

**T/D 038**

## **CORREX POWERED ANODE CSC RANGE WATER HEATERS NAT GAS AND LPG**

### **FITTING AND OPERATING INSTRUCTIONS FOR CSC RANGE**

THE INTRODUCTION OF THIS KIT HAS THREE MAIN ADVANTAGES TO BE CONSIDERED.

- LOW MAINTENANCE COSTS (Correx is non-sacrificial, therefore no anode maintenance is needed).
- LOW RUNNING COSTS – LESS THAN 35kWH PER YEAR.
- BETTER PROTECTION PARTICULARLY IN AREAS OF LOW ELECTRICAL CONDUCTIVITY.

Wiring external to the water heater must be installed in accordance with the I.E.E. Regulations for the wiring of buildings and to any local regulations that may apply.

This kit is designed to run off 220/240V 1 ph 50 Hz permanent supply and the fuse rating is 3 Amp.

The method of connection to the mains electricity supply should facilitate complete electrical isolation of the appliance preferably by use of an unswitched shuttered socket outlet in conjunction with a fused three pin plug both complying with requirements of BS 1363/A.

Alternatively a fused double pole switch or fused spur box serving only the heater may be used.

The point of connection to the mains should be readily accessible and adjacent to the appliance.

#### **A. To install the kit**

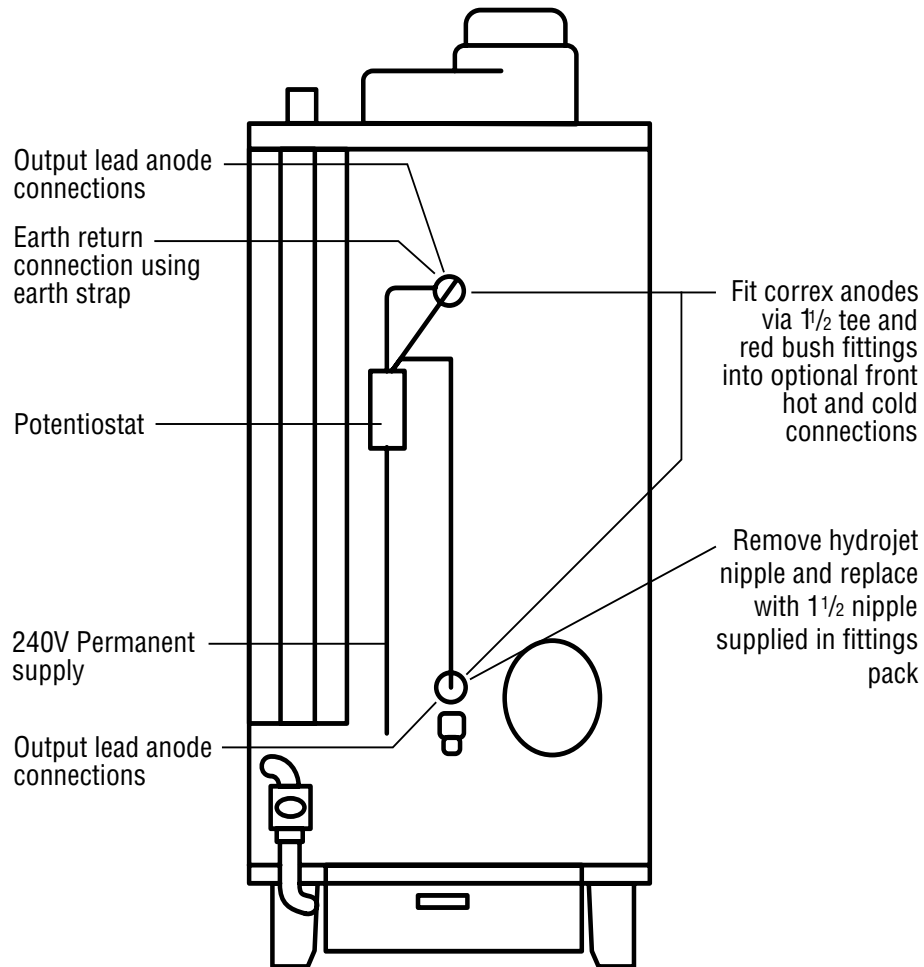
- Drain down water heater.
- Remove cold inlet hydrojet nipple and replace with 1½ nipple supplied in fittings pack.
- Fit correx anodes into front optional hot connection and cold connection, using tees and bushes supplied. If the top hot water outlet connection is used as recommended, blank off front connection using blanking cap (see Figs 1 and 2).  
Note: Leave existing magnesium anodes in position.
- Fix potentiostat to heater casing, using retaining bracket (see Fig. 1).
- Connect output leads onto anode connections. Cut leads to required length and use two spade connectors provided (see Fig. 1).
- Fit earth strap to 1½ BSP sq. tee optional hot outlet connection. Connect earth return at this point. Cut lead to required length and use spade terminal provided (see Fig. 1).
- Connect potentiostat mains input cable to a permanent 240V electrical supply via an unswitched spur outlet (fuse rating 3 Amp).

#### **B. Test the installation**

- Refill the water heater and check for leaks.
- Switch on electrical supply to correx powered anode.
- The green control lamp on the potentiostat indicates that the installation is functioning correctly.
- The red control lamp on the potentiostat indicates a fault. Switch off electrical supply before any repair work is carried out.

The installation is now complete.

**FIG. 1**



MODEL	No. CORREX ANODES/SIZE
CSC 39	2 x 800 mm
CSC 59	2 x 800 mm
CSC 78	2 x 800 mm
CSC 93	2 x 800 mm

**Powered anode fittings pack – Part No. B184**

- 2 – Correx powered anodes E048.
- 1 – Potentiostat E010
- 1 – Potentiostat Bracket C964
- 2 – 1 1/2 BSP Sq. Tees C856
- 2 – 1 1/2 x 3/4 BSP Red. Bushes C857
- 1 – 1 1/2 Nipple C534
- 1 – Earth Strap E049
- 1 – Envelope containing spade and ring terminals fixing clamps/clips

