



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%

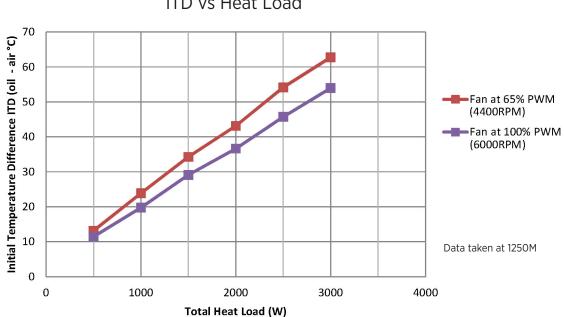
#### **Ambient Air Temperature Limits for Operation:**

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 Dissipation ITD vs Heat Load

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HE-293"*i*"

## Heat Exchanger

# **Outline Drawing**

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Û AIR FLOW

[48.3] 1.90

[24.1] .95

[30.1] 1.19

PRESSURE SW

PRESSURE SW THERMISTER

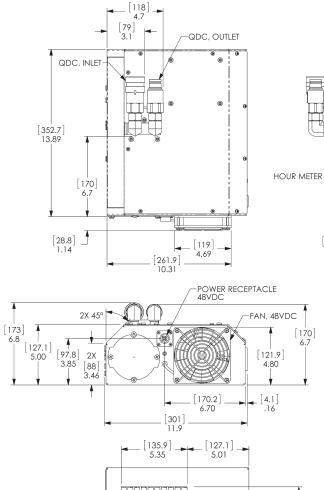
THERMISTER

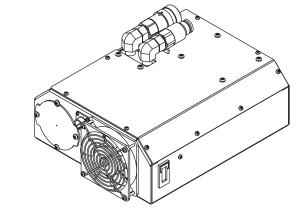
GROUND

0

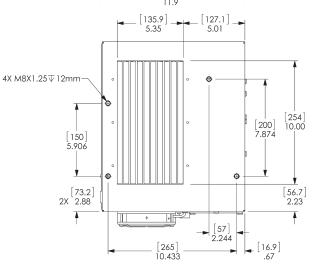
[18.1]

Dimensions are for reference only

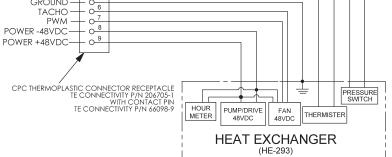








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