

## Technical Data Sheet | Magnetic

### General Product Information

Scalemaster® Magnetic products work by influencing the type (crystal structure) of limescale particles precipitated when the water is heated. Passing the water over multiple magnets under turbulent conditions, alters the size and shape of crystals formed, thus rendering them less capable of attaching to heat-exchange surfaces.

As the modification is temporary, with the effect wearing off quickly in stored water, we do not recommend the Magnetic treatment of water for whole house protection.

### Application



Scalemaster® Magnetic is designed for individual appliance protection, i.e combination boilers and showers where the treated water is not stored for later use.

Magnetic 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

Cold water feed to the appliance.

### Position

A minimum of one metre to a maximum of two metres before the appliance for optimum performance.

### 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® Magnetic products are WRAS approved.