

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"> • Refrigeration 3 Hp hermetically-sealed scroll compressor, R-134A refrigerant • Recirculation 1.5 Hp Stainless steel, centrifugal pump, with 30-micron particle filtration • 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. • 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. | <ul style="list-style-type: none"> • Controller PID type controller that utilizes fully proportional cooling • Interfacing RS-232 for remote control and monitoring • Flowmeter Rotary, installed in return line • Display Setpoint and actual temperatures, flowrate, diagnostics • Pressure Indicator Output pressure gauge, reard panel-mounted • Safety Standards National Electrical Code NFPA-70, Electrical Standard for Industrial Machinery NFPA-79, Refrigeration Standard ARI 590-92 |
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