



# Heat Exchanger Installation Information



### Description:

Heat Exchanger cooling fluid - dielectric oil

#### Performance:

Maximum Heat Exchanger Dissipation 2.5 kW @ sea level (Fan at 100% PWM)

## Weight:

12.2 kg (26.9 lbs)

#### **Electrical:**

Power: 48 VDC +10% /-14% Current: 4.2 Amps Max

#### Fail Safe Device:

Pressure Switch Closes at 5 psi ±1 rising Opens at 4 psi ±1 falling Pressure Relief Valve - Opens at 30 psi ±5%

**Ambient Air Temperature Limits for Operation:** 5° to 40°C Max HE Housing Temperature: 80°C

## Connecting Oil Lines With Quick Disconnect Fittings: To prevent air in housing from oil line quick disconnect fittings observe the following procedures.

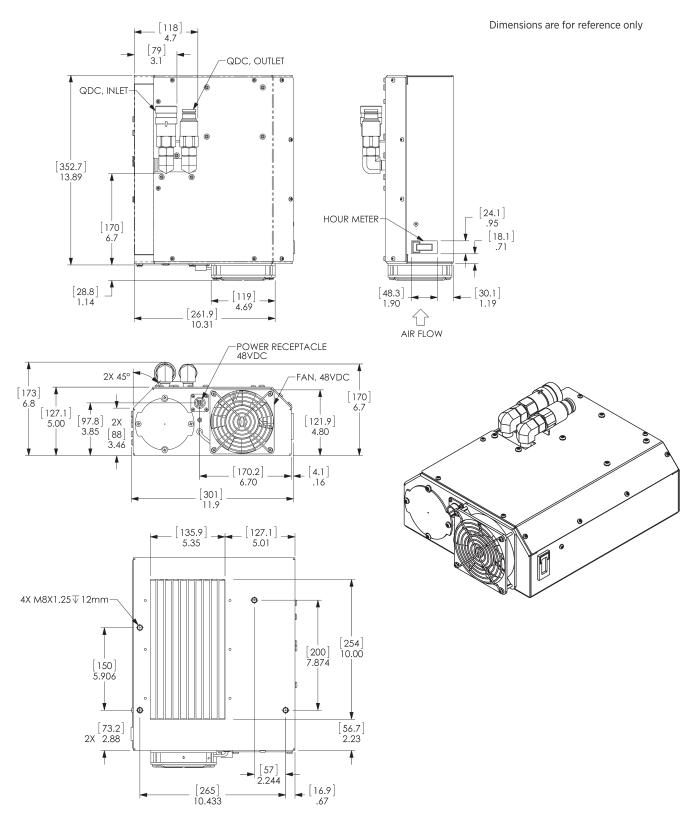
- A. Do not put side pressure on fittings from tie wrapping to cable bundles or coiling in tight circles.
- B. Do not run heat exchanger with fittings disconnected.



HE-293"*i*"

# Heat Exchanger





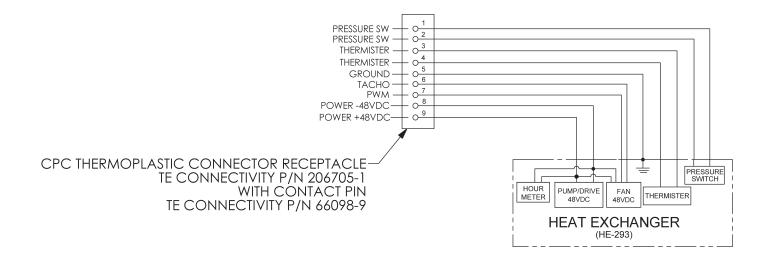
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Heat Exchanger

# Wiring Diagram

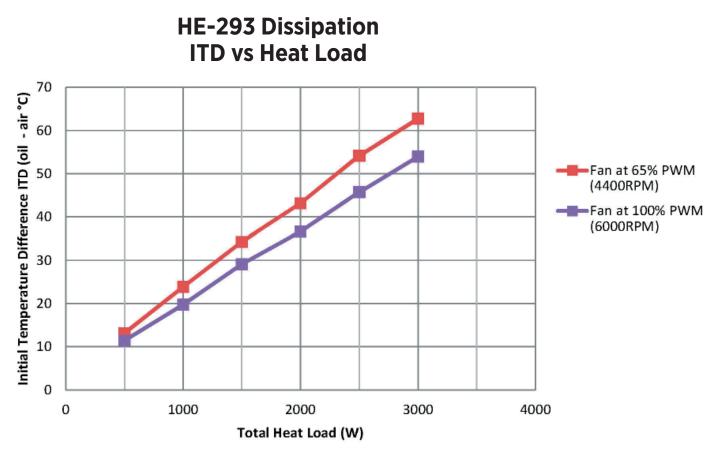


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Data taken at 1250M



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