

INFINITE CONTROLS

CAUTION: THIS DEVICE SHOULD BE INSTALLED AND TESTED BY A QUALIFIED SERVICE TECHNICIAN WITH DUE REGARD FOR SAFETY AND CODE REQUIREMENTS. HIGH ELECTRICAL VOLTAGES MAY BE PRESENT DURING TESTING AND CARE SHOULD BE EXERCISED.

CONTINUITY TESTS

Turn off electrical power and disconnect all wires from the infinite control.

Set the switch in the "Hi" position. With a proper test meter set for the Ohms scale (RX1) there should be continuity between terminals L1 and H1 (Figure 1), L2 and H2 (Figure 2), and between P (pilot circuit) and H1 (Figure 3).

The control is defective if there is no continuity present in any one of the checks.

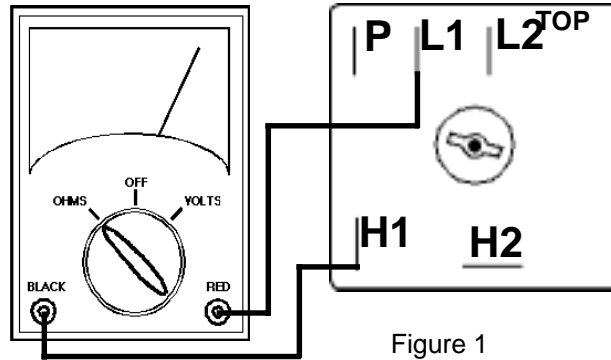


Figure 1

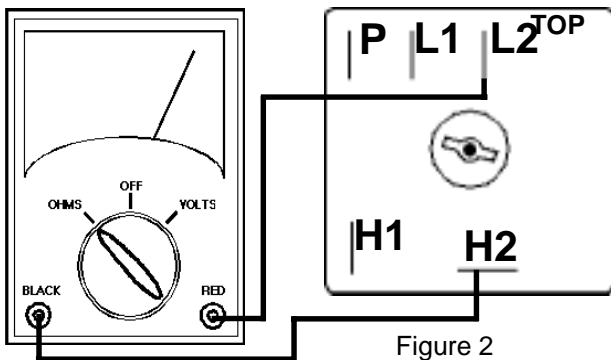


Figure 2

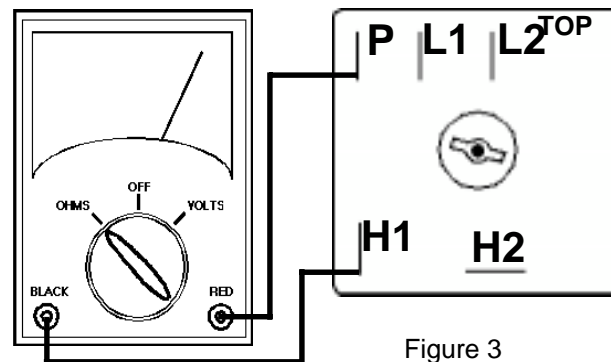


Figure 3

ELECTRICAL TESTS

With power to the appliance and the infinite control in the "Off" position (wires connected), set the test meter to a voltage scale (approximately 240 volts or higher) and place the leads on terminals L1 and L2. If the switch is a 240 volt model approximately 240V should be read. (Figure 4). If no power is observed, check the appliance wiring and retest.

With power to the appliance and the infinite control turned to the "Hi" position, place the voltmeter leads on terminals H1 and H2. Approximately 240V should be read. If 240V is not present, then replace the infinite control. (Figure 5).

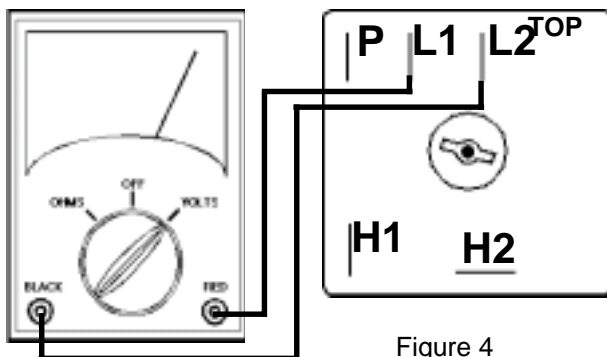


Figure 4

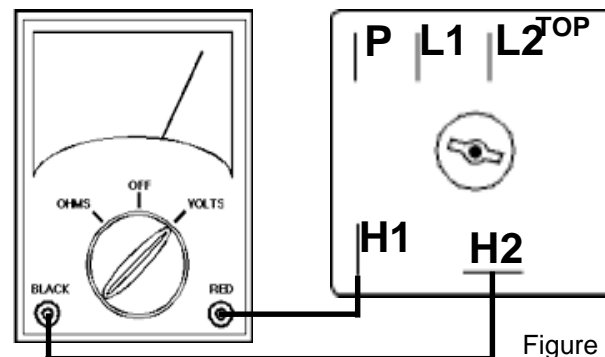


Figure 5