

ANDREWS WATER HEATERS
TECHNICAL DATA SHEET



T/D 013

CORREX POWERED ANODE Direct Storage Tanks

FITTING AND OPERATING INSTRUCTIONS Models ST 66, ST 100, ST 166

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 storage tank 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 storage tank 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 storage water tank.
2. Remove one existing sacrificial anode only. (See Fig. 2.)
3. Fit replacement correx anode. (See Figs 1 and 2.)
4. Fix potentiostat to tank casing, using retaining bracket, adjacent to correx anode. (See Fig. 1.)
5. Connect output lead (spade connector) on to anode connection. (See Fig. 1.)
6. Remove one tank top cover retaining self tapping screw and connect ring terminal at this point (earth return) (See Fig. 1.)
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 storage tank.
2. Switch on electrical supply to correx powdered 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.

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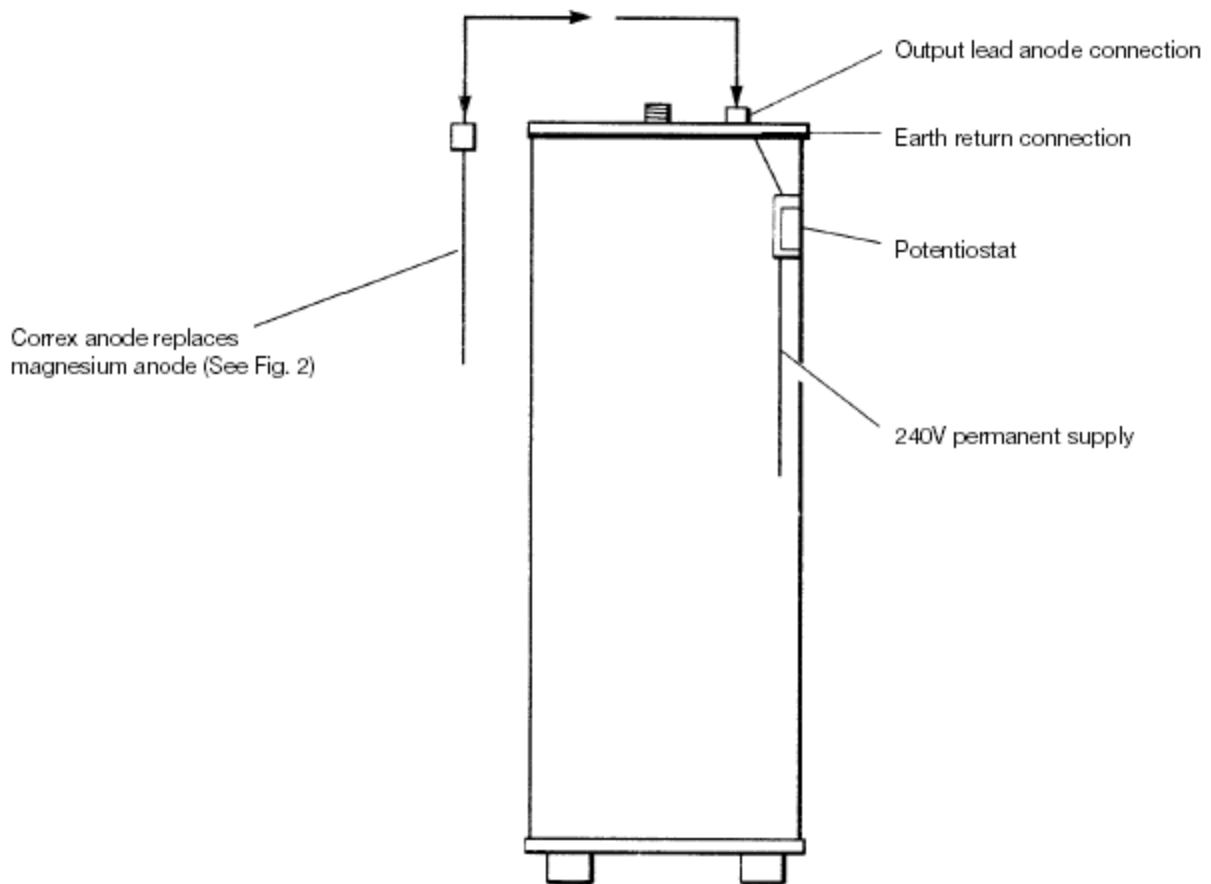


Fig. 1

MODEL	No. STANDARD ANODES FITTED	No. CORREX ANODES / SIZE
ST. 66	2	1 × 800mm
ST. 100	2	1 × 800mm
ST. 166	2	1 × 800mm

Fig. 2

POWERED ANODE FITTING PACK — Part No. C835

1 — C Correx Powered Anode

1 — C Potentiostat

1 — C Envelope containing fixing clamps/clips



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All electrical work carried out must be in accordance with IEE regulations.

Since it is our policy to strive for progressive design and performance all our equipment is subject to alteration without notice.

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