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# Kensington and Chelsea TMO take the Scale-Buster Solution

Kensington and Chelsea Tenant Management Organisation (KCTMO) manage over 4,000 properties with gas boilers, so scale and corrosion in water pipes could be major problems. But they are not. That's because they have been fitting Rodin Scale-Busters on every gas boiler change and water heating system upgrade for the past 10 years. To date, not a single unit has failed.

It's location in a hard water area combined with a desire to protect heating systems and minimize maintenance costs led the KCTMO to search for an appropriate decalcification product to meet all these requirements.



**The Rodin Group Ltd**  
the water friendly company

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# Removes scale, prevents corrosion and saves energy

Scale-Buster is a patented device which is unique in that it both removes and prevents the formation of scale in hard water areas while preventing corrosion and rust in soft water areas. It can be fitted in new build projects and also retro-fitted to existing installations to protect expensive equipment thereby extending its useful life.

Scale-Buster generates water turbulence within itself and 'squeezes' the water through the specially designed multichannel structure so allowing a greater surface area of water treatment. It works by creating a number of separate effects which combine to produce a water conditioner that works satisfactorily over a wide range of conditions and water hardness. Dissolving old scale and corrosion encrustation in water systems reduces pressure loss due to restricted water flow and saves energy in heating appliances and systems. A thickness of only 3mm of scale on heating surfaces can add 25% to energy costs.

The galvanic effect of the special zinc anode within Scale-Buster offers cathodic protection to pipework both up and downstream from the unit. Once the corrosion is cleared the patented design of Scale-Buster prevents further attack in metal systems by forming a passive layer of magnetite ( $Fe_3O_4$ ) on the systems surface.

Scale-Busters use no power or chemicals and require no maintenance. The small amount of electricity needed (about one volt) is generated from the flow of water within the body of the unit. Rodin claim this probably makes Scale-Buster the most environmentally sound method to combat scale and corrosion over a wide range of water hardness.

## NO FURTHER PROBLEMS

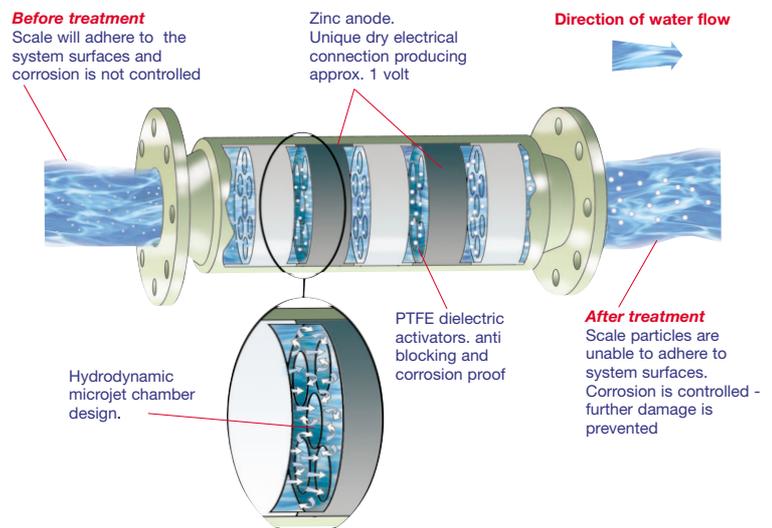
KCTMO Team Leader Dave Watts said

"I can't recall any instances of problems caused by scale build up or corrosion on any systems where we've previously fitted a Scale-Buster.

But we do get called out to other installations and whether we end up repairing the boiler or upgrading it, we always fit a Scale-Buster."

Rodin MD Mark Dallaway said

"Kensington and Chelsea Tenant Management Organisation are really enjoying the long-term benefits of reduced maintenance costs and are confident in the product that can only come from prolonged, trouble free use. The strength of the Scale-Buster is its versatility, it covers a wider range of flow conditions, protects against both scale and corrosion and has no maintenance or running costs. It really is a fit and forget product."



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