

WT-3-Commercial Water Conditioner

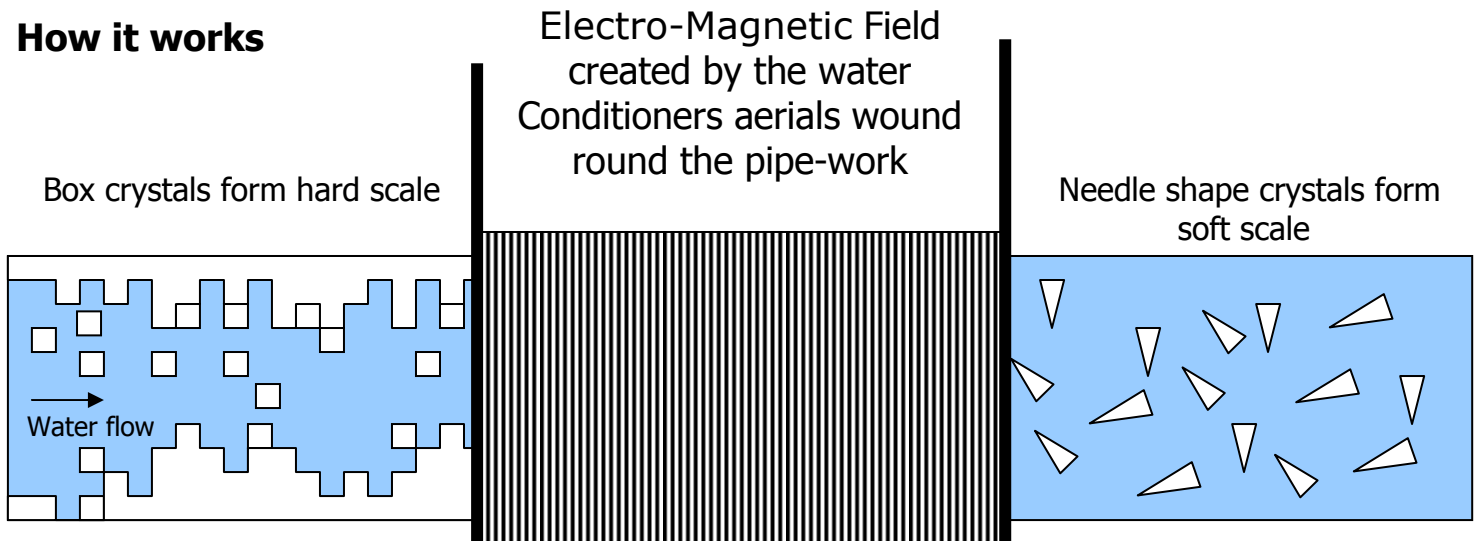
The WT-Model 3 commercial Water conditioner is simple to install and offers a unique way to soften lime scale without the use of chemicals. This electro-magnetic conditioner alters the physical properties of minerals which cause scale formation.

With 4 out put aerials it offers a wider length of pipe work to be covered. The unit is also equipped with a scan switch which allows the rate at which the frequencies are passed through the water, to be increased to allow for larger water-flow to be treated

The minerals are not removed from the water, hence why they are called **conditioners**. This is one of the factors, which differentiate them from water softeners which change the chemical composition by replacing the calcium and magnesium with sodium from a salt (brine) solution.



How it works



Box-shaped and needle-like are the most frequent type of crystal. The relative amounts of the different types of crystals is variable and can be altered by changing the balance of minerals, the temperature and other factors in the water. If the box-shaped crystals predominate then a hard scale will develop, but if the crystals are mainly needle-shaped either a soft scale forms or the crystals remain suspended in the water.

As the water flows through the coiled aerials which are wrapped around the pipe-work where the WT-Water Conditioner is fitted. The conditioner encourages the formation of many miniscule needle-shaped, rather than box-shaped, crystals.

The needle-shaped crystals remain suspended in the water as it flows through the pipes and appliances or settles out to form a soft scale if the water is stored or dries. The soft scale can be easily cleaned or wiped away.



Model 3 commercial

This unit is suitable to treat commercial property's, with 2 inch pipe upto 4 inch pipe

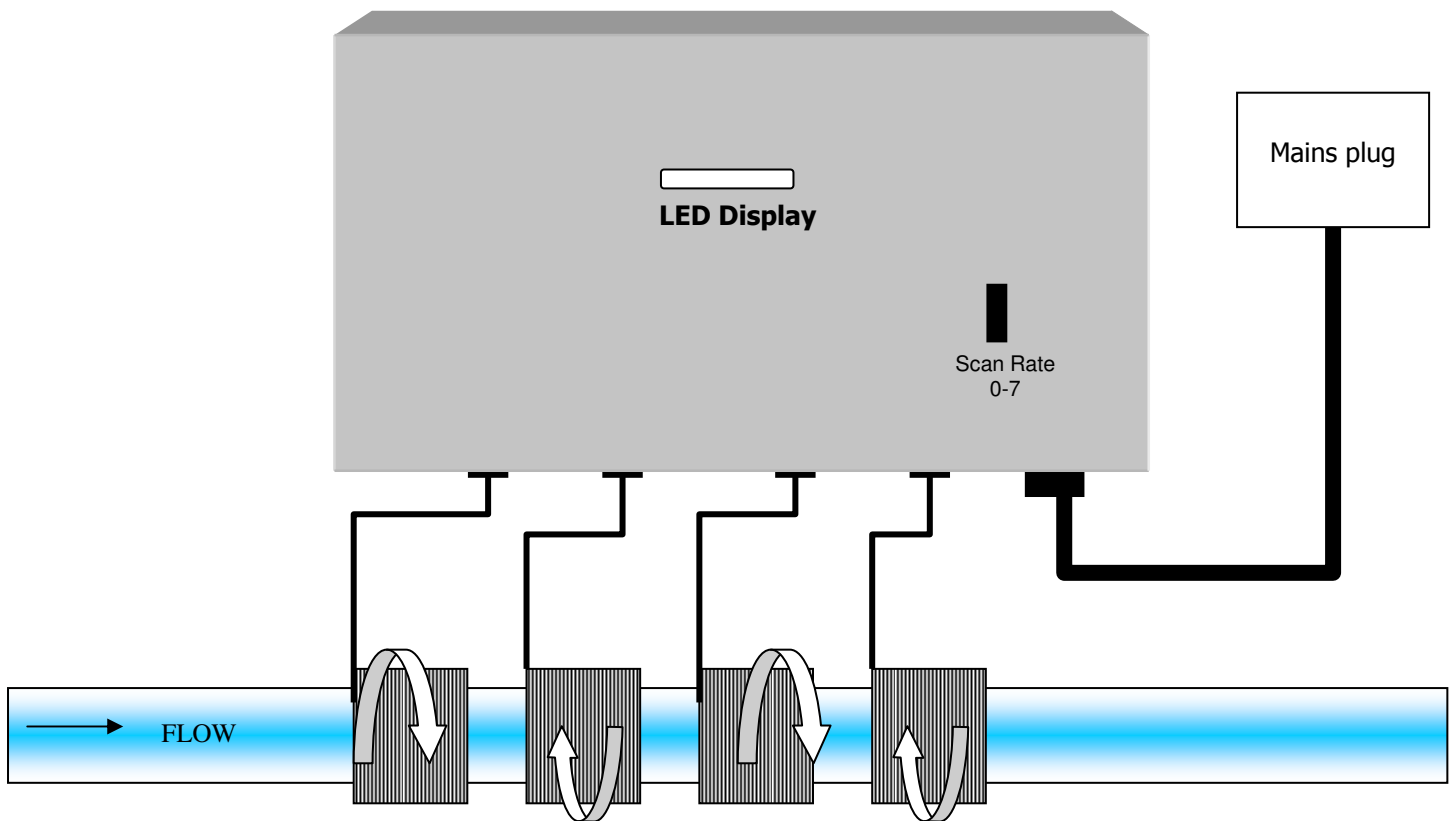
1x control system 1x 1.5 meter mains cable 4 x Aerial leads 8x cable ties.

This unit is equipped with a switch to increase the speed of the frequency range. Setting 1 200Hz to 3000Hz over 1.5 minutes upto setting 7 where the whole frequency range is cycled over ¼ of a second.

Dimensions

Width 27cm Height 21cm Depth 4.25cm

Pipe Size	Average flow rate –litres per min	Unit required
1-2 inch	450LPM (Domestic)	Model 1-2
4 inch	1702 LPM (Commercial)	Model 3
8 inch	6150 LPM (Industrial)	Model 4



Aerial 1 clock-wise , Aerial 2 anti clock-wise, Aerial 3 clock-wise , Aerial 4 anti clock-wise.
Minimum Coil lengths 2in/50mm,, gap between coils 1in/25mm

INSTALLATI N

The unit should be placed close to the in-coming water mains supply, and if possible onto hot water systems for maximum benefit.

The aerials should be wound tightly around the mains water pipe a minimum of 15 times but the more turns onto the pipe-work the better electro magnetic field will be produced. The aerials must also be tight to the pipe with no gaps in-between.

Fix the aerial to the pipe using the cable ties provided.