

3LM30A-OD 3-Channel, Outdoor Air-Cooled Chiller/Heater

Specifications:

- **Total Net Cooling Capacity:** 9,000 Watts (30,735 Btu/hr)
Total is shared between the 3 loops; 3,000 Watts in any single loop
- **Rating Conditions:** Fluid outlet: -15°C (+5°F)
Ambient Air: +38°C (100°F)
- **Net Heating Capacity:** 3,000 Watts @ 460 VAC, each loop
- **Fluid Adjust Range** -15°C to +50°C (5°F to 122°F)
- **Temperature Stability** ± 0.5°C (±0.9°F)
- **Recirculating Flow/Pressure** up to 4 Gpm @ 40 Psi, each loop
- **Stainless Steel Reservoir** 5 Gallons, each loop
- **Recirculating Fluid** PAO, Royco 602
MIL-PRF-87252
- **Recirculating Supply/Return Fittings** 3/4" Stainless Steel FNPT
- **Condenser Air Flow** 10,400 CFM directed up
- **Ambient Use Range** -28°C to +43°C
(-20°F to +110°F)
- **Electrical Service** 440/480 VAC, 60 Hz, 3 phase
44 amp nominal, 60 amp service
- **Physical Parameters** 81"Height x 55"Wide x 80"D deep
1900 pounds dry weight
- **Warranty 12 months, Parts and Labor at installation site**

Refrigerant:	Ozone safe HFC type R-507
Compressor:	20 HP Semi-Hermetic
Condenser:	Dual Fan unit, controlled to maintain a constant head pressure over the full ambient temperature range.
Pump:	Three 1.5 HP Stainless Steel Magnetically-Coupled leak-free and seal-less
Safety Interlocks:	Reservoir empty float switch, refrigerant high and low pressure switches, rotary fluid flowmeter, over-temp switches.



Features:

The chiller comes complete with our patented* microprocessor-controlled, low-stress refrigeration system, circulating pump and fluid reservoir. This chiller is outdoor rated with the control panel and all electronics mounted inside a NEMA 4 enclosure. The refrigeration circuit uses all-brazed construction. The heavy duty frame is constructed of welded steel tubing mounted on I-beam supports. The outer panels are 0.09" aluminum. The frame and panels are powder coated for durability. Also standard is an extensive monitoring capability, which includes a self-diagnostic display panel/keyboard. The chiller includes an RS-232C computer interface for remote control and monitoring of all functions.

This chiller system can be ETL Listed to the **UL 1995 Heating and Cooling Equipment Standards**.
CE mark is available.

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

If you have questions regarding a specific application of this product or require information on any other Mydax products, please call us.

5.29.2003



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