



## 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 (psig)	Nominal Power (hp)	Capacity (FAD)* cfm	Dimensions (L ) in	Dimensions (W ) in	Dimensions (H) in	Weight (Aircooled) lb	Weight (Watercooled) lb
RS45i	110	60	321	96	49	80	4059	3849
RS45i	125	60	298	96	49	80	4059	3849
RS45i	145	60	267	96	49	80	4059	3849
RS45i	200	60	210	96	49	80	4059	3849
RS55i	110	75	387	96	49	80	4268	4059
RS55i	125	75	360	96	49	80	4268	4059
RS55i	145	75	335	96	49	80	4268	4059
RS55i	200	75	266	96	49	80	4268	4059
RS75i	110	100	518	96	49	80	4325	4116
RS75i	125	100	499	96	49	80	4325	4116
RS75i	145	100	465	96	49	80	4325	4116
RS75i	200	100	384	96	49	80	4325	4116
RS45i TAS	103	60	321	96	49	80	4396	4187
RS45i TAS	118	60	298	96	49	80	4396	4187
RS45i TAS	138	60	267	96	49	80	4396	4187
RS45i TAS	193	60	210	96	49	80	4396	4187
RS55i TAS	103	75	387	96	49	80	4605	4396
RS55i TAS	118	75	360	96	49	80	4605	4396
RS55i TAS	138	75	335	96	49	80	4605	4396
RS55i TAS	193	75	266	96	49	80	4605	4396
RS75i TAS	103	100	518	96	49	80	4663	4454
RS75i TAS	118	100	499	96	49	80	4663	4454
RS75i TAS	138	100	465	96	49	80	4663	4454
RS75i TAS	193	100	384	96	49	80	4663	4454

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).