

1HE70W Liquid-to-Liquid Heat Exchanger

Specifications

- Fluid Setpoint Range +10°C to +30°C (50°F to 86°F)
- Temperature Stability ± 2.0°C (± 3.6°F)
- Cooling Capacity at 5°C ΔT 20,000 Watts (68,200 BTU/hr)
ΔT = Recirculating Output Temperature
- Facilities Water Supply Temperature
- Recirculating Flow/Pressure 25 Gpm at 120 Psi,
130 Psi Maximum Output
- Recirculating Fluid PAO (Royco 602)
- Stainless Steel Reservoir 18 Gallons
- Recirculating Supply/
Return Fittings 2" Stainless Steel FPT
- Facilities Cooling Water
Requirements Up to 10 Gpm at 70°F inlet,
20 Psi ΔP (supply-to-drain),
100 Psi Maximum Inlet
- Facilities Supply/
Return Fittings 1" Stainless Steel FPT
- Electrical Service 208/230 VAC, 60 Hz, 3 phase,
30 amp service
- Physical Parameters 48" H x 36" W x 45" D
600 pounds dry weight
- Warranty 12 Months, Parts and Labor

Features

- Recirculating Pump 1 Hp multi-stage centrifugal pump
- Heat Exchanger A brazed plate heat exchanger is used,
a proportional flow valve automatically
adjusts facilities water usage to maintain
a stable recirculating output temperature
- Safety Interlocks Reservoir empty and low level switches,
recirculating over-pressure switch, front
panel mounted Emergency Off switch
- Displays Setpoint and actual temperatures, flow
rates and diagnostics



Similar Model Shown

- Controller PID type controller that utilizes
fully proportional cooling
- Construction Welded steel frame with
aluminum panels. Frame and
panels are powder coated for
durability. Locking casters
and adjustable leveling pads.
- Interfacing RS-232 for Remote Control
and Monitoring
- Safety Standards National Electrical Code NFPA
NFPA-70, Electrical Standard
for Industrial Machinery
NFPA-79

