

## 1M23AW-OD Outdoor-Rated Air or Water-Cooled Chiller

### Specifications and Features

- Fluid Setpoint Range            +10°C to +40°C
  - Temperature Stability           ± 0.25°C
  - Net Cooling Capacity           6,500 Watts at +15°C
  - Recirculating Flow/Pressure   25 Gpm up to 50 Psi
  - Recirculating Fluid            20% Propylene Glycol,  
80% Water
  - Polypropylene Reservoir      25 Gallons
  - Recirculating Fittings         1 1/2" Stainless Steel FPT
  - W/C Condenser Flow           Up to 3 Gpm at 70°F,  
20 Psi ΔP
  - W/C Condenser Fittings       1/2" Stainless Steel FPT
  - A/C Condenser Flow           1,800 CFM, Front-to-Rear
  - Ambient Temperature Range   -5°C to +40°C (23°F to 104°F)
  - Electrical Service               208/230 VAC, 60 Hz,  
3 Phase, 40 amp service
  - Physical Parameters           60" H x 36" W x 50" D, 800 lbs
  - Warranty                         12 Months, Parts and Labor
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| <ul style="list-style-type: none"> <li>• Refrigeration            3 Hp hermetically-sealed scroll compressor, R-134A refrigerant</li> <li>• Recirculation            1.5 Hp Stainless steel, centrifugal pump, with 30-micron particle filtration</li> <li>• Safety Interlocks      Reservoir empty and low level switches, low flow and Emergency Off switches. Equipped with normally-open contacts to provide an alarm signal to external equipment.</li> <li>• Construction            Welded steel frame with aluminum panels. Frame and panels are powder coated for durability. Equipped with locking casters Outdoor-rated with the control panel and all electronics mounted inside a NEMA 4 enclosure.</li> </ul> | <ul style="list-style-type: none"> <li>• Controller                PID type controller that utilizes fully proportional cooling</li> <li>• Interfacing              RS-232 for remote control and monitoring</li> <li>• Flowmeter                Rotary, installed in return line</li> <li>• Display                    Setpoint and actual temperatures, flowrate, diagnostics</li> <li>• Pressure Indicator      Output pressure gauge, reard panel-mounted</li> <li>• Safety Standards        National Electrical Code NFPA-70, Electrical Standard for Industrial Machinery NFPA-79, Refrigeration Standard ARI 590-92</li> </ul> |
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