



# 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

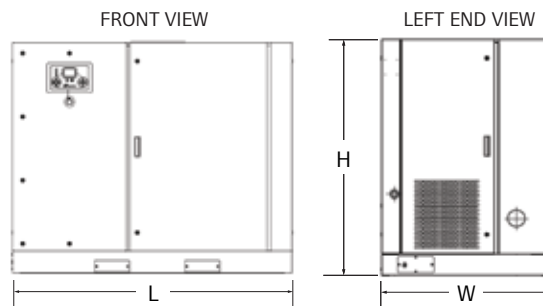
- **State-of-the-art airend** delivers as much as 18% improved efficiency and best-in-class airflow capacity
- **PAC™ protection, V-Shield™ technology and free-floating cooling system** help maximize uptime
- **Xe-Series controller delivers increased control functionality** through an intuitive user 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
- **NEMA Premium® efficiency motor** delivers significant energy savings, and the optional variable speed drive (VSD) further decreases energy demands

i Ingersoll Rand – 60 Hz Performance							
Model	Max. Pressure psig	Nominal Power kW (hp)	Capacity (FAD)* cfm	Dimensions (Length x Width x Height) in	Standard lb	Weight	
						Standard	Air-cooled TAS <sup>1</sup>
30i	110	30 (40)	196	76 x 42 x 60	2,304	2,304	2,535
	125	30 (40)	184	76 x 42 x 60	2,304	2,304	2,535
	145	30 (40)	164	76 x 42 x 60	2,304	2,304	2,535
	200	30 (40)	132	76 x 42 x 60	2,304	2,304	2,535
37i	110	37 (50)	231	76 x 42 x 60	2,414	2,414	2,646
	125	37 (50)	220	76 x 42 x 60	2,414	2,414	2,646
	145	37 (50)	197	76 x 42 x 60	2,414	2,414	2,646
	200	37 (50)	162	76 x 42 x 60	2,414	2,414	2,646
ie Ingersoll Rand – 60 Hz Performance							
30ie	110	30 (40)	202	77 x 45 x 63	2,403	2,403	2,788
	125	30 (40)	190	77 x 45 x 63	2,403	2,403	2,788
	145	30 (40)	173	77 x 45 x 63	2,403	2,403	2,788
	200	30 (40)	134	77 x 45 x 63	2,403	2,403	2,788
37ie	110	37 (50)	250	77 x 45 x 63	2,513	2,513	2,899
	125	37 (50)	245	77 x 45 x 63	2,513	2,513	2,899
	145	37 (50)	215	77 x 45 x 63	2,513	2,513	2,899
	200	37 (50)	173	77 x 45 x 63	2,513	2,513	2,899
n Ingersoll Rand – 60 Hz Performance							
30n	110-145	30 (40)	74-195	76 x 42 x 60	2,370	2,370	2,601
37n	110-145	37 (50)	74-231	76 x 42 x 60	2,509	2,509	2,740

\* 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) @ 60 Hz*									
Rated Voltage V	30i		Full Load Current (A)				37ie		
	Std.	TAS	Std.	TAS	Std.	TAS	Std.	TAS	
200	140	147	161	170	140	150	173	182	
230	122	128	140	148	122	130	150	158	
460	61	64	70	74	61	65	75	79	
575	49	51	56	59	49	52	60	63	

\*Data provided for reference only and subject to change. Follow NEC and 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 optimization 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 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	□	□
<b>V-Shield™ Technology</b>	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, NEMA 4	●	
	Control panel protection, NEMA 12		●
	Star-delta reduced voltage starter	●	
	NEMA Premium TEFC IP55 motors - Class F insulation with B rise	●	●
<b>General Features</b>	Simple ducting (single air inlet and single air outlet)	●	●
	12-month full package warranty	●	●
<b>Optional Features</b>			
<b>Harsh Condition Operation</b>	Outdoor modification/rain protection	○	
	Low ambient temperature protection to -10°F (-23°C)*	○	
	High ambient rating up to 131°F (55°C)	○	
	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



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