

Marine Air Compressors

90-160kW

Ingersoll Rand offer specially designed air compressors for the Marine industry. These compressors are made for this special rugged environment and can be individually tested and approved by the vessels designated approval body. They are manufactured on a special production line and include unique features required by the Marine industry.

Global Service

No matter where you are, Ingersoll Rand is committed to providing you with the service you need. Our worldwide network of certified, factory trained technicians and engineers are a phone call away, ready to support you with innovative and cost-effective service solutions that will keep you running at peak performance.

Small Footprint

The new Ingersoll Rand 90-160 kW Marine air compressors' width has been reduced by 28%, featuring now the competitive dimensions of 95 cm width and 295 cm length. The reduced dimensions will not only decrease your footprint usage, you will equally achieve time efficiency thanks to easier and faster installation.

Higher Flow, Greater Efficiency

Two specific pressure versions - 6 and 8 barg - have been designed to provide higher flow rates. Combined with an increased motor efficiency, this compressor achieves a flow rate increased by 15% for bulk handling applications and 5% for nitrogen generators.

Reliability and Robustness

The V-Shield Technology improves the reliability of this compressor through repeatable leak-free connections and superior VITON™ elastomeric seals. Due to less connection points, the potential leak paths were reduced by 15%.

The Ingersoll Rand 90-160kW Marine compressors are engineered to operate under high ambient conditions with up to 50°C, which ensures longer lifetime.

Easy and Limited Maintenance

Innovations, such as the coolant filter's re-usable canister and the separator elements' swing out lid ensure a quick and easy maintenance. Extended lifetime of the elements allows an increased interval of required maintenance.



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Reliability right to the core

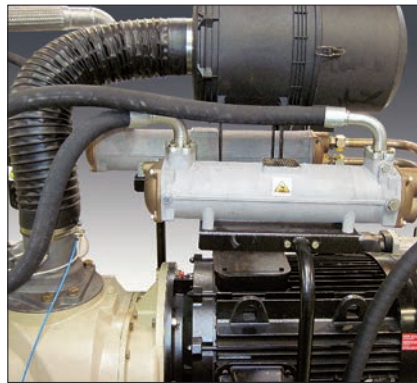
The core feature/benefits developed by the "voice of the customer" and listening to marine customers, ship owners and shipyard requirements;



- Small footprint.
- Certified by the appropriate third party.
- Remote connectivity to ships control systems.
- Sea water coolers with 90/10 CU/Ni piping.
- Environmental protection, IP55, anti-condensate heaters.
- Intellisys control panel with intuitive heads up display.
- Fully interconnected and ready to go.
- Customised features - modulation / soft start / voltage options / power outage restart.



Star delta starter. Soft start is optional.



Sea water coolers. Shell and tube facilitates cleaning.




Small footprint : 95 cm width for easier installation and reduced used space

Technical Specifications – Bulk Handling and Air Separation Applications

Model	Rated pressure (barg)	Flow (m ³ /min)	Rated pressure (barg)	Flow (m ³ /min)	Nominal power (kW)	Dimensions L x W x H (mm)	Max. ambient (°C)
R90	6	18.7	8	16.4	90	2950 x 950 x 1800	50
R110	6	23.0	8	20.2	110	2950 x 950 x 1800	50
R132	6	27.0	8	24.0	132	2950 x 950 x 1800	50
R160	6	29.2	8	27.8	160	2950 x 950 x 1800	50

Unit performance measured according to ISO1217:1996 annex C. Reference conditions: 1 bar a, 0% RH, 20°C ambient. Approved for non essential duty.



TRYKLUFF CENTRET

Landsdækkende salg og service

Tlf.: 7022 1199 - E-mail: info@tcaa-trykluff.dk - www.tcaa-trykluff.dk

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