

1M6A Air Cooled Chiller/Heater

Specifications and Features

- Net Cooling Capacity 1,800 Watts at +10°C (60 Hz)
 1,500 Watts at +10°C (50 Hz)
- Net Heating Capacity 1,500 Watts
- Fluid Adjust Range 0°C to +60°C
- Temperature Stability ± 0.5°C
- Stainless Steel Reservoir 2.5 Gallons
- Recirculating Fluid Fluorinert FC-3283
- Recirculating Flow/Pressure 2.5 Gpm at 50 Psi
 (both 50 Hz and 60 Hz)
- Recirculating Supply/
 Return Fittings 1/2" Stainless Steel FPT
- Condenser Air Flow 1,100 CFM Front-to-Rear
- Heat Rejection to Ambient 14,000 BTU/hr maximum
- Electrical Service 200/240 VAC, single phase,
 50/60 Hz, 25 amp service
- Physical Parameters 52" H x 24" W x 34" D
 550 pounds dry weight
- OEM Warranty 14 Months, Parts and Labor
- Refrigerant HFC Type R-507
- Compressor 1.5 Hp Hermetically-sealed
- Pump 1.5 Hp Magnetically-coupled Turbine
 powered by a variable frequency drive
 (VFD) to provide adjustable output flow
 and pressure
- Safety Interlocks Reservoir low level and empty float
 switches, refrigerant high and low
 pressure switches, fluid flowmeter
 and pressure gauge, over-temp and
 over-pressure switches.
- Construction Welded steel frame with
 aluminum side panels. Frame
 and panels are powder coated
 for durability. Locking casters
 with adjustable leveling pads.
- Controller PID type controller that utilizes
 fully proportional cooling and
 heating with the patented Mydax
 refrigeration circuit
- Interfacing RS-232 for Remote Control
 and Monitoring
- Safety Standards Refrigeration Standard ARI 590-92,
 National Electrical Code NFPA-70,
 Electrical Standard for Industrial
 Machinery NFPA-79

Patents: #4,742,689, #4,959,972, #4,934,155



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