CORREX POWERED ANODE
FAN-FLUED WATER HEATERS

FITTING AND OPERATING INSTRUCTIONS FOR RFF 190 AND RFF 280

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

a. LOW MAINTENANCE COSTS (Correx is non-sacrificial, therefore no anode maintenance is needed).
b. LOW RUNNING COSTS – LESS THAN 35kWH PER YEAR.
c. 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

1. Drain down water heater.

2. Remove existing hot outlet nipple/anode.

3. Fit replacement correx anode using nipple and tee (fittings provided) see Fig. 1.

4. Fit potentiostat to heater casing, using retaining bracket, adjacent to correx anode.

5. Connect output lead (spade connector) onto anode connection.

6. Remove one heater top cover, retaining self tapping screw, and connect ring terminal at this point (earth return).

7. Connect potentiostat mains input cable to a permanent 240V electrical supply via an unswitched spur outlet (fuse rating 3 Amps).

B. Test the installation

1. Refill the water heater and check for leaks.

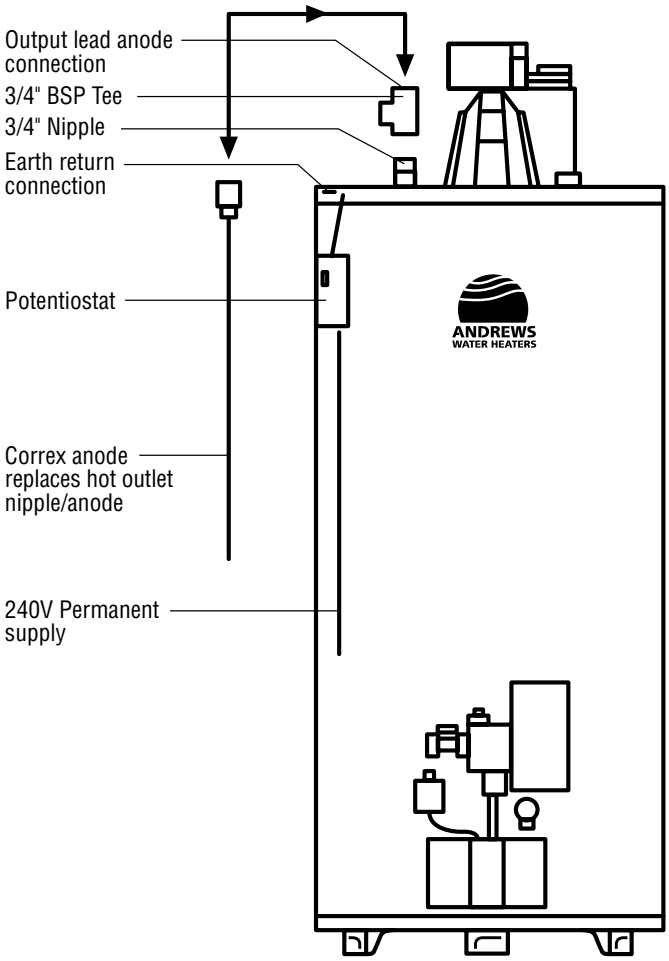
2. Switch on electrical supply to correx powered anode.

3. The green control lamp on the potentiostat indicates that the installation is functioning correctly.

4. 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	HOT OUTLET NIPPLE/ANODE	No. CORREX ANODES/SIZE
RFF 190	1	1 X 800mm

Powered anode fitting pack – Part No. B196

1 – Correx powered anode.

1 – Potentiostat.

1 – Envelope containing fixing clamps/clips.

To include the following

1 – $^{3}/_{4}$″ BSP brass square tee (C883)

1 – $^{3}/_{4}$″ Galvanised Plasti-Cert lined nipple (C247)

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Since it is our policy to strive for progressive design and performance all our equipment is subject to