Component Testing & Repair

High Limit Thermostats

Location & Function

High-Limit ThermostatsPageLocation & FunctionB-31TestingB-32ReplacementB-33Exploded View / Part NumbersE-12

During all modes...

Line voltage continually flows thru the normally closed contacts of the two high-limit thermostats. This circuit powers all of the line voltage components, except for the Fan System.

If the temperature at either of the thermostats exceeds $450^{\circ}F$ ($\pm25^{\circ}$) / $232^{\circ}C$ ($\pm14^{\circ}$), the thermostat contacts open. This interrupts power, and terminates the cycle. [An error code will appear on the display].

The thermostat contacts reset to the closed position at approximately 325°F / 163°C.



Models: Serial Numbers:

ALL

High-Limit Thermostats

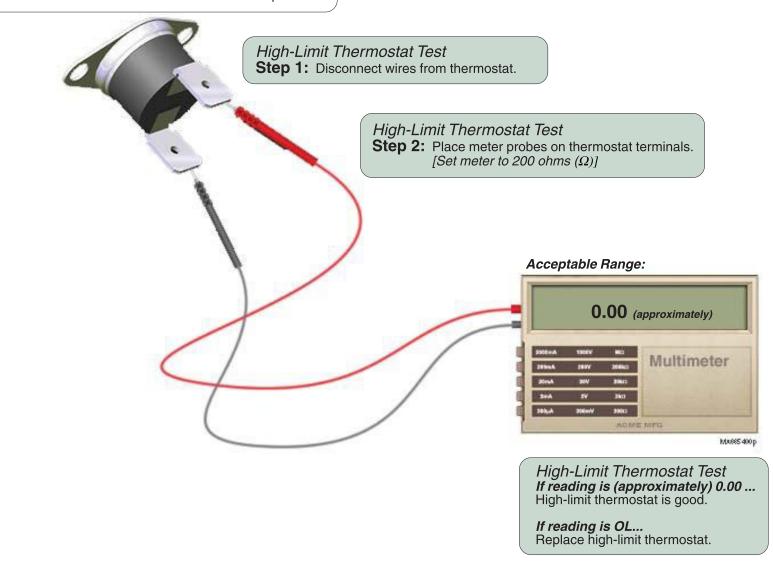
Component Testing & Repair

High Limit Thermostats

Testing



High-limit thermostats must be tested at room temperature.



High-Limit Thermostats

Models: Serial Numbers:

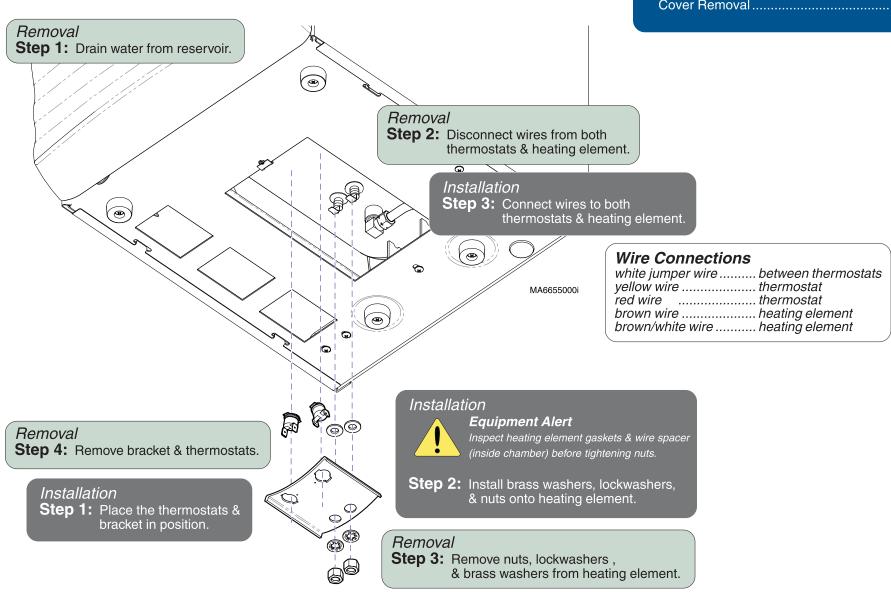
ALL

Component Testing & Repair

High Limit Thermostats

Replacement

Refer to:PageDraining the ReservoirC-4Cover RemovalC-2



Models: Serial Numbers:

ALL

High-Limit Thermostats