

1M180A Air-Cooled Chiller

Specifications

- Fluid Setpoint Range +25°C to +80°C
- Temperature Stability ± 1.0°C
- Net Cooling Capacity 52,750 Watts at +50°C,
Ambient air up to 90°F (180,000 BTU/hr at +122°F)
- Heating Capacity 6,000 Watts on 460 VAC
- Recirculating Fluid Water
- Stainless Steel Reservoir 30 Gallons
- Recirculating Flow/Pressure 30 Gpm at 35 PSI
- Recirculating Fittings 1 1/2" Stainless Steel FNPT
- Condenser Air Flow 33,000 CFM, Directed Upward
- Installed Clearances 36" All Sides
- Heat Rejection to Ambient 260,000 BTU/hr Maximum
- Electrical Service 440/480 VAC, 60 Hz, 3 Phase,
80 Amp Service
- Physical Parameters 92" H x 51" W x 144" D,
2,050 Lbs. Dry Weight (approx.)
- Warranty 12 Months, Parts and Labor



Similar Model Shown

Features

- Refrigeration 25 Hp Semi-hermetically sealed compressor, R-507 refrigerant, three-fan overhead condenser
- Recirculation 3 Hp stainless steel canned-motor centrifugal pump with no rotating mechanical seals, SS brazed plate heat exchanger, SS turbine flowmeter, Bypass flow adjust valve, panel mounted pressure gauge, copper piping
- Safety Interlocks Reservoir low level and empty switches, refrigerant high and low pressure switches, rotary flowmeter in fluid return path, fluid over-temperature switch
- Construction Welded steel frame with aluminum panels, frame and panels are powder coated for durability, mounted on I-beam supports
- Controller PID type controller with a 5.7" color graphic touch-screen display providing fully proportional cooling and heating with the Mydax patented refrigeration circuit
- Interfacing External contacts providing run and alarm status, RS-232 serial interface
- Safety Standards Refrigeration Standard ARI 590-92 National Electrical Code NFPA-70, Electrical Standard for Industrial Machinery NFPA-79

Please contact Mydax to customize this system for your specific needs

