Excellence in Temperature Control

2VLH60W 2-Channel, Water-Cooled Chiller/Heater

Specifications

	Loop 1 (Cold Tank)	Loop 2 (Hot Tank)
• Fluid Temperature Setpoint Ranges	-50°C to +30°C	+15°C to +95°C
• Temperature Stability (*each loop*)	± 1.0°C or Better	
• Net Cooling Capacities	30,000 Watts at -40°C	2,000 Watts at +20°C
• Heating Capacities at 460 VAC	3,000 Watts	30,000 Watts
• Stainless Steel Reservoir Volume (*each loop*)	5 Gallons	
• Recirculating Fluid (*each loop*)	Dow Corning Syltherm HF or XLT Silicone Oil	
• Recirculating Flow and Pressure (*each loop*)	10 Gpm at 45 Psi (some used for internal bypass)	
• Recirculating Supply and Return Fittings (*each loop*)	3/4" Stainless Steel FPT	
• Condenser Water Requirements	Up to 22 Gpm at +21°C (70°F) Inlet, 20 Psi ΔP	
• Condenser Water Supply and Return Fittings	1" Stainless Steel FPT	
• Electrical Service	440/480 VAC, 60 Hz, 3 Phase, 160 Amp Service	
• Physical Parameters	73"H x 60"W x 63"D, 2500 lbs. dry weight	
• Warranty: 12 Months, Parts and Labor		

Features

This system comes complete with our patented microprocessor-controlled, low-stress refrigeration circuit, recirculating pumps and fluid reservoirs. The R-507 refrigeration circuit uses all-brazed construction and the heavy duty frame is constructed of welded steel tubing mounted on locking casters with leveling feet. Also standard is an extensive monitoring capability, which includes a self-diagnostic touch-screen display, low reservoir warning and shutdown switches and a 10°C over-temperature shut-down and sensor fault alarm. Designed and manufactured in compliance with Refrigeration Standard ARI 590-92, the National Electrical Code NFPA-70, and the Electrical Standard for Industrial Machinery NFPA-79. Equipped with an RS-232 serial interface for remote control and monitoring.

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

12260 Shale Ridge Lane
Auburn, CA 95602
530-888-6662

2007.12.07

Fax: 530-888-0962
www.mydax.com
E-mail: sales@mydax.com