AIR COMPRESSOR
OIL-LESS, LOW-PRESSURE SHIPBOARD AIR

MODEL MARC-350

- MAX DISCHARGE PRESSURE: 150 PSIG (10.3 BAR)
- MAX FLOW RATE: 380 SCFM
- PROGRAMS: CVN, LCC
- LOW NOISE
- DURABLE, HIGH-EFFICIENCY DESIGN
- MODULAR BUILD FOR SHIPBOARD INSTALLATION
- MIL-SPEC HARDWARE AVAILABLE

RIX

FOCUSED ON THE FUTURE

To learn more or to discuss your specific application, please contact us at:

4900 Industrial Way | Benicia, CA | 94510 | P: 707.747.5900 | www.rixindustries.com

OIL-LESS, LOW-PRESSURE AIR PLANT FOR SHIPBOARD APPLICATIONS

TECHNICAL SPECIFICATIONS

COMPRESSOR TYPE	Z-Screw Rotating Type, Single-Stage, Electric Motor Driven
COMPRESSOR DRIVE	Direct, Shaft Coupled
POWER REQUIREMENT	440VAC, 3 phase, 60 Hz, 75 KW
ENVIRONMENT	Enclosed Marine (Below decks, environmentally protected)
AMBIENT TEMPERATURE	35 °F to 120 °F
HUMIDITY	0 - 100% RH
FLOW CAPACITY	380 SCFM (300 SCFM after Optional Dehydrator)
DISCHARGE PRESSURE	100 - 135 psig
WEIGHT	5800 lbs. (6500 lbs. after Optional Dehydrator)
MOTOR	Continuous Duty, 125 HP, 3600 [3540] RPM, 440VAC, 3 phase, 60 Hz, Totally Enclosed Squirrel-cage Induction, Class F Insulation
OPERATION	PLC Control System
COOLING WATER CAPACITY	26 gal. Automatic Supply and Drain
COOLING WATER	40-50 gpm
HEAT EXCHANGER	Plate Type Titanium, with Optional Welded "MAXCHANGER"
DIMENSIONS (INCHES)	80L x 64W x 40H (Package, 60H after Optional Dehydrator) 68L x 29W x 40H (Comp. Module) 68L x 29W x 40H (Control Module)
INLET FILTRATION	Paper Filter Type, 3µ Particulate
WATER FILTRATION	Cartridge Type, 10µ Particulate
DEHYDRATOR	Optional - RIX Integrated Dehydrator System from Titus Co.

The MARC-350 Low Pressure Air Plant is installed with a PLC Controller and Touch Screen Display.

An Optional Membrane Dehydrator System and MIL SPEC hardware is available.

ABOUT RIX INDUSTRIES

Founded in 1878, RIX Industries is a technology-focused company, headquartered in Benicia, CA, specializing in the design, development and manufacturing of pneumatic energy storage and transfer-control system solutions, including gas generation systems, precision compressor solutions and cryogenic cooling technologies for critical applications in Marine, Aerospace, Land, Energy, Industrial and Medical markets.

To learn more or to discuss your specific application, please contact us.

RIX

FOCUSED ON THE FUTURE

4900 Industrial Way | Benicia, CA | 94510 | P: 707.747.5900 | www.rixindustries.com