



Product Bulletin Zilmet ActivFlo Catalytic Method

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Limescale buildup on a water heater electric element caused by calcium bicarbonate

Just 1/16" of limescale will decrease the efficiency of an appliance by 12% and 1/8" a reduction of 25%



The Zilmet Activflo reduces limescale buildup. As water flows through the Activflo, a catalytic action causes the calcium and bicarbonate ions (which produces limescale) to precipitate from the water forming an insoluble calcium carbonate crystal called aragonite. The material alloy of the Activflo coil is the catalyst.

The aragonite cannot adhere to surfaces in the same way as limescale and is washed through the system down the drain.



Cross Section of the Activflo showing internal catalytic coil



Pipe sections with and without Activflo