

# B184 CORREX POWERED ANODE KIT

## Fitting Instructions

### Hiflo Range Water Heaters



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

1. Low Maintenance Costs (Correx is non-sacrificial, therefore no anode maintenance is needed).
2. Low Running Costs (Less than 35kWH per year).
3. Increased protection (particularly in areas of low electrical conductivity).

Mains electrical supply wiring to the water heater must be installed in accordance with the current Building Regulations in force and BS7671 - Requirements for Electrical Installations.

This kit is designed to use a 220/240V 1ph 50Hz permanent supply. The fuse rating is 3 Amp.

The method of connection to the mains electrical supply should facilitate complete electrical isolation of the Correx kit and the appliance. The point of connection to the mains should be readily accessible and adjacent to the appliance.

#### Step 1 To install the Correx kit (refer to Fig 1 diagram)

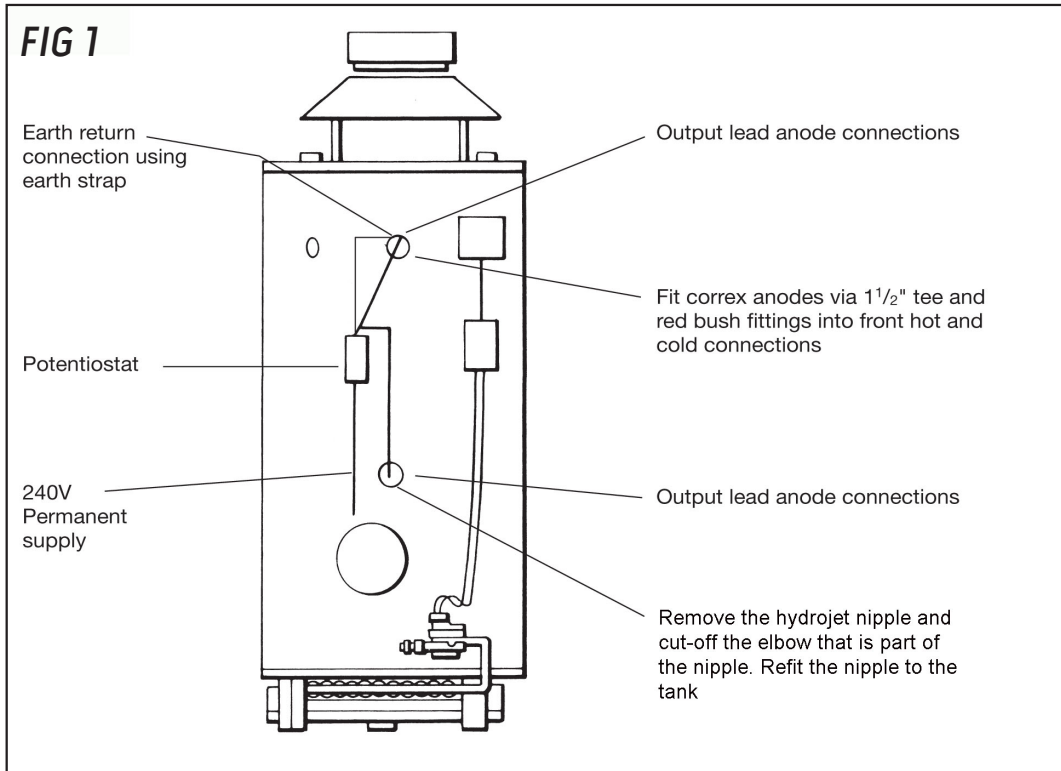
1. Drain down the water heater.
2. Remove the cold inlet hydrojet nipple and cut-off the elbow that is part of the nipple. Refit the nipple to the tank. This allows the correx anode to pass through the nipple into the tank.
3. Use the stainless steel tees and bushes provided to fit the correx anodes into the hot and cold water connections. If the top water connections are to be used (dependent on model type) cap off the front connections with blanking caps. Note – leave the existing magnesium anodes in position.
4. Fix the potentiostat to the heater casing using the retaining bracket provided.
5. Connect the potentiostat output leads onto the anode connections. Achieve this by cutting the leads to the desired length and using two crimp type female connectors provided.
6. Fit the earth strap to the 1½" BSP Tee at the hot water outlet connection. Connect the earth return at this point by cutting the lead to the desired length and using the crimp type spade connector provided.
7. Connect the potentiostat mains cable to a permanent 220/240V 1ph 50Hz electrical supply via an unswitched spur outlet (fuse rating 3A).

#### Step 2 Test the installation

1. Refill the water heater and check for leaks.
2. Switch on the electrical supply to the potentiostat.
3. The green lamp on the potentiostat indicates that the installation is functioning correctly.
4. The red lamp on the potentiostat indicates a fault. Switch off the electrical supply before any work is carried out.

*The installation is now complete.*

**FIG 1**



B184 – Anode Fitting Pack Contents	
Qty	Part
2	E048 – Correx Powered Anodes
1	E010 – Potentiostat
2	C856 – 1½”BSP Equal Tee
2	C857 – 1½”x¾” Reducing Bush
1	E049 – Earth Strap
1	Pack of accessories

Model	Qty & Size of Correx Anodes
32/143	2x 800mm
65/173	2x 800mm
81/264	2x 800mm
62/341	2x 800mm
54/418	2x 800mm
54/440	2x 800mm
L32/143	2x 800mm
L65/169	2x 800mm
L81/251	2x 800mm
L62/309	2x 800mm
L54/399	2x 800mm
CSC 39	2x 800mm
CSC 59	2x 800mm
CSC 78	2x 800mm
CSC 93	2x 800mm

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