80)	1726 (3805)	1631 (3596)
RS45n TAS	138 (9.5)	45 (60)	8.5 (302)	2433X1250X2032 (95.8X49.2X80)	1457 (3212)	1362 (3003)
RS55n TAS	138 (9.5)	55 (75)	11.2 (397)	2433X1250X2032 (95.8X49.2X80)	1853 (4085)	1784 (3933)
RS75n TAS	138 (9.5)	75 (100)	14.9 (531)	2433X1250X2032 (95.8X49.2X80)	1879 (4142)	1784 (3933)
RS45nx	145 (10)	45 (60)	7.6 (268)	1947X1152X1609 (76.7X45.4X63.3)	1060 (2337)	N/A
RS45nx TAS	138 (9.5)	45 (60)	7.6 (268)	1947X1152X1609 (76.7X45.4X63.3)	1156 (2549)	N/A

## Parts & Accessories



**SimplAir Compressed Air  
Piping**



**Electronic No-Loss Drains**



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](http://www.IRCO.com).