

## 3MP28W 3-Channel Precision Chiller

### Specifications

• Fluid Temperature Setpoint Range	+18°C to +32°C, each loop
• Temperature Stability	± 0.05°C, each loop
• Net Cooling Capacity at +20°C	2,000 Watts (Loops 1 & 2), 4,000 Watts (Loop 3)
• Net Heating Capacity at 240 VAC	2,000 Watts (Loops 1 & 2), 4,000 Watts (Loop 3)
• Recirculating Flow/Pressure	5 Gpm at 50 Psi (Loops 1 & 2), 10 Gpm at 50 Psi (Loop 3)
• Polypropylene Reservoir Volume	11 Gallons (Loops 1 & 2), 22 Gallons (Loop 3)
• Recirculating Fluid	Water (with Aqua Treat B239 additive)
• Recirculating Supply/Return Fittings	1" Stainless Steel Female NPT, with Tri-Clamp Fittings
• Facilities Requirements	Up to 4 Gpm with 21°C Inlet, 20 Psi Differential
• Facilities Supply/Return Fittings	3/4" Stainless Steel Female NPT, with Tri-Clamp Fittings
• Electrical Service	208/240 V, 50/60 Hz, 3 phase, 70 amp service
• Physical Parameters	60" H x 36" W x 50" D, 800 lbs. dry weight
• OEM Warranty	14 Months, Parts and Labor

### Features

This chiller contains 3 independently settable cooling loops, each with a fluid flowmeter included in the return path. The system comes complete with our patented microprocessor-controlled, low-stress refrigeration system, recirculating pumps and fluid reservoirs. 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.

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

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



Similar Model Shown



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