



Electrolytic (domestic)

General Product Information

When hard water is heated beyond 40°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 prefer to remain naturally in suspension in the water. Scalemaster Electrolytic products operate as a galvanic cell, producing electro-chemical transformations to modify crystal formation from Calcite 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.

Additional Information

Performance

Electrolytic Gold and Platinum models have a larger Cathodic area offering superior performance.

Commercial Use

Commercial sizes are available from 28mm-54mm.



Electrolytic (Domestic)	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	ABS Polymer	Copper/brass		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

Close as possible to stopcock and before first draw off.

Power Source

Not required.

Fitting Instructions

Supplied with packaging, available on request.

Operating Information

Designed for cold water application **temperature 1°C - 40°C. Do not allow to freeze.** Pressure tested to 14 bar. Maximum working pressure 8 bar.

Site Requirements

All work should be carried out by a suitably qualified person to comply with all water byelaws.

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 approved by WRAS and comply with the requirements of the United Kingdom Water Regulations/Byelaws.