

AIR COMPRESSOR

OIL-LESS, LOW-PRESSURE SHIPBOARD AIR



MODEL STAR-200C/D

MAX DISCHARGE PRESSURE: 150 PSIG

MAX FLOW RATE: 200 SCFM

PROGRAMS: SSN, LHA, LHD, LSD, CG, DDG, T-AOE

DURABLE, HIGH-EFFICIENCY DESIGN

NAVSEA AND MIL-SPEC QUALIFIED

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

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OIL-LESS, LOW-PRESSURE AIR COMPRESSOR

TECHNICAL SPECIFICATIONS

COMPRESSOR TYPE	RIX Model STAR-200C/D, Low Pressure, Oil-Free, Rotary Single-Screw Type, Water-Injected, 200 SCFM, 150 PSIG, Electric Motor Drive.
COMPRESSOR DRIVE	Direct, Shaft Coupled
POWER REQUIREMENT	440 VAC, 3 phase, 60 Hz, 58A
COMPRESSOR MOTOR	60 HP, 3565 rpm, 1.15 SF, FLA 71.5A, Drip Proof Fan Cooled
PACKAGE	Marine Skid Mounted (Hatchable)
AMBIENT AIR TEMPERATURE	Operating 32°F to 122°F (0°C to 50°C) Non-operating 10°F to 160°F (-12°C to 71°C)
INTAKE AIR TEMPERATURE	50°C Maximum
INTAKE AIR PRESSURE	Atmospheric
FLOW RATE	200 SCFM (238 Nm ³ /h)
DISCHARGE PRESSURE	100 to 150 PSIG (4.1 to 10.3 barg)
CONTROL SYSTEM	PLC based compressor management system with color touchscreen display
INSTRUMENTATION	Full-range monitoring of all compressor variables with adjustable set points
COOLING TYPE	Water-cooled
Fresh Water Inlet Pressure	25 to 105 psig
Fresh Water Inlet Temperature	Maximum of 110°F (43°C)
Seawater Inlet Pressure	20 to 175 psig
Seawater Inlet Temperature	Maximum of 95°F (35°C)
Seawater Flow Rate	40 gpm (150 lpm)
DRY WEIGHT	3,500 lbs.
DIMENSIONS	42" W x 64" L x 60" H

AVAILABLE MIL-SPEC QUALIFICATIONS

MIL-S-901, SHOCK TEST REQUIREMENTS FOR SHIPBOARD MACHINERY, EQUIPMENT AND SYSTEMS

MIL-STD-167-1, MECHANICAL VIBRATIONS OF SHIPBOARD EQUIPMENT

MIL-STD-461, REQUIREMENTS FOR CONTROL OF ELECTROMAGNETIC INTERFERENCE EMISSIONS AND SUSCEPTIBILITY

MIL SPEC TECHNICAL MANUAL MIL PROVISIONING TECHNICAL DOCUMENTATION AND SPARES LIST

EOSS/MRC'S/SAFETY ASSESSMENT/HUMAN ENGINEERING

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.

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