



# Contact-Cooled Rotary Screw Air Compressors

RMb Series (30 - 160 kW)

## Revolutionize your operations with our Next Gen value performance – The RMb Series of compressors

Ingersoll Rand rotary screw air compressors offer the best of time-proven designs and technologies with new, advanced features to ensure the highest levels of Productivity, Reliability, Efficiency and Serviceability.



## High-efficient Gear Driven System

- Highly efficient gear driven system that is efficient and stable functioning to increase service life.
- It's the only drive system that is maintenance free and totally isolated from the environment.



- Nothing to maintain between motor and rotor shaft
- Sealed housing
- Power transmission – best in class



## 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.



## Time-Proven Reliable Airends

### 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.



## Serviceability

- Longer Service Intervals increases the productivity & makes the servicing of the machine easier & hassle free.
- Offers the best of the space for servicing making the machine ergonomically friendly for technician to service with no fatigue.

## Ultracoolant

- 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.
- Specifically Designed for Rotary Compressors giving uninterrupted service by lubrication, sealing, & Cooling.



## Performance Chart

### 50 Hz Performance

Model	Max Pressure bar	Nominal Power kW	Capacity (FAD*) cfm	Dimension (LxWxH) mm	Weight kg
<b>RMb30i</b>	7.5	30	205	2100 x 1050 x 1215	885
	8.5	30	197	2100 x 1050 x 1215	885
	10	30	185	2100 x 1050 x 1215	885
<b>RMb37i</b>	7.5	37	244	2100 x 1050 x 1215	905
	8.5	37	228	2100 x 1050 x 1215	905
	10	37	218	2100 x 1050 x 1215	905
<b>RMb55i</b>	7.5	55	360	2405 x 1325 x 1435	1402
	8.5	55	333	2405 x 1325 x 1435	1402
	10	55	303	2405 x 1325 x 1435	1402
<b>RMb75i</b>	7.5	75	471	2405 x 1325 x 1435	1509
	8.5	75	451	2405 x 1325 x 1435	1509
	10	75	410	2405 x 1325 x 1435	1509
<b>RMb110i</b>	7.5	110	733	2850 x 1700 x 1800	2508
	8.5	110	678	2850 x 1700 x 1800	2508
	10	110	618	2850 x 1700 x 1800	2508
	14	110	486	2850 x 1700 x 1800	2508
<b>RMb132i</b>	7.5	132	890	2850 x 1700 x 1800	2788
	8.5	132	845	2850 x 1700 x 1800	2788
	10	132	745	2850 x 1700 x 1800	2788
<b>RMb160i</b>	7.5	160	1052	2850 x 1700 x 1800	2888
	8.5	160	1025	2850 x 1700 x 1800	2888
	10	160	920	2850 x 1700 x 1800	2888
	14	160	710	2850 x 1700 x 1800	2888

\* FAD ( Free Air Delivery ) is full package performance including all losses. Tested in accordance with ISO 1217 : 1996 Annex C.



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### 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](http://www.IRco.com)

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