

Next Generation R-Series Oil-Flooded Rotary Screw Air Compressors

30-37 kW



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.

Next Generation R-Series air compressors. The intelligence you need—to win.

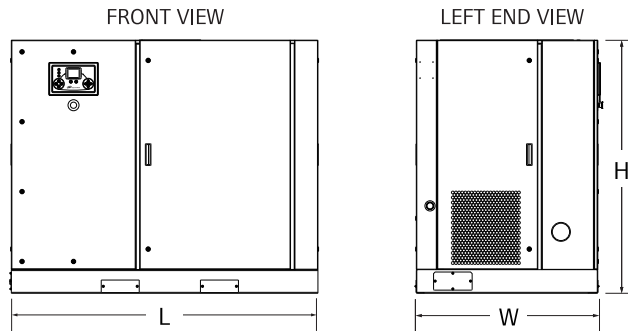
World-Class Performance

- **State-of-the-art airend** delivers as much as 13% improved efficiency and world-class airflow capacity
- **PAC™ protection, V-Shield™ technology and free-floating cooling system** help maximise uptime
- **Xe-Series controller** delivers increased control functionality through an intuitive user interface and remote access with any common, current web browser
- **Optional Total Air System (TAS) package** available with space-saving, ready-to-run, pre-mounted dryer and filters
- **IE3 Premium Efficiency motor** delivers significant energy savings (i and ie models only)
- **IE5 Premium Efficiency HRM variable speed motor** delivers unmatched efficiency throughout the turndown range, unlimited starts and stops and uses less power at start-up (ne models only)

i Ingersoll Rand – 50 Hz Performance							
Model	Max. Pressure barg	Nominal Power kW	Capacity (FAD)* m ³ /min	Dimensions (Length x Width x Height) mm	Standard kg	Weight Air-cooled TAS ¹ kg	
RS30i	7.5	30	5.6	1937x1056x1534	1045	1150	
	8.5	30	5.2	1937x1056x1534	1045	1150	
	10.0	30	4.8	1937x1056x1534	1045	1150	
	14.0	30	3.7	1937x1056x1534	1045	1150	
RS37i	7.5	37	6.6	1937x1056x1534	1095	1200	
	8.5	37	6.3	1937x1056x1534	1095	1200	
	10.0	37	5.8	1937x1056x1534	1095	1250	
	14.0	37	4.6	1937x1056x1534	1095	1250	
ie Ingersoll Rand – 50 Hz Performance							
RS30ie	7.5	30	5.9	1947x1152x1609	1090	1265	
	8.5	30	5.4	1947x1152x1609	1090	1265	
	10.0	30	4.9	1947x1152x1609	1090	1265	
	14.0	30	3.8	1947x1152x1609	1090	1265	
RS37ie	7.5	37	7.2	1947x1152x1609	1140	1315	
	8.5	37	6.9	1947x1152x1609	1140	1315	
	10.0	37	6.0	1947x1152x1609	1140	1315	
	14.0	37	4.8	1947x1152x1609	1140	1315	
n Ingersoll Rand – 50 Hz Performance							
RS30n	4.5-10.0	30	2.1-5.7	1937x1056x1534	1075	1180	
RS37n	4.5-10.0	37	2.1-6.6	1937x1056x1534	1138	1243	
ne Ingersoll Rand – 50 Hz Performance							
RS30ne	4.5-10.0	30	2.0-5.6	1947x1152x1609	1060	1156	
RS37ne	4.5-10.0	37	2.0-7.1	1947x1152x1609	1060	1156	

* FAD (Free Air Delivery) is full package performance including all losses, tested per ISO 1217:2009 Annex C

¹ All TAS units deliver ISO Class 1.5.1 quality air and 30/37ie TAS units deliver ISO Class 1.4.1 quality air, measured at steady state conditions in accordance with ISO 8573-1:2010, with inlet air to package of 25°C (77°F) and RH of 60%



Standard Features		Fixed Speed <i>i</i> and <i>ie</i>	Variable Speed <i>n</i> and <i>ne</i>
Category	Description		
Airend	Premium performance airend	●	●
Controller	Energy-saving controller easy to operate in over 30 languages	●	●
	Programmable start/stop operation and remote connectivity	●	●
	Built-in optimisation sequencer for up to four units	●	●
PAC™ Protection	Scans and adjusts operating parameters in response to filtration changes	●	●
	Real-time electronic maintenance indicators and shutdown protection	●	●
Cooling System	Air-cooled free-floating cooling system optimised for efficiency & serviceability	●	●
	Energy-efficient and low-noise centrifugal blower	●	●
	Free-floating cooling system rated for 46°C (115°F) ambient	●	●
	Moisture separator	●	●
V-Shield™ Technology	Electronic no-loss condensate drains	□	□
	Stainless steel air piping	●	●
	Vibration isolation pads and premium metal-flex hoses	●	●
Auxiliary Systems	Leak-free connections with superior elastometric seals	●	●
	Noise attenuation enclosure	●	●
	Package pre-filtration	●	●
Motors & Electrical Systems	Long-life filtration and separation elements	●	●
	8,000 hour life Ultra Coolant™	●	●
	Flow control by full load/no load regulation system	●	
	Control panel protection, IP55	●	
Electrical Systems	Control panel protection, IP54		●
	Star-delta reduced voltage starter	●	
	Superior Efficiency TEFC IP55 motors - Class F insulation with B rise	●	●
General Features	Simple ducting (single air inlet and single air outlet)	●	●
	12-month full package warranty	●	●
Optional Features			
Air Treatment	Total Air System (TAS) package with built-in air treatment	○	○
Weather Protection	Outdoor modification/rain protection	○	
	Frost protection to -10°C (14°F)	○	
	High ambient rating up to 55°C (131°F)	○	
	Premium high dust filtration	○	
Environmental	Fluid containment system	○	○
	Ultra FG lubricant	○	○
	Ultra EL (16k hours)	○	○
Power Protection	Power outage automatic restart option (PORO)	○	○
	Phase monitor (protection)	○	●
	Electronic solid state reduced voltage starter	†	
General Options	Flow control inlet modulation control	○	
	Comprehensive service and coverage plans	○	○

● Standard feature ○ Optional feature □ Standard on ie and ne models, optional on i and n models † Optional on ie models "Blank" Not Available



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