

## 1M60A Air-Cooled Chiller/Heater

### Specifications and Features

- Fluid Setpoint Range +4°C to +30°C
- Temperature Stability  $\pm 1.0^{\circ}\text{C}$
- Net Cooling Capacities 17,500 Watts at +10°C  
Ambient air up to 90°F  
60,000 Btu/hr at +50°F
- Heating Capacity 3,000 Watts on 460 VAC
- Recirculating Flow/Pressure 4 Gpm at 30 PSI
- Stainless Steel Reservoir 10 Gallons
- Recirculating Fluid 35% Ethylene Glycol /  
65% Water
- Recirculating Supply/  
Return Fittings 3/4" Stainless Steel FNPT
- Condenser Air Flow 7,800 SCFM front to rear
- Electrical Service 440/480 VAC, 60 Hz, 3 phase,  
40 amp service
- Physical Parameters 66" high x 38" wide x 62" deep  
1000 lbs dry weight approx.
- Warranty 12 Months, Parts and Labor
- Refrigeration 10 Hp Scroll compressor,
- Condenser Dual Fan unit controlled to maintain ideal  
head pressure over all load conditions
- Recirculation 1.0 HP centrifugal pump, rotary flowmeter  
installed in fluid return circuit, output flow  
adjust globe valve, panel mounted pressure  
gauge, copper piping
- Safety Reservoir low level and empty switches,  
Interlocks refrigerant high and low pressure  
switches, fluid over temperature switch,  
emergency off switch



Similar Model Shown

- 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 Remote contacts providing run and  
alarm status, RS-232 serial interface
- Construction Welded steel frame with aluminum  
panels, powder coated and mounted  
on locking casters
- Safety Standards Refrigeration Standard AHRI 550/590,  
National Electrical Code NFPA-70,  
Electrical Standard for Industrial  
Machinery NFPA-79

**Please contact Mydax to customize this  
system for your specific needs**



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

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