



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

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.

## Features

- **Improved Efficiency and Air Flow:** Airend features optimized rotor profile that delivers up to 16% improved efficiency and 21% greater airflow capacity
- **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
- **Decrease Energy Use:** NEMA Premium® efficiency motor delivers significant energy savings, and the optional variable speed drive (VSD) further decreases energy demand
- **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 (barg)	Nominal Power (kw)	Capacity (FAD)* m3/min	Dimensions (L ) mm	Dimensions (W ) mm	Dimensions (H) mm	Weight (Aircooled) kg	Weight (Watercooled) kg
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RS45i	7.5	45	8.9	2433	1250	2032	1841	1746
RS45i	8.5	45	8.3	2433	1250	2032	1841	1746
RS45i	10.0	45	7.7	2433	1250	2032	1841	1746
RS45i	14.0	45	5.9	2433	1250	2032	1841	1746
RS55i	7.5	55	11.2	2433	1250	2032	1936	1841
RS55i	8.5	55	10.4	2433	1250	2032	1936	1841
RS55i	10.0	55	9.3	2433	1250	2032	1936	1841
RS55i	14.0	55	7.4	2433	1250	2032	1936	1841
RS75i	7.5	75	14.5	2433	1250	2032	1962	1867
RS75i	8.5	75	13.9	2433	1250	2032	1962	1867
RS75i	10.0	75	13.0	2433	1250	2032	1962	1867
RS75i	14.0	75	10.7	2433	1250	2032	1962	1867
RS45i TAS	7.0	45	8.9	2433	1250	2032	1994	1899
RS45i TAS	8.0	45	8.3	2433	1250	2032	1994	1899
RS45i TAS	9.5	45	7.7	2433	1250	2032	1994	1899
RS45i TAS	13.5	45	5.9	2433	1250	2032	1994	1899
RS55i TAS	7.0	55	11.2	2433	1250	2032	2089	1994
RS55i TAS	8.0	55	10.4	2433	1250	2032	2089	1994
RS55i TAS	9.5	55	9.3	2433	1250	2032	2089	1994
RS55i TAS	13.5	55	7.4	2433	1250	2032	2089	1994
RS75i TAS	7.0	75	14.5	2433	1250	2032	2115	2020
RS75i TAS	8.0	75	13.9	2433	1250	2032	2115	2020
RS75i TAS	9.5	75	13.0	2433	1250	2032	2115	2020
RS75i TAS	13.5	75	10.7	2433	1250	2032	2115	2020

Model	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	45 (60)	8.5 (302)	2433X1250X2032 (95.8X49.2X80)	1304 (2875)	1209 (2665)
RS55n	55 (75)	11.2 (397)	2433X1250X2032 (95.8X49.2X80)	1700 (3748)	1631 (3596)

RS75n	75 (100)	14.9 (531)	2433X1250X2032 (95.8X49.2X80)	1726 (3805)	1631 (3596)
RS45n TAS	45 (60)	8.5 (302)	2433X1250X2032 (95.8X49.2X80)	1457 (3212)	1362 (3003)
RS55n TAS	55 (75)	11.2 (397)	2433X1250X2032 (95.8X49.2X80)	1853 (4085)	1784 (3933)
RS75n TAS	75 (100)	14.9 (531)	2433X1250X2032 (95.8X49.2X80)	1879 (4142)	1784 (3933)

## 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).