

1LH75A-OD

Outdoor Rated Air-Cooled Chiller

Specifications:

- **Net Cooling Capacity:** 22,000 Watts, 75,000 Btu/hr
Rating Conditions:
Fluid outlet: -20°C (-4°F)
Ambient Air: +38°C (100°F)
- **Net Heating Capacity:** 18,000 Watts, 61,500 Btu/hr
- **Fluid Adjust Range** -30°C to +150°C (-22°F to 302°F)
- **Temperature Stability** ±1°C (±1.8°F)
- **Recirculating Flow/Pressure** 15 Gpm at 30 Psi
- **Stainless Steel Reservoir** 30 Gallons
- **Recirculating Fluid** Dow Chemical Syltherm HF
- **Recirculating Supply/Return Fittings** 1" Stainless Steel FPT
- **Condenser Air Flow** 9,600 CFM directed up
- **Ambient Use Range** -28°C to +38°C (-20°F to +100°F)
- **Electrical Service** 440/480 VAC, 60 Hz, 3 phase
80 amp service, 67 amp nominal
- **Physical Parameters** 81"Height x 55"Wide x 80"D deep
2,250 pounds dry weight
- **Warranty 12 months, Parts and Labor at installation site**



Features:

- Controller:** PID type controller that utilizes a fully proportional cooling and heating with the Mydax Patented refrigeration circuit.
- Enclosure:** All electrical components are located in a NEMA 4 enclosure with ambient temperature and humidity protection.
- Construction:** Welded steel frame with aluminum side panels. Frame and panels powder coated for durability. Mounted on I-Beams.
- Interfacing:** Standard is RS-232
Optional: 4-20mA or 0-10VDC others available

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- Refrigerant:** HFC type R-507
 - Compressor:** 25 HP Semi-Hermetic, 2-Stage
 - Condenser:** 9,600 CFM Dual Fan unit.
 - Pump:** Sealless Leakproof, Stainless Steel Centrifugal Canned Motor
 - Safety Interlocks:** Reservoir empty float switch, refrigerant high and low pressure switches, rotary fluid flowmeter, over-temperature switches.

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.

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