1HE14W Recirculating Heat Exchanger

Specifications:

- **Net Cooling Capacity**: 13,640 BTU/hr (4,000 watts)
  (given a 10°C minimum ΔT between setpoint facilities inlet temps)
- **Heating Capacity**: 3,000 Watts @ 208 VAC
- **Fluid Adjust Range, Stability**: +25°C to +90°C, ± 1.0°C
- **Recirculating Flow/Pressure**: 35 Gpm @ 30 Psi, with adjustable internal bypass circuit
- **Stainless Steel Reservoir**: 15 Gallons
- **Recirculating Fluid**: 50/50 Water/Ethylene Glycol
- **Recirculating Supply/Return Fittings**: 1 1/2" Stainless Steel FNPT
- **Facilities Water Supply/Return Fittings**: 3/4" Stainless Steel FPT
- **Facilities Requirements**: 2.5 Gpm @ 13°C inlet, 20°C outlet at full load
- **Electrical Service**: 208/240 VAC, three phase, 40 amp service, 60 Hz
- **Physical Parameters**: 56" H x 24.5" W x 26" D

Features:

- **Pump**: 3 Hp Stainless Steel Centrifugal
- **Internal Construction**: Stainless steel plumbing with output check valve and return solenoid valve to prevent backflow
- **Safety Interlocks**: Reservoir empty, low level, over-full and over-temp 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**: Remote Start/Stop, Alarm Contacts, 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