

1M150W Water Cooled Chiller

- Net Cooling Capacity @ +8°C (+46°F) 43,988 Watts or 150,000 Btu/hr
- Net Heating Capacity @ 460VAC 3,000 Watts
- Fluid Temperature Setpoint Range +8°C to +40°C
- Temperature Stability $\pm 0.5^{\circ}\text{C}$
- Recirculating Flow/Pressure up to 40 Gpm @ up to 50 Psi
- Polypropylene Reservoir Volume 44 Gallons
- Recirculating Fluid Deionized Water, to 300K Ohm resistivity
all materials compatible with DI water
- Deionization Maintenance Loop Automatically maintains water resistivity
at a minimum of 300K ohms
- Recirculating Supply/Return Fittings 2" Stainless Steel FPT
- Facilities Supply/Return Fittings 1" Stainless Steel FPT
- Facilities requirements up to 14 Gpm @70°F inlet, 20 PSI differential
- Electrical Service 440/460 VAC, 60 Hz, three phase, 30 amp nominal
- Physical Parameters 70"H x 36"W x 45"D, 1000 lbs dry weight
- Warranty One Year, Parts and Labor

Features:

This chiller comes complete with our patented* microprocessor-controlled, low-stress refrigeration system, circulating pumps and fluid reservoir. A controller serviced turbine flow meter is included in the fluid return path. R-134A, an environmentally friendly HFC refrigeration circuit uses all-brazed construction. The heavy duty frame is constructed of welded steel tubing mounted on locking casters. Included is a full flow 30 micron filter and water resistivity monitor. 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 and monitoring.

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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