Chapter 3

THERMOSTATICALLY PROTECTED HOTCUP, G.E.C., TYPE H.O. 3386

LEADING PARTICULARS

Hotcup, G.E.C., Type H.O.3386	**Ref. No. 5V/250**
Voltage	115 *volt*
Rating	500 *watt*
Weight	2 *lb.* 8 *oz.*
Capacity	1½ *pint*

1. This hotcup is essentially similar to the 28 volt hotcup, G.E.C., Type H.O.3384, details of which are given in Sect. 10, Chap. 2. The 115 volt version may be identified by the red handle and knob, and by the Cannon plug which is fitted in the inverted position with the locating spigot at the bottom. The inner container has a 115 volt heating element ◀ in series with a thermostat, which are connected to the two large pins of the Cannon plug by unitersil 6 cable. A circuit diagram is given in fig. 1. ▶ In all other respects this item is identical to the Type H.O.3384 hotcup and reference should be made to Sect. 10, Chap. 2.

Testing

Continuity test

2. The continuity of the element measured across the pins of the connector should be approximately 26·3 ohms. The thermostat is normally closed and should be checked for continuity.

◀ Insulation resistance test

3. The insulation resistance may be measured between the pins of the connector and the hotcup, using a standard 500 volt insulation resistance tester. The reading obtained should be not less than 5 megohms. ▶

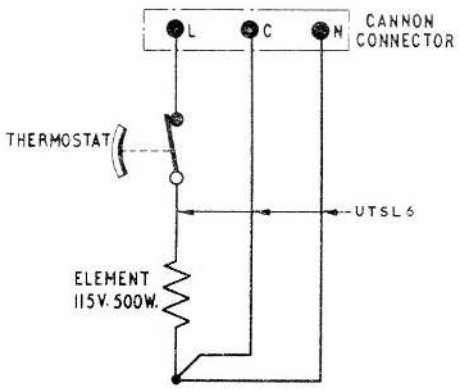

Fig. 1. Circuit diagram

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