

1M6A Air Cooled Chiller/Heater

Specifications and Features

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| • 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 (approx.) | • Construction |
| • Warranty | 12 Months, Parts and Labor | Welded steel frame with aluminum side panels. Frame and panels are powder coated for durability. Locking casters with adjustable leveling pads. |
| • Refrigerant | HFC Type R-507 | |
| • Compressor | 1.5 Hp Hermetically-sealed | • Controller |
| • Recirculation | 1.5 Hp magnetic-drive turbine pump powered by an optional variable frequency drive (VFD) to provide adjustable flow and pressure, SS brazed plate heat exchanger, SS turbine flowmeter, Bypass flow adjust valve, panel mounted pressure gauge, optional Full flow 30 micron particle filter, copper piping | PID controller with a 5.7 inch color graphic touch-screen display providing fully proportional cooling and heating with the Mydax patented refrigeration circuit |
| • 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. | • Interfacing |
| | | Remote contacts providing run and alarm status, RS-232 serial interface for remote control and monitoring |
| | | • 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



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