Excellence in Temperature Control

2M8A 2-Channel, Air Cooled Chiller/Heater

Specifications

	Loop 1 (Closed Loop)	Loop 2 (Open Loop)
• Fluid Setpoint Range (*both loops*)	+15°C to +35°C (59°F to 95°F)	
• Temperature Stability (*both loops*)	± 1.0°C (±1.8°F) or better	
• Net Cooling Capacity at +28°C (82°F)	885 Watts (3,000 BTU/hr)	1,465 Watts (5,000 BTU/hr)
• Net Heating Capacity (*both loops*)	2,000 Watts	
• Stainless Steel Reservoir	5 Gallons	None
• Recirculating Fluid (*both loops*)	50% Ethylene Glycol / 50% Water	
• Recirculating Flow/Pressure (*both loops*)	4 Gpm at 30 Psi, 2 Gpm at 60 Psi	
• Recirculating Supply/Return Fittings (*both loops*)	3/4" Stainless Steel FPT	
• Condenser Air Flow	1,800 CFM Front-to-Rear	
• Heat Rejection to Ambient	24,000 BTU/hr, maximum	
• Electrical Service	208/230 VAC, 60 Hz, 3 phase, 40 amp service	
• Physical Parameters	54" H x 36" W x 48" D, 600 lbs. dry weight	
• Warranty	12 Months, Parts and Labor	

Features

This system comes complete with our patented microprocessor-controlled, low-stress refrigeration system and recirculating pumps. Flowmeters are included in the recirculating fluid paths. The R-507 refrigeration circuit uses all-brazed construction. The heavy duty frame is constructed of welded steel tubing equipped with locking casters and leveling feet. Also standard is an extensive monitoring capability, which includes a self-diagnostic display panel with keyboard, low reservoir warning and shutdown switches and a 10°C over-temperature shut-down and sensor fault alarm. This chiller is designed in compliance with Refrigeration Standard ARI 590-2, the National Electrical Code NFPA-70, and the Electrical Standard for Industrial Machinery NFPA-79. Complete with an RS-232C computer interface for remote control and monitoring at no extra charge.

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

If you have questions regarding a specific application of this product, please call us.

Actual Model Shown

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