



## Heat Exchanger (Oil to Water) Installation Information



### **DESCRIPTION:**

Heat Exchanger (oil to water). For use with B130H, B150H, B160H and B180H housings.

**Note:** HE 200/201 requires the use of an HE 401 (water to air) cooler.

### **PERFORMANCE:**

2.5 kW with the following conditions:

1) 1 GPM Water Flow using the HE 401 (water to air) cooler.

### OIL HOSES:

24.33 feet maximum (7.4 meters). 1/2 inch I.D. hose diameter.

### WATER HOSES (Between HE 200/201 and HE401:

Catalog # IK120 100 feet (30 meters) IK121 133 feet (40 meters)

**Note:** The Quick Disconnects on each end of water hoses are not the same. Notice which connectors are for HE 401 and HE 200/201 before installing. HE 200/201 is not sensitive to water flow direction.

#### **POWER REQUIREMENTS:**

HE 200 100 - 120 VAC 50/60 Hz 1.8 Amps HE 201 200 - 230 VAC 50/60 Hz 1.5 Amps

#### DIMENSIONS:

Width 9.625 inches (244 mm), Length 9.625 inches (244 mm), Height 4.00 inches (101 mm)

#### WEIGHT:

18.5 Pounds (8.4 kg)

**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.

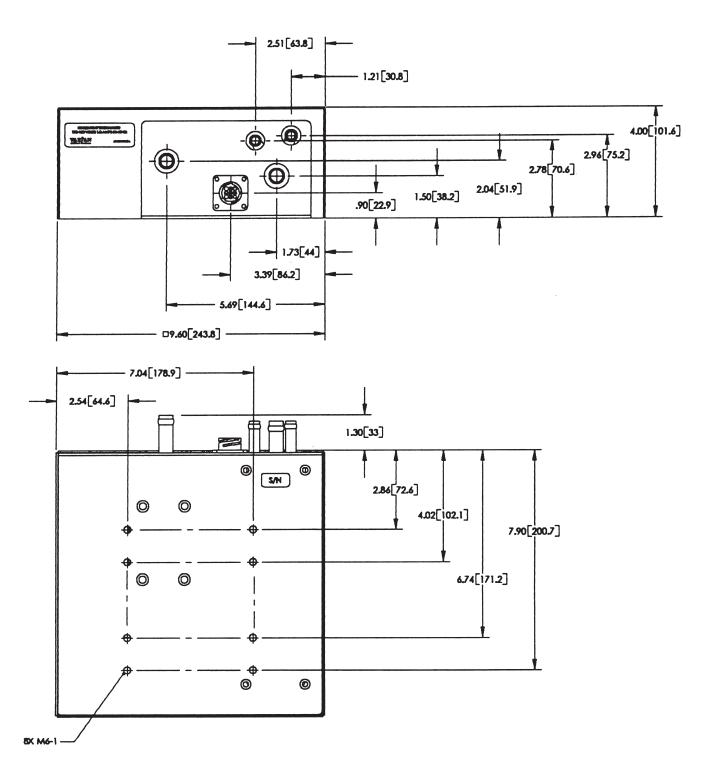




Heat Exchanger

# **Outline Drawing**

Dimensions are for reference only



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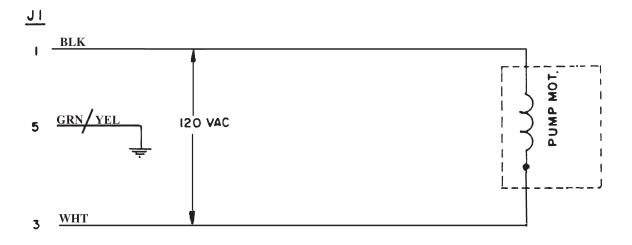




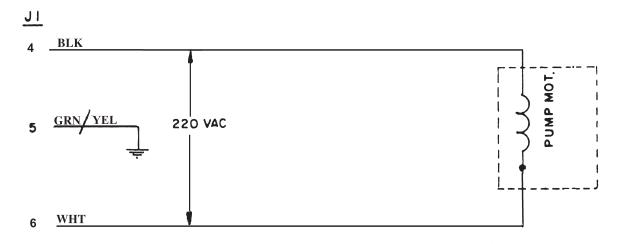
Heat Exchanger

# Wiring Diagram

**HE-200** 120 VAC 50/60 Hz



**HE-201** 220 VAC 50/60 Hz





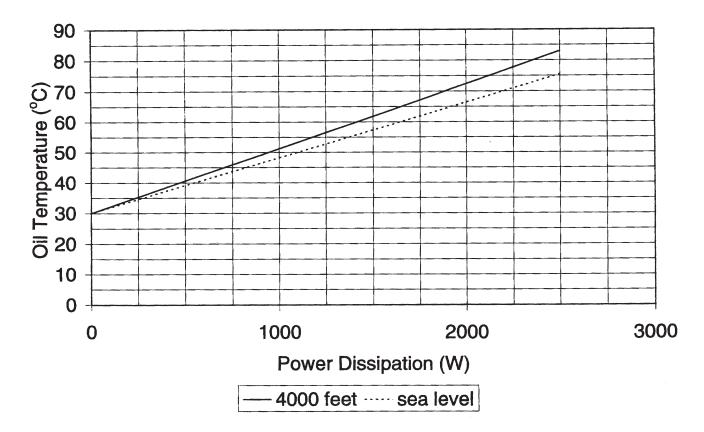


Heat Exchanger

# **Cooling Characteristics**

# **HE-200 Cooling Rate**

Combined w/HE-401, 30m 3/8in. ID hose, 60 Hz





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