1HT10P Air Cooled Recirculating Heat Exchanger

Specifications

- Fluid Setpoint Range: +25°C to +130°C
- Temperature Stability: ± 1.0°C or better
- Net Cooling Capacity: 3,000 Watts (10,245 BTU/hr) given a fluid temperature of +70°C and an ambient air temperature of +25°C
- Net Heating Capacity: 3,000 Watts at 240 VAC
- Recirculating Flow/Pressure: 10 Gpm @ 20 Psi, with internal bypass
- Stainless Steel Reservoir: 7 Gallon Pressure Tank, with 25 Psi pressure relief, 5 gallon operating volume
- Recirculating Fluid: 50% Water / 50% Ethylene Glycol
- Recirculating Supply/Return Fittings: 3/4" Stainless Steel FPT
- Electrical Service: 208/240 VAC, single phase, 60 Hz, 30 amp service
- Physical Parameters: 52" H x 24" W x 30" D
- Warranty: 12 Months, Parts and Labor

Features

Pump: 1/2 Hp Stainless Steel, Centrifugal
Flowmeter: Turbine, installed in return line, with rear panel-mounted flow adjustment valve in output line
Safety Interlocks: Reservoir empty, low level and over-pressure switches, front panel EMO switch and low flow switch to deactivate in-line heater only
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 heating
Interfacing: RS-232 for Remote Control and monitoring
Displays: Setpoint and actual temperatures, flowrate, diagnostics
Pressure Indicators: Output and reservoir pressure gauges, rear panel-mounted