

## 3LM30A 3-Channel Air-Cooled Chiller/Heater

### Specifications and Features

- Fluid Setpoint Range -15°C to +50°C
- Temperature Stability ± 0.5°C
- Net Cooling Capacities 9,000 Watts at -15°C  
Total is shared between 3 loops: 3,000 watts in any single loop
- Heating Capacity 3,000 Watts on 460 VAC  
Each Loop
- Recirculating Flow/Pressure 4 Gpm at 110 PSI, Each Loop
- Stainless Steel Reservoir 5 Gallons
- Recirculating Fluid PAO, Royco 602  
MIL-PRF-87252
- Recirculating Supply/  
Return Fittings 3/4" Stainless Steel FNPT
- Condenser Air Flow 10,400 SCFM Upward
- Electrical Service 440/480 VAC, 60 Hz, 3 phase,  
60 amp service
- Physical Parameters 81" H x 50" W x 80" D
- Warranty 12 Months, Parts and Labor
- Refrigeration 20 Hp semi-hermetically sealed compressor,  
R-507 refrigerant, 50 lbs.
- Condenser Dual Fan unit controlled to maintain ideal  
head pressure over the full ambient range
- Recirculation Three 2 HP seal-less canned motor turbine  
pumps powered by variable frequency  
drives for optimum flow and pressure adjust  
ments, rotary flowmeters installed in fluid  
return circuit, panel mounted pressure  
gauges
- Safety Interlocks Reservoir low level and empty switches,  
refrigerant high and low pressure  
switches, fluid over-pressure and  
over temperature switches, 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  
for remote control and monitoring
- Construction Welded steel frame with aluminum  
panels, powder coated and mounted  
on locking casters
- Safety Refrigeration Standard ARI 590-2,  
Standards 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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