

CryoDax 8 Water-Cooled Chiller/Heater

Standard Specifications and Features

- Fluid Setpoint Range -70°C to +80°C
- Temperature Stability ± 1.0°C
- Net Cooling Capacities 5.7 kW at -30°C
 3.0 kW at -40°C 2.0 kW at -50°C
 800 W at -60°C 250 W at -70°C
- Heating Capacity 3,000 Watts on 208 VAC
- Recirculating Flow/Pressure 4 Gpm at 30 PSI,
 2 Gpm at 60 PSI
- Stainless Steel Reservoir 5 Gallons (vented)
- Recirculating Fluid Syltherm HF or XLT
- Recirculating Supply/
 Return Fittings 3/4" Stainless Steel FNPT
- Facilities Requirements Up to 4.0 Gpm at 70°F inlet,
 20 Psi ΔP
- Facilities Supply/
 Return Fittings 1/2" Stainless Steel FNPT
- Electrical Service 208/230 VAC, 60 Hz, 3 phase,
 40 amp service
- Physical Parameters 60" H x 30" W x 36" D,
 940 lbs. dry weight approx.
- Warranty 12 Months, Parts and Labor
- Refrigeration 8 Hp semi-hermetically sealed compressor,
 R-507 refrigerant
- Condenser Brazed plate heat exchanger with a
 water flow control valve to automatically
 maintain condensing temperature
- Recirculation 1.5 Hp SS seal-less magnetic-drive turbine
 pump, turbine fluid flowmeter in recirculating
 return, pressure gauge, overpressure switch,
 brazed plate heat exchanger, copper piping
- Safety Interlocks Fluid low level and empty switches,
 refrigerant high and low pressure switches,
 turbine fluid flowmeter, over-temp switch



- 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, frame and panels are powder
 coated for durability, mounted on
 locking casters and leveling feet
- Safety Standards Refrigeration Standard AHRI 550/590,
 National Electrical Code NFPA-70,
 Electrical Standard for Industrial
 Machinery NFPA-79

**Contact Mydax to customize this system
for your specific needs**



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