



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

30-37 kW (40-50 hp)



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 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
30i	7.5	30	5.6	1937 x 1056 x 1534	1045	1150
	8.5	30	5.2	1937 x 1056 x 1534	1045	1150
37i	7.5	37	6.6	1937 x 1056 x 1534	1095	1200
	8.5	37	6.3	1937 x 1056 x 1534	1095	1200

ie 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 ² kg
30ie	7.5	30	5.9	1947 x 1152 x 1609	1090	1265
	8.5	30	5.4	1947 x 1152 x 1609	1090	1265
37ie	7.5	37	7.2	1947 x 1152 x 1609	1140	1315
	8.5	37	6.9	1947 x 1152 x 1609	1140	1315

* FAD (Free Air Delivery) is full package performance including all losses, tested per ISO 1217:2009 Annex C
¹ TAS units deliver ISO Class 1.5.2 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 1.4.2 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 46 °C (115 °F) 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	●
Services	Simple ducting (single air inlet and single air outlet)	●
	12-month full package warranty (extended warranty available)	●
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	●
Optional Features		
Weather Protection	Outdoor modification/rain protection	○
	Frost protection to -10 °C (14 °F)	○
	High ambient temperature protection up to 55 °C (131 °F)	○
	Premium high dust filtration	○
	Motor space heater	○
Environmental	Fluid containment system	○
	Ultra FG lubricant	○
Power Protection	Power starting restart option (PORO)	○
	Phase monitor (protection)	○
	Electronic solid state reduced voltage starter	○
General Options	Flow control inlet modulation control	○
	Comprehensive service and coverage plan	○

● Standard feature ○ Optional feature □ Standard on ie models, optional on i models



ingersollrandproducts.com

Ingersoll Rand (NYSE:IR) advances the quality of life by creating comfortable, sustainable and efficient environments. Our people and our family of brands—including Club Car®, Ingersoll Rand®, Thermo King® and Trane®—work together to enhance the quality and comfort of air in homes and buildings; transport and protect food and perishables; and increase industrial productivity and efficiency. We are a \$13 billion global business committed to a world of sustainable progress and enduring results.



Ingersoll Rand, IR and the IR logo are trademarks of Ingersoll Rand, its subsidiaries and/or affiliates. All other trademarks are the property of their respective owners. Ingersoll Rand compressors are not designed, intended or approved for breathing air applications. Ingersoll Rand does not approve specialized equipment for breathing air applications and assumes no responsibility or liability for compressors used for breathing air service. Ingersoll Rand assumes no responsibility or liability for compressors used in any application other than compressed air. Nothing contained on these pages is intended to extend any warranty or representation, expressed or implied, regarding the product described herein. Any such warranties or other terms and conditions of sale of products shall be in accordance with Ingersoll Rand's standard terms and conditions of sale for such products, which are available upon request. Product improvement is a continuing goal at Ingersoll Rand. Any designs, diagrams, pictures, photographs and specifications contained within this document are for representative purposes only and may include optional scope and/or functionality and are subject to change without notice or obligation.