1HE222WC Recirculating Heat Exchanger

Specifications

- Fluid Setpoint Range: +10°C to +30°C (50°F to 86°F)
- Temperature Stability: ± 0.5°C (± 0.9°F)
- Net Cooling Capacity: 65,000 Watts (222,000 BTU/hr) given a 4°C ΔT between setpoint and facilities inlet temperatures
- Recirculating Fluid: DI Water, 450 to 550 k-Ohms
- Stainless Steel Reservoir: 7 Gallons
- Recirculating Flow/Pressure: 10 Gpm at 60 Psi, with adjustable internal bypass circuit
- Recirculating Supply/Return Fittings: 3/4” Stainless Steel FNPT
- Facilities Water Flow: Up to 16 Gpm, 30 Psi ΔP
- Facilities Water Supply/Return Fittings: 1” Stainless Steel FNPT
- Electrical Service: 208/230 VAC, 60 Hz, 3 Phase, 15 amp service
- Physical Parameters: 50” H x 24” W x 30” D, 300 pounds dry weight approx.

Features

- Pump: 1 Hp SS positive displacement
- Filters: Full flow 10-micron particulate and DI cartridge in bypass circuit with resistivity monitor
- Safety Interlocks: Reservoir empty, low level and over-full float switches, front panel EMO switch
- 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 with a 5.7” color graphic touch-screen display that utilizes fully proportional cooling
- Interfacing: RS-232 for Remote Control and monitoring
- Displays: Setpoint and actual temperatures, flowrates, resistivity, diagnostics
- Warranty: 12 Months, Parts and Labor