

1HE30W Recirculating Heat Exchanger

Specifications

- Net Cooling Capacity 8,795 Watts (30,000 BTU/hr)
(given a 5°C ΔT between setpoint output and facilities inlet temperatures)
- Fluid Setpoint Range +10°C to +30°C (50°F to 86°F)
- Temperature Stability ± 0.5°C (± 0.9°F)
- Recirculating Fluid Deionized Water
- DI Maintenance Loop Automatically maintains resistivity between 250 and 500 K-ohm
- Recirculating Flow/Pressure 5 Gpm at 60 Psi (100 Psi max)
- Stainless Steel Reservoir 6 Gallons
- Recirculating Supply/Return Fittings 1/2" Stainless Steel FNPT
- Facilities Requirements Up to 5 Gpm at 5°C lower than setpoint, 20 Psi ΔP (100 Psi max)
- Facilities Water Supply/Return Fittings 1/2" Stainless Steel FNPT
- Electrical Service 208/230 VAC, 60 Hz, single phase, 10 amp service, 6 amp draw
- Physical Parameters 48"H x 23"W x 24"D, 300 lbs dry weight



Features

- Pump 1/2 Hp stainless steel, positive displacement rotary vane pump
- Safety Interlocks Reservoir empty, low level, and over-full switches, front panel EMO switch
- External Construction Welded steel frame with aluminum panels. Frame and panels are powder coated for durability. Frame is equipped with locking casters.
- Controller PID type controller that utilizes fully proportional cooling
- Interfacing RS-232 for Remote Control and Monitoring
- Displays Setpoint and actual temperatures, flowrates and diagnostics
- Safety Standards National Electrical Code NFPA-70, Electrical Standard for Industrial Machinery NFPA-79
- Warranty 12 Months, Parts and Labor



12260 Shale Ridge Lane
Auburn, CA 95602
530-888-6662

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Fax: 530-888-0962
www.mydax.com
Email: sales@mydax.com