



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

40-50 hp (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 18% improved efficiency and best-in-class airflow capacity
- **PAC™ protection, V-Shield™ technology and free-floating cooling system** help maximize uptime
- **Xe-Series controller with intuitive, high-resolution color display** offers 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

<i>i</i> Ingersoll Rand – 60 Hz Performance						
Model	Max. Pressure psig	Nominal Power hp	Capacity (FAD)* cfm	Dimensions (Length x Width x Height) in	Standard lb	Weight Air-cooled TAS ¹ lb
30i	110	40	196	77 x 42 x 61	2,304	2,535
	125	40	184	77 x 42 x 61	2,304	2,535
37i	110	50	231	77 x 42 x 61	2,414	2,646
	125	50	220	77 x 42 x 61	2,414	2,646

<i>ie</i> Ingersoll Rand – 60 Hz Performance						
Model	Max. Pressure psig	Nominal Power hp	Capacity (FAD)* cfm	Dimensions (Length x Width x Height) in	Standard lb	Weight Air-cooled TAS ² lb
30ie	110	40	202	77 x 45 x 63	2,403	2,788
	125	40	190	77 x 45 x 63	2,403	2,788
37ie	110	50	250	77 x 45 x 63	2,513	2,899
	125	50	245	77 x 45 x 63	2,513	2,899

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

1 TAS units deliver ISO Class 1.5.1 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%

2 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
Category	Description	<i>i</i> and <i>ie</i>
Airend	Premium performance airend	●
Controller	Energy-saving controller easy to operate in over 30 languages	●
	Programmable start/stop operation and remote connectivity	●
	Built-in optimization 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 optimized for efficiency & serviceability	●
	Energy-efficient and low-noise centrifugal blower	●
	Free-floating cooling system rated for 115°F (46°C) ambient	●
	Moisture separator	●
	Electronic no-loss condensate drains	□
V-Shield™ Technology	Stainless steel air piping	●
	Vibration isolation pads and premium metal-flex hoses	●
	Repeatable leak-free connections with superior elastometric seals	●
Auxiliary Systems	Noise attenuation enclosure	●
	Package pre-filtration	●
	Long-life filtration and separation elements	●
	8,000 hour life Ultra Coolant™	●
	Flow control by full load/no load regulation system	●
Motors & Electrical Systems	Control panel protection, NEMA 4/IP55 electronics	●
	Star-delta reduced voltage starter	●
	High-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		
Harsh Condition Operation	Outdoor modification/rain protection	○
	Low ambient temperature protection to -10°F (-23°C)*	○
	High ambient temperature protection up to 131°F (55°C)	○
	Premium high dust filtration	○
	Motor space heater	○
Environmental	Fluid containment system	○
	Ultra FG lubricant	○
Power Protection	Power starting restart option (PORO)	○
	65kA SCCR*	○
	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 models, optional on i models *Available in North America only



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