



# AQUACAL 10 Fitting Instructions

## Choose A Fitting Location

Choose a fitting location as close as possible to where the rising cold water main enters the property, preferably before any junctions.

The system is suitable for all types of water piping, including plastic, lead, copper and steel up to (3 inch) diameter. A layer of paint around the pipe will not effect the Systems efficiency, but remove any lagging from the area which the coils are to be fitted. A nearby 13A electrical socket will be required for the mains adaptor. Finally, make sure that the fitting location is always dry and not subject to high temperatures or humid conditions (i.e. not near to cookers, boilers, heaters etc)

The system contains no moving parts and so can be mounted at any angle, and the coil leads may be routed around corners or through partitions, if necessary.

## Fitting

- (1) Fit the double-sided self-adhesive strips to the rear of the SYSTEM unit and carefully position it close to the water pipe, allow room for the coil and power plugs. Press the unit firmly against the wall for a few moments so that the adhesive strips take hold. The unit is also supplied with a screw mounting option if fitting to walls with rough surfaces, brick etc. (screws not provided)
- (2) Take one of the coil cables and insert the black plug into the first black socket on the SYSTEM unit. Firmly attach the cable to the pipe using a cable tie and then wind the cable tightly around the pipe for a total of 14 turns, keeping the turns close together. Using a cable tie. Secure the free end of the coil to the pipe and insert the red plug into the next red socket on the SYSTEM unit.
- (3) Move along the pipe distance, approximately equal to the lengths of the first coil and start to wind a second coil using the second cable as in (2). Ensure that the second coils windings run in the same direction (either clockwise or anti-clockwise) as you used on the first coil. Firmly secure the second coil using the cable ties and insert the red and black plugs into the other set of red and black sockets on the SYSTEM unit.
- (4) Take the mains adaptor plug the adaptor jack and plug into the SYSTEM unit and then plug the adaptor into 13A mains wall socket. Your SYSTEM should now be working.
- (5) Ensure that the green POWER LED is glowing .The Blue 'oscillator' LED in the centre should be running in sequence from the centre outwards and back again. Each time a Blue LED Glows the SYSTEM microcomputer is selecting a new unique, inductive energy frequency to transmit into your water system Every SYSTEM is programmed to automatically cycle through hundreds of such frequencies to ensure that all water types are dealt with.
- (6) System boost. Dependant upon the quality of your water the system is able to produce an additional power boost. While the system is on boost mode the blue LED will glow to indicate this. This LED will often glow on initial start up.
- (7) Coil connection. If the coil connection is broken an intermittent audible warning will sound and the LED above the coil symbol will glow. Should this occur check that the coils are securely connected to the system and that the cable is not damaged.

## Contents



X 1



X 2



X 4



X 4



X 1