

Microwave

Why do I need limescale protection for my home?

Limescale deposits form in hard water areas wherever water is heated up unless some sort of protection is applied. Hard water has a drastic effect on the efficiency and lifespan of appliances throughout the home, commercial properties and in industry. Limescale is a poor conductor of heat. Any heat transfer surface, covered in scale will experience a reduction in efficiency. More fuel will be required to raise the temperature of the water to the required level as the heating time required will be increased. Studies have shown that a 25mm thick layer of limescale on a heat exchange surface will reduce heat transfer by 95% (Glater et al 1980) and this has implications for energy costs. Just a 1mm layer of limescale will increase energy costs by 7.5%, while a 12mm layer will raise this increase to 70%. Not only, though, will efficiency be affected but limescale deposits are unsightly and costly and take time to remove using acid chemicals to dispel them. Some pipework becomes so clogged that flow rates are effected and costly maintenance is needed to replace the pipes. The Microwave is an electronic water conditioner that will combat these deposits and even remove deposits that have already formed.



Features

- Solves limescale deposits in houses of up to two bedrooms
- Completely safe - nothing added to the water
- Controls limescale deposits from time of fitting onwards
- Easy to fit in a few minutes - plumber is not required
- Uses a tiny amount of electricity
- 2metre long cable
- Long lasting and maintenance free
- Full two year warranty against failure due to faulty manufacture
- Unconditional 6 month money back guarantee if you are not satisfied with the performance of the unit (proof of purchase required)
- Can be applied to all pipework types except stainless steel

Benefits

- Whole house protection - not just single units
- Gradually removes existing limescale deposits such as on pipework, cisterns, heat exchangers etc
- Prolongs boiler life
- Prolongs appliance life
- Negates the need for aggressive chemicals to remove unsightly scale deposits