



Rotary Screw Air Compressors

55 - 90 kW

*A New Level of Productivity,
Reliability, Efficiency and Serviceability*

Ingersoll Rand's new Rb series rotary screw air compressor offers the best of the time proven designs and technologies with best in class flow and efficiency to ensure the highest level of Productivity, reliability, Efficiency and Serviceability.



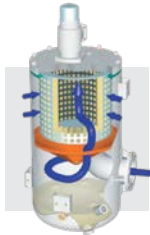
Features of Rb Series Rotary Screw Air Compressors



Time-Proven Reliable and Robust Airends

Used in compressors worldwide, Ingersoll Rand single-stage airends have proven to be the market leader in both reliability and efficiency.

- Precision machined rotors.
- Highest quality tapered roller bearings.
- Integrated coolant flow to eliminate leak paths.



Efficient 3 Stage Separation System

Our Patented Vertical 3-Stage conical baffle separator element minimizes coolant carryover to customer plant and reduces the amount of make up replaced. This design also reduces the impact that overfilling or under filling can have on coolant carryover.



Xe-Series Controller

High-tech Xe-Series controller, satisfies all-around requirements from our customers. Increases efficiency and stabilizes pressure by sequencing upto 4 Xe-controlled compressors without additional hardware.



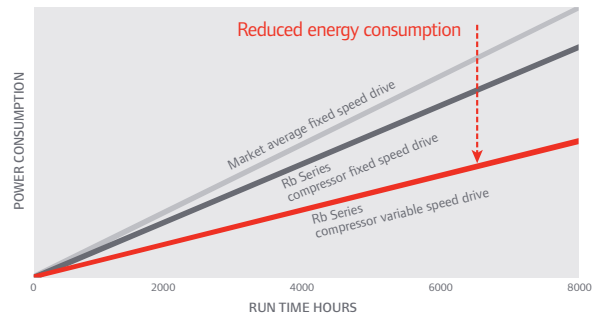
Premium Efficiency IE3 Motors

reducing your utility bills, TEFC High Performance induction motor with Class F Insulation. Duty rated star delta starter for Lower in Rush current. Designed to perform in harsh conditions ensuring Peace of mind with High reliability.

Driving Towards Maximum Efficiency using Variable Speed Drives (VSD's)

When approx. 20-25% of the total electrical energy is used by Industry to run compressors, it makes compressed air 10 times costlier than electricity. This increases the need to improve efficiency and reduce the wastage of power.

Advanced IE3 efficiency motor. For even more efficiency, optional Variable Speed Drive can help you save 35% of the energy cost.



VFD Option is available for Rb Series Rotary Screw Air Compressors



Ultra coolant

- Ingersoll Rand Bio-degradable Synthetic Ultra Coolant with 2 Years/8000 hour of life.
- Minimum Maintenance Cost due to longer duration between replacement of the coolant.
- No Varnish formation leading to Improved Reliability & life of Rotor; Bearing; Heat Exchanger & Separator.

Performance Chart

55 – 90 kW Rotary Screw Air Compressors								
Model	Power	Capacity	Pressure in psig		Dimension in meter			Weight
	kW	cfm	rated	max.	length	width	height	kg
Rb55i-7.5	55	360	100	110	2.65	1.32	1.43	1450
Rb55i-8.5	55	333	115	125	2.65	1.32	1.43	1450
Rb55i-10	55	303	135	145	2.65	1.32	1.43	1450
Rb75i-7.5	75	520	100	110	2.65	1.32	1.43	1640
Rb75i-8.5	75	475	115	125	2.65	1.32	1.43	1640
Rb75i-10	75	435	135	145	2.65	1.32	1.43	1640
Rb90i-7.5	90	602	100	110	2.65	1.32	1.54	2016
Rb90i-8.5	90	566	115	125	2.65	1.32	1.54	2016
Rb90i-10	90	505	135	145	2.65	1.32	1.54	2016

Conversion Details : 1 cfm = 0.02831 m³/min • 1 psi = 0.07031 kg/cm² • 1 m³ = 1000 litres • 1 hp = 0.746 kW

* FAD (Free Air Delivery) m³/min are full-package performance ratings in accordance with CAGI/Pneurop acceptance test standard PN2CPTC2 or ISO 1217.



Customer Support Center 1-800-102-7926
customersupportindia@irco.com

Ingersoll Rand (India) Ltd.

21-30, GIDC Estate, Naroda,
Ahmedabad - 382 330, India.

Phone : (079) 4070 6200

E-mail : aircsolutionsindia@irco.com

Regional Offices' Phone Numbers • **WEST** – Mumbai : (022) 61540500, Nagpur : (0712) 6641464/65, Pune : (020) 41005400, Surat : (0261) 2350064/65, Indore : (0731) 2435622 • **EAST** – Kolkata : (033) 44186200, Jamshedpur : (0657) 2233128 • **SOUTH** – Bangalore : (080) 22166001, Chennai : (044) 40147000, Coimbatore : (0422) 4022888, Hyderabad : (040) 23425800/01 • **NORTH** – Chandigarh : (0172) 4677374, Gurgaon : (0124) 6729000

About Ingersoll Rand Inc.

Ingersoll Rand Inc. (NYSE:IR), driven by an entrepreneurial spirit and ownership mindset, is dedicated to helping make life better for our employees, customers and communities. Customers lean on us for our technology-driven excellence in mission-critical flow creation and industrial solutions across 40+ respected brands where our products and services excel in the most complex and harsh conditions. Our employees develop customers for life through their daily commitment to expertise, productivity and efficiency. For more information, visit www.IRco.com