



SOFT WATER BENEFITS ALL ROUND THE HOUSE WITH LITTLE PLUMBER ALL READY TO GO.

It has been reported by the U.S. government that consumers save a MINIMUM of 48% on their energy bills with the elimination of 3/8 of an inch of limescale build up. A family of four can save over £500+ a year with the removal of costly pipe clogging limescale.

WHAT WILL I NOTICE?

- 1) Removal of scale and stains in showers, baths and sinks.
- 2) Softer smoother skin from softer water
- 3) Better tasting water and less smelly water has been reported
- 4) Disappearance of dry skin, eczema and psoriasis have been reported
- 5) Increased hot water pressure and hotter water
- 6) Softer, silkier hair
- 7) Cleaner clothes after washing and less powder use

All this without chemicals or the removal of essential minerals in your drinking water.

ANY PROBLEMS?

Well, the Little Plumber does not work overnight. It can take up to six weeks for you to experience all the benefits listed above so please be patient. Sometimes there is a lot of scale to be gradually dispersed from your pipes, but once that's gone you will be enjoying all the benefits of softer water that still retains all the healthy minerals you need like calcium – good for Bones! Teeth! And good for growing kids.

GUARANTEES

12 MONTH MONEY BACK GUARANTEE

In line with most other manufacturers of physical field water conditioners we give a NO QUIBBLE 12-month money back guarantee. Just take the LP unit back to where you bought it with proof of purchase and you will be refunded in full. (NB If bought on a third party site then refunds will be made less site fees)

THREE YEAR FACTORY WARRANTY

All LP units are made in Britain to a very high standard but, as human beings are involved in the manufacturing process things can go wrong. So if your unit is not working properly return it for a replacement.

The Little Plumber range of water treatment products have been produced with one overriding aim:

“To provide the very best products at affordable prices”

The Little Plumber units fit into this ethos perfectly representing excellent value for money without compromise and offering a green alternative to water softening.



splendid products ltd

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Little Plumber Electronic Scale Treatment Installation instructions for LP1 and LP2 USB UNIVERSAL MODEL

(the UNIVERSAL model uses a USB which fits into any 1amp power adapter delivering 5v to the LP unit)

Please read these instructions carefully before attempting installation.

If you have any problems call - **+44 1235 862540** or e-mail us at info@littleplumber.com

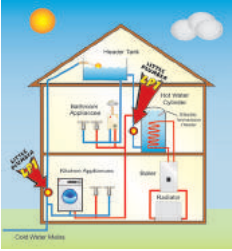
You should have received:

- 1 x Little Plumber Unit complete with aerial/ aerials and **USB** power plug
- 1 x 5v 1amp power adapter (country generic)
- 2 x Screws
- 2 x Wall plugs

Your new Little Plumber is manufactured to a very high standard at our UK factory and will provide you with years of excellent service if it is installed correctly. Please therefore take time to read these installation instructions carefully.

Firstly, you must determine whether your plumbing system is **vented** or **unvented** (see diagrams). **Vented** systems have a cold water storage tank in the loft and normally over the airing cupboard, (you may also have a smaller tank to top up the central heating system but this is entirely separate). **Unvented** systems have no header tanks and water is heated at mains pressure usually by a combination boiler.

VENTED SYSTEMS (with cold water storage tank)



LP will only treat water if there is no break in the stream. With a cold tank in the loft, the water fills up through a ball valve so there is a break in the stream and the current injected by the LP cannot jump this gap. This means the water in the tank becomes untreated.

You will therefore either need to fit 2 x LP1's, one anywhere on your cold mains and one on the cold down service to your

hot water cylinder. This is very important as if you don't treat the water in the cold down pipe to the hot water cylinder then it will continue to fur up and the immersion element will become so covered in limescale it will break down.

If you have a larger house say 5+ bedrooms then you will need to fit 1x LP2 on the mains and 1 x LP1 on the cold down service.

Treating your Vented System with an LP2

The LP2 unit has two aerials and can be fitted in the airing cupboard if the cold riser and cold down pipe run in parallel which they often do. (see diagram). You can usually find a power source in the airing cupboard for the immersion heater but if not you will have to get an electrician to wire the unit into a fused spur.

Alternatively you can install the unit in the loft/attic where the mains input pipe and the cold down pipe are easy to find running into and out of the loft tank. There is often a light socket in the attic and the power from this can be used as the current drawn by the LP is very small.

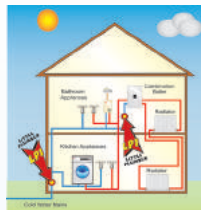
If you have more than one cold down pipe leaving the cold tank, this will be treated by wrapping the aerials around any of the cold down pipes as the effect travels back up the pipe and treats all the water in the tank.

The pipes can be made of any material including plastic, lead, copper galvanized steel, painted or unpainted.

UNVENTED SYSTEMS (with no cold water storage tank in loft)

It doesn't matter where you install your LP unit as long as it is on the COLD mains pipe.

This is because the latest generation of LP units put a "current" in the water like a beam of light which travels up-stream and down-stream to the remotest parts of the cold plumbing system. It has nothing to do with the direction of the water flow.



You will require an LP1 if your house has 4-bedrooms but an LP2 if your house has 5+ bedrooms or if you have more than one bathroom.

Combination boilers and heat stores will get dedicated protection if an additional LP1 is fitted on the cold supply within 1.5 meters of the appliance.

LP1. 1-4 Bedroom Houses

LP2. 5+ Bedroom Houses

Please note: Although you can use any **USB** power adapter type plug to insert the **USB** to power up your LP unit, the plug **MUST** have a 5v = 1A rating. **DO NOT USE POWER ADAPTERS OF LESS THAN 1 AMP.**

INSTALLATION of the LP1

Decide exactly where the unit or units are to be installed; ensuring that once the aerial wire is wound around the pipe there is enough spare wire to plug the ends into the sockets. You will need at least 10 aerial turns for best effect. Simply wind the aerial around the pipe being treated and secure both ends with a cable tie as shown in the diagram. It is better to secure the first wind with a cable tie before finishing the rest. The red jack goes into the red plug and the black jack into the black plug on the LP1 unit.

Attach the LP1 to the wall or surface with the screws provided or you can use two-sided adhesive VELCRO (not provided)

IT'S SO EASY TO FIT YOUR LP UNIT

You can do as many windings as you like as long as you have at least ten. If you run out of space you can wrap the spare aerial back over the first windings.

INSTALLATION of the LP2

The LP2 has a much stronger output than the LP1 and has two aerials. Simply repeat the installation procedure as with the LP1 except that you will now have two aerial loops on your rising main.

It is possible to treat two pipes with a single LP2 if they are close together. So by installing an LP2 in the airing cupboard, where the cold riser to the header tank and the cold down service to the hot water cylinder often run in parallel, total household protection can be achieved with just one unit if you have a vented plumbing system.

ELECTRICAL SUPPLY AND POWERING UP YOUR LP UNIT.

Once you have installed your Little Plumber it will need some power. Your LP UNIVERSAL unit means that wherever you live in the world you can access the correct power by inserting the **USB** plug into a 5v 1amp adapter or basically your **USB** charger plug. If you do not have access to mains power you will have to use a qualified electrician to wire your 1amp 5v adapter into a fused spur.

If you have any doubts consult a qualified electrician.

OUTPUT LED's on the units are either **red or green** in the LP1 and **red and blue** in the LP2.

The red LED stays on permanently when the power is on and the green or blue LED's flash when the aerials are connected properly.

The Little Plumber should be on at all times so make sure that you plug it into a socket that isn't to be turned off..

IF LITTLE PLUMBER IS WINKING... HE'S WORKING... IF HE'S NOT... HE ISN'T