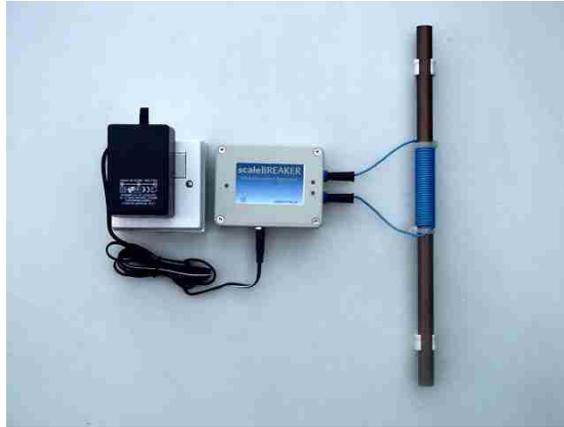


## Installation Instructions for the Scalebreaker Domestic Unit Types SB02 & SB02PLUS



The unit is supplied with a moulded power supply within a mains power supply plug attached to approximately 2 metres of cable, together with an aerial wire with a jack plug at each end. Two or more pieces of double-sided tape are already attached to the rear of the unit for final fitment purposes. This unit is suitable for a rising main of up to 13mm inside diameter (1/2") or 25mm (1") for the PLUS unit.

Correct positioning of the unit is essential. There are basically 3 different areas within the house in which the unit can be fitted. These are listed below with the most effective site listed first.

Site A: Your Scalebreaker is designed to treat the whole house, and it does this when fitted on the rising cold water main after the stopcock but inside the house.

Site B: If this is inconvenient your Scalebreaker may be installed anywhere on the cold water feed to the main cold water tank. The signal will still be propagated to the entire system, although the nearer it is to the rising main the better.

Site C: If only the hot water system is to be treated, then, the best location for your Scalebreaker unit is on the cold water feed to the hot tank – usually in the airing cupboard.

Ensure that there is a 230 Volt mains socket within reach of the power supply mains plug.

Coil the aerial wire around the pipe with between twenty and thirty turns (the more the better), in a tight coil and fix a cable tie at each end to secure the coil. (Hint: In order to assist keeping the coil tight it does help to temporarily fix the first turn with a piece of sellotape to the pipe prior to winding the remaining turns and finally fixing with the cable ties.)

Insert both the aerial wire jack plugs into the two sockets within the unit and insert the mains plug into the 230 Volt mains socket.

Switch the unit on and the green power light should now be on together with one of the two orange lights. The orange lights will now flash with varying speeds which indicates that the unit is operating correctly. Should the orange lamps not flash when the unit is on then switch the unit off for approximately 2-3 minutes and switch on again. If they are still not flashing then contact your local supplier.

When you are happy with the position of the unit and the coiling of the wire, peel off the protective covering on the double sided tape and adhere the unit onto the wall of other suitable surface.

After 4-6 weeks a noticeable effect should be recognised with reduced scaling in shower heads, kettles etc., although the length of time for this to occur will vary depending upon the initial amount of scaling which is present within the system.

Should you have any queries concerning installation, or are in any way dissatisfied with the system then please contact your local supplier who will be able to assist you.

### **IMPORTANT INFORMATION**

- 1) The Scalebreaker range of products are designed and manufactured to IEC 60335-1 and are each defined as a Class II product.
- 2) If the mains lead is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard
- 3) Power must first be switched off when working on or installing or removing any parts of the unit