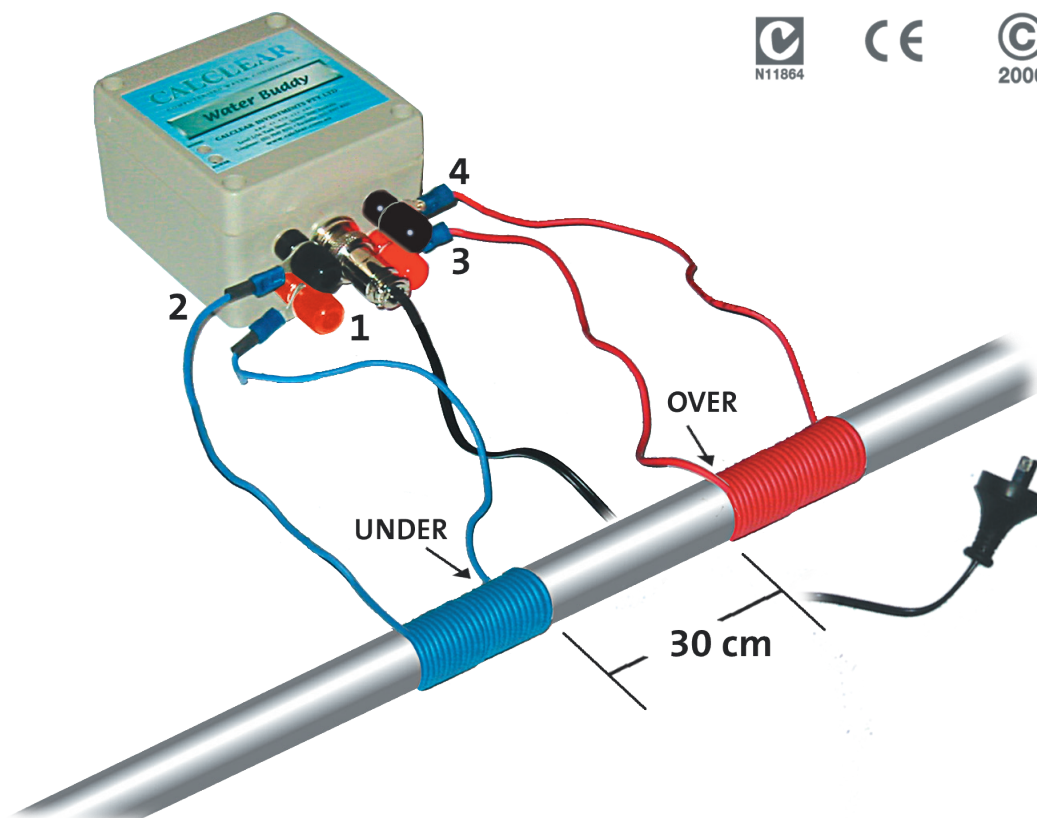


CALCLEAR WATER BUDDY Water Conditioner

Water Buddy Installation Instructions



WATER BUDDY Installation Instructions

Mount the CALCLEAR controller unit, with the fittings provided, in a position where it is protected from the weather, direct sunlight, moisture and extremes of temperature (recommended temperature range 0 - 40°C) with access to a standard surge-protected 3pin mains voltage power socket - and as close as practical to the water pipe to be treated (ie. within one metre) to allow for the maximum number of antennae windings.

Note: warranty is void without the installation of a suitable surge-protector.

Do not open the controller unit – there are no user serviceable parts inside this and opening or tampering with the unit will void warranty.

The antennae supplied will withstand temperatures of up to 130°C and may be fitted onto a straight or on a curved water pipe of any material up to 20mm in diameter. Approximately 60cms of exposed (ie. accessible) water pipe will be needed for the antennae windings. Keep antennae windings at least one metre away from electrical pump motors or other large electromagnetic fields which could interfere with the signals.

Each of the two antennae connects between the red and black binding terminals on each side of the controller unit. One antennae connects between the two terminals on the left hand side while the other antenna connects between the two terminals on the right hand side.

Each antenna MUST be connected to one RED and one BLACK terminal.

Antenna 1: Unscrew the left RED binding terminal (#1) and insert one metal antenna end half way into the exposed hole - do not push in the insulated plastic end. Screw the knob down onto the metal end of the antenna.

Starting the left hand antenna winding from the centre of the exposed pipe, wind antenna with the first turn UNDER the pipe and wind along the pipe towards the left making tight, touching turns around the water pipe. (See drawing) Use all the antennae leaving just enough length to return the end to the left BLACK terminal (#2). Secure winding on the pipe with electrical tape or cable ties as provided.

Antenna 2: Unscrew the right RED binding terminal (#3) and insert one metal antenna end half way into the exposed hole - do not push in the insulated plastic end. Screw the knob down onto the metal end of the antenna.

Leaving a gap of about 30cm in the middle of the pipe between the windings, start the right hand antenna winding from the centre of the exposed pipe, wind antenna with the first turn OVER the pipe and wind along the pipe towards the right making tight, touching turns around the water pipe. (See drawing) Use all the antennae leaving just enough length to return the end to the left BLACK terminal (#4). Secure winding on the pipe with electrical tape or cable ties as provided.

Note that at least 15 turns are needed on each winding.

The plug-in power pack can now be plugged into the power socket, the power pack lead plugged into the CALCLEAR controller (keeping this away from the antennae windings) and firmly screwed down and power switched on to complete installation.

When installed correctly, both Power and Signal lights will flash alternately.

For more information contact our technical department
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