

## 2VLH20WC Water-Cooled Chiller/Heater

- Total Net Cooling Capacity @ -40°C in each loop with the other loop not requiring any cooling 5,865 Watts or 20,000 Btu/hr
- Total Net Cooling Capacity @ -10°C in each loop with the other loop not requiring any cooling 12,000 Watts or 40,920 Btu/hr
- Total Net Cooling Capacity @ +10°C in each loop with the other loop not requiring any cooling > 15,835 Watts or 54,000 Btu/hr
- Net Heating Capacity @ +150°C each loop 7,000 Watts @460 VAC
- Total Heater Capacity each loop 9,000 Watts @460 VAC
- Fluid Temperature Setpoint Range -50°C to +150°C
- Vessel Temperature Setpoint Range -30°C to +130°C
- Temperature Stability  $\pm 0.5^{\circ}\text{C}$
- Stainless Steel Reservoir Volume 18 Gallons (Full Hot) each loop
- Recirculating Flow/Pressure each loop Internally Adjustable from 2 to 10 Gpm and up to 30 PSI
- Recirculating Fluid options Dow Chemical Syltherm HF silicone oil
- Recirculating Supply/Return Fittings 1.0" Stainless Steel FPT for each loop
- Facilities Supply/Return Fittings 3/4" Stainless Steel FPT
- Facilities requirements 2 to 9 Gpm @65°F inlet with 30°F  $\Delta\text{Temp}$ .  
20% Propylene Glycol/Water 90,000 BTU/Hr at max. output
- Electrical Service 440/480 VAC, 60 Hz, 3 phase, 60 amps total service
- Physical Parameters 70"H x 36"W x 45"D, approx. 1500 lbs dry weight
- Warranty One Year, Parts and Labor

### Features:

This Chiller/Heater comes complete with our patented microprocessor-controlled, low-stress refrigeration system, circulating pumps and fluid reservoir. R-507, an environmentally friendly HFC refrigeration circuit uses all-brazed construction. The heavy duty frame is constructed of welded steel tubing mounted on locking casters. Also standard is an extensive monitoring capability, which includes a self-diagnostic display panel/keyboard, a low reservoir warning and shutdown switch and a 10°C over-temperature shut-down and sensor fault alarm. This chiller system is designed in compliance with ARI 590-92, IBM non-product safety design standards, the National Electrical Code and all electrical components are UL listed. The unit includes an RS-232C computer interface for remote control.

*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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