



THIS UNIT SHOULD NOT BE OPERATED IF ROD TEMPERATURE EXCEEDS 300°F. IF SMOKE OR FUMES ARE DETECTED, DISCONTINUE USE

HOT ROD CIRCUIT BOARD TEST

A standard 115 volt neon circuit tester can be used for these tests.

CHECKING FUSES

Remove the fuse from their housing units located on the front of the electrical box. If a visual inspection does not verify a blown fuse check for continuity by using the meter to read across the two terminals of the fuse.

If the meter reading does not show continuity, replace the fuse.

CHECKING THE HOT ROD

With the power turned OFF, remove the red hot rod wires from Terminals 1 and 2. Using the meter, measure the resistance of the rod by connecting the leads of the meter to the red wires.

The meter should read between 130-136 ohms. If the reading is out of this range, replace the hot rod.

With the power turned OFF, remove the black hot rod wires from Terminals 5 and 6. Using the meter, measure the resistance of the thermistor by connecting the leads of the meter to the black wires.

The meter should read between 250,000-350,000 ohms with the rod at room temperature. If the reading is out of this range, replace the hot rod.

CHECKING THE CIRCUIT BOARD

After the hot rod and both the fuses have passed the above testing procedures, the circuit board can be tested.

With all the wires shown in the example circuit board (above) properly connected and the power ON, use the meter to test the voltage across Terminals 1 and 2. If there is no voltage being read, the board needs to be replaced.