

Contact-Cooled Rotary Screw Air Compressors

R-Series 30-37kW

Fixed and Variable Speed Drives



Ingersoll Rand's new R-Series 30-37 kW contact-cooled rotary screw air compressors offer the very best of time-proven designs and new technologies, integrating advanced features such as our Progressive Adaptive Control™ Protection, V-Shield™ Technology, Independent Cooling System and the new Xe-Series controller that ensure the highest levels of reliability, efficiency and productivity available today.

- A fully integrated sensor and control system that monitors differential pressure and warns you when the air, coolant and separation filtration elements are nearing the end of their lives
- Automatically adapts to separator and pre-filter fouling by adjusting the delivered output pressure or delivered flow
- Utilizes an all new thermal valve that maintains a constant oil temperature to keep water from condensing in low flow and low ambient conditions

- Proactive monitoring and conditioning incoming power through the use of a fully integrated line reactor
- Critical fittings use Viton O-ring elastomer face seal connections, forming a tight, positive seal that is virtually distortion- and leak-free
- Highly efficient gear driven system that is efficient and stable functioning to increase service life
- Innovative separate cooling system utilizes a non-welded cooler design that virtually eliminates thermal stresses to ensure better performance for the cooler system
- Ergonomic spin-on separator and oil filters make service and maintenance easy
- Standard hi-dust inlet filter and package pre-filter guarantees air quality and reduces time for cooler cleaning
- Standard variable speed drive (VSD) motor, suitable for working conditions, significantly saves energy for customers
- Energy-saving Total Air System (TAS) mode with standard HE filter ensures the air quality (Air class:1.5.1)



- High-tech Xe-Series controller, satisfies all-around requirements from our customers

i Ingersoll Rand FS 50 Hz features

Model		Maximum Pressure barg	Rated Power kW hp		Capacity (FAD)* m ³ /min	Dimensions mm in		Weight kg lb		Weight (TAS) kg lb	
R30i	R30i TAS†	7.5	30	40	5.4	1937 x 1056 x 1534	76 x 42 x 60	870	1918	972	2143
		8.5	30	40	5.2	1937 x 1056 x 1534	76 x 42 x 60	870	1918	972	2143
		10	30	40	4.8	1937 x 1056 x 1534	76 x 42 x 60	870	1918	972	2143
		14	30	40	3.9	1937 x 1056 x 1534	76 x 42 x 60	870	1918	972	2143
R37i	R37i TAS†	7.5	37	50	6.3	1937 x 1056 x 1534	76 x 42 x 60	910	2007	1012	2232
		8.5	37	50	6.1	1937 x 1056 x 1534	76 x 42 x 60	910	2007	1012	2232
		10	37	50	5.7	1937 x 1056 x 1534	76 x 42 x 60	910	2007	1012	2232
		14	37	50	4.7	1937 x 1056 x 1534	76 x 42 x 60	910	2007	1012	2232

n Ingersoll Rand VSD 50 Hz features

Model		Maximum Pressure barg	Rated Power kW hp		Capacity m ³ /min	Dimensions mm in		Weight kg lb		Weight (TAS) kg lb	
R30n	R30n TAS†	4.5-10.0	30	40	1.8-5.5	1937 x 1056 x 1534	76 x 42 x 60	917	2022	1019	2246
R37n	R37n TAS†	4.5-10.0	37	50	2.3-6.6	1937 x 1056 x 1534	76 x 42 x 60	957	2110	1059	2335

*FAD (Free Air Delivery) is full package performance including all losses. Tested per ISO 1217 : 2009 Annex C. at maximum pressure on TAS equipped units.

†TAS units deliver ISO Class 1-5-1 quality air measured at steady state conditions in accordance with ISO 8573-1:2001 that dictates inlet air to package of 25 °C (77 °F) and relative humidity of 60%.



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 global business committed to a world of sustainable progress and enduring results.



Ingersoll Rand, IR, the IR logo are trademarks of Ingersoll Rand, its subsidiaries and/or affiliates.

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. R-Series compressors are intended for compressed air applications only. 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. Designs, available functions and specifications are subject to change without notice or obligation.