

## 22mm CORROSION MASTERCM5

EAN	5027639600307
Product Code	600307
Pipe Diameter	22mm
Body Material	Copper
Fitting Type	Compression
Maximum Flow Rate	36 litres / minute
Length	135mm
Diameter	35mm
Weight	
Warranty	2 Years



TECHNICAL HELPLINE 01785 811636

### Features & Benefits

The Corrosion Master CM5 is designed to continue working unattended for 5 years and is supplied with a installation date label.

- Flow rate 36 litres per minute (max)
- 5 Years maintenance free corrosion protection
- Earth bonding not required
- Needs no chemicals or power
- Easily installed
- Visible protection - no overdose or underdose worries
- No moving parts, no maintenance required
- 2 Year product performance guarantee
- Manufactured in the UK

### The Physical Approach: How does Corrosion Master Work?

Corrosion Master acts as a galvanic cell and works in 3 different ways;

1. Dissolved oxygen (D.O.) present in a system is converted into a harmless hydroxide species, which does not support the corrosion process. Depriving the corrosion process of it's vital oxygen source is seen as a key issue in terms of prevention.
2. Zinc species from the anode are released into the heating circuit water, providing cathodic protection throughout the system.
3. Once fitted, Corrosion Master is automatically activated by the presence of dissolved oxygen that entered via the tap water used for filling. It will then continue to work until all the D.O. has been eliminated, switching off only to be reactivated by the introduction of fresh water. In this sense Corrosion Master is permanent and automatic.

### Where do you fit Corrosion Master and what preparation is required?

As with a chemical inhibitor the heating circuit should be flushed out thoroughly with either a cleaner such as SM3 or a sludge remover such as SM4 in line with BS 7593. Once completed the Corrosion Master should be fitted to the flow or return of the heating circuit of the boiler using the compression fittings provided.