

# 1HE222WB Recirculating Heat Exchanger

## Specifications

- Fluid Setpoint Range +10°C to +30°C (50°F to 86°F)
- Temperature Stability  $\pm 0.5^{\circ}\text{C}$  ( $\pm 0.9^{\circ}\text{F}$ )
- Net Cooling Capacity 65,000 Watts (222,000 BTU/hr) given a 4°C  $\Delta\text{T}$  between setpoint and facilities inlet temperatures
- Recirculating Fluid DI Water, 450 to 550 k-Ohms
- Polypropylene Reservoir 6 Gallons
- Recirculating Flow/Pressure 10 Gpm at 60 Psi, with adjustable internal bypass circuit
- Recirculating Supply/Return Fittings 3/4" Stainless Steel FPT
- Facilities Water Flow Up to 16 Gpm, 30 Psi  $\Delta\text{P}$
- Facilities Water Supply/Return Fittings 1" Stainless Steel FPT
- Electrical Service 208/230 VAC, 60 Hz, 3 Phase, 15 amp service
- Physical Parameters 36" H x 23" W x 36" D, 190 pounds dry weight



## Features

- Pump 1 Hp 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 that utilizes fully proportional cooling
- Interfacing RS-232 for Remote Control and monitoring
- Displays Setpoint and actual temperatures, flowrates, resistivity, diagnostics
- Safety Standards National Electrical Code NFPA-70, Electrical Standard for Industrial Machinery NFPA-79
- Warranty 12 Months, Parts and Labor

