

# 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\*
- **Optional variable speed drive (VSD)** further decreases energy demands

\* IE3 Premium Efficiency motor for i and ie models only

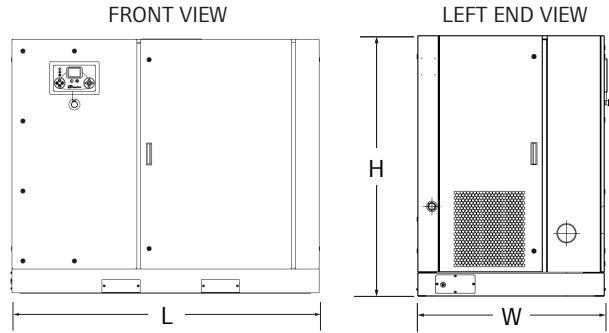
i Ingersoll Rand – 50 Hz Performance						
Model	Max. Pressure barg	Nominal Power kW	Capacity (FAD)* m <sup>3</sup> /min	Dimensions (Length x Width x Height) mm	Standard kg	Weight Air-cooled TAS <sup>1</sup> kg
30i	7.5	30	5.6	1937x1056x1534	1045	1150
	8.5	30	5.2	1937x1056x1534	1045	1150
	10.0	30	4.8	1937x1056x1534	1045	1150
	14.0	30	3.7	1937x1056x1534	1045	1150
37i	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						
30ie	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
37ie	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						
30n	4.5-10.0	30	2.1-5.65	1937x1056x1534	1075	1180
37n	4.5-10.0	37	2.1-6.60	1937x1056x1534	1138	1243

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

<sup>1</sup> 30i/37i and 30n/37n 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%

Max. Current Draw (A) @ 50 Hz*									
Rated Voltage V	Full Load Current (A)								
	30i		37i		30ie		37ie		
	Std.	TAS	Std.	TAS	Std.	TAS	Std.	TAS	
380	74	77	87	91	76	80	92	95	
400	70	73	83	86	72	76	87	90	
415	67	70	80	83	69	73	84	87	

\*Data provided for reference only and subject to change. Follow local codes for sizing and installation guidelines.



Standard Features		Fixed Speed <i>i</i> and <i>ie</i>	Variable Speed <i>n</i>
<b>Airend</b>	Premium performance airend	●	●
<b>Controller</b>	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	●	●
<b>PAC™ Protection</b>	Scans and adjusts operating parameters in response to filtration changes	●	●
	Real-time electronic maintenance indicators and shutdown protection	●	●
<b>Cooling System</b>	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	●	●
<b>V-Shield™ Technology</b>	Electronic no-loss condensate drains	□	○
	Stainless steel air piping	●	●
	Vibration isolation pads and premium metal-flex hoses	●	●
	Repeatable leak-free connections with superior elastometric seals	●	●
<b>Auxiliary Systems</b>	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	●	●
<b>Motors &amp; Electrical Systems</b>	Control panel protection, IP55	●	
	Control panel protection, IP54		●
	Star-delta reduced voltage starter	●	
<b>General Features</b>	Premium Efficiency TEFC IP55 motors - Class F insulation with B rise	●	
	Simple ducting (single air inlet and single air outlet)	●	●
	12-month full package warranty	●	●
Optional Features			
<b>Weather Protection</b>	Outdoor modification/rain protection	○	
	Frost protection to -10°C (14°F)	○	
	High ambient rating up to 55°C (131°F)	○	
	Premium high dust filtration	○	○
<b>Environmental</b>	Fluid containment system	○	○
	Ultra FG lubricant	○	○
	Ultra EL (16k hours)	○	○
<b>Power Protection</b>	Power outage automatic restart option (PORO)	○	○
	Phase monitor (protection)	○	○
	Electronic solid state reduced voltage starter	†	
<b>General Options</b>	Flow control inlet modulation control	○	
	Comprehensive service and coverage plans	○	○

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



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, the IR logo, PAC software, V-Shield and Ultra Coolant 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 specialised equipment for breathing air applications and assumes no responsibility or liability for compressors used for breathing air service. 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.

We are committed to using environmentally conscious print practices

© 2016 Ingersoll-Rand Company Limited ENG52761