

1M75A Air-Cooled Chiller/Heater (Indoor-Rated)

Specifications

- Fluid Setpoint Range +15°C to +40°C
- Temperature Stability ± 0.5°C
- Net Cooling Capacity 21,915 Watts at +21°C (74,730 BTU/hr at 70°F)
- Heating Capacity 10,000 Watts on 460 VAC
- Recirculating Flow/Pressure 10 Gpm at 25 Psi
- Stainless Steel Reservoir 10 Gallons
- Recirculating Fluid Water
- Recirculating Supply/Return Fittings 3/4" Stainless Steel FPT
- Condenser Air Flow 7,800 CFM Front-to-Rear
- Heat Rejection to Ambient 107,000 BTU/hr (maximum)
- Electrical Service 440/480 VAC, 60 Hz, 3 phase, 50 amp service
- Physical Parameters 66" H x 38" W x 62" D
1,200 pounds dry weight
- Warranty 12 Months, Parts and Labor

Features

- Refrigeration 10 Hp hermetically sealed compressor, R-134A refrigerant (10 lbs.)
- Recirculation 1/2 Hp centrifugal pump, internal plumbing of system complete with bypass circuit
- Controller PID type controller that utilizes fully proportional cooling and heating with the Mydax patented refrigeration circuit, system status indicated via a 4.5 inch color graphic touch-screen display
- Safety Interlocks Reservoir low level and empty switches, refrigerant high and low pressure switches, rotary flowmeter with low flow warning alarm, over-temperature switch
- Construction Welded steel frame with aluminum side panels, frame and panels are powder coated for durability, locking casters with adjustable leveling pads
- Interfacing RS-232 serial interface for remote control and monitoring
- Safety Standards Refrigeration Standard ARI 590-2, National Electrical Code NFPA-70, Electrical Standard for Industrial Machinery NFPA-79



Similar Model Shown

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



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