

Technical Data Sheet | Electrolytic

General Product Information

When hard water is heated beyond 60°C the temporary hardness present starts to produce crystal structures known as Calcite or Aragonite. Calcite crystals being generally small and sticky tend to adhere to both themselves and the surfaces of heat exchangers and pipework etc. Aragonite crystals on the other hand are needle-like and are less likely to adhere to heat exchange surfaces. Scalemaster Electrolytic products operate as a galvanic cell, producing electro-chemical transformations to influence the formation to Aragonite thus inhibiting build up. As the modification is permanent electrolytically treated cold water can be stored thereby affording whole house protection.



Application

Electrolytic water conditioners provide for whole house protection.

Electrolytic Technical Info	Speedfit®	Gold		Platinum	
Fitting sizes (mm)	15	15	22	15	22
Flow Rate, Litre/min (max)	32	32	36	32	36
Fitting type	Speedfit	Compression		Speedfit	
Body Material	Acetal Co-Polymer	Copper		Copper	
Length (mm)	185	175	175	150	175
Diameter (mm)	41	35	35	35	35
Requires earth bonding	Yes	No		Yes	
Guarantee (years)	2	3		3	

Fitting Location

Incoming cold water mains supply.

Position

As close as possible to stopcock and before first draw off.

Power Source

None required.

Fitting Instructions

Supplied with packaging and available upon request.

Operating Instructions

Designed for cold water application temperature 1°C - 40°C. Do not allow to freeze. Maximum working pressure 8 bar.

Site Requirements

All work should be carried out by a suitably qualified, competent person. Installation should comply with the Water Quality (Water Fittings) Regulations 2010 and all relevant by-laws.

Earth Bonding

It is important to maintain earth continuity in accordance with current I.E.E. regulations. When required a suitable earth bonding cable should be fitted to the pipework to bypass the product. A qualified electrician should carry out this work.

Approvals

Scalemaster® Electrolytic products are WRAS approved.