



# BM3 HYDRONIC SYSTEM CLEANER INSTRUCTIONS

BM3 provides high performance heating system cleansing by removing sludge, scale and other debris. It is supplied by Eclipse Magnetics, manufacturers of the BoilerMag range of high quality magnetic heating system filters.

BM3 is classified as non-hazardous and while delivering effective protection against corrosion and limescale is non-toxic and biodegradable. ISO 14001.

Suitable for use with all plastics and metals commonly found in central heating systems including aluminum.

Cleaner is extremely effective at dispersing iron oxide and limescale. It doesn't require neutralization. It's safe to discard to foul sewer / septic tank. Never discard to groundworks.

### PHYSICAL PROPERTIES:

<b>Appearance</b>	Liquid
<b>Colour</b>	Amber / Light Brown
<b>Odour</b>	Slight
<b>pH</b>	6-8
<b>Relative density</b>	1.10
<b>Solubility (water)</b>	Soluble in cold and hot water
<b>Dosage</b>	1 pint (500ml) per 25 gallons system capacity - up to 10 radiators

### SAFETY:

- Keep out of reach of children
- Dispose of contents/container in accordance with national regulations
- Safety data sheet available on request
- Not suitable for use in single feed PRIMATIC cylinders

### FEATURES:

For open vented and sealed systems. Add to systems via the header tank, system filter, power-flush machine or dosing vessel.

### BOILERMAG RESIDENTIAL CHEMICAL DOSING:



Isolate boiler. Close isolation valves. Open drain valve to release air pressure. Close drain valve. Remove air vent screw (1) or fully remove air vent (10). Connect dosing device (3). Open outlet isolation valve. Apply dose 1 pint (500ml) (max). Close outlet isolation valve. Remove dosing device. Replace air vent screw. Open both isolation valves. Turn on heating system to flush. Vent system if required.

BoilerMag vessel takes 1 pint (500ml), so the entire 1 pint dose can be added. Circulate in the system for a minimum of one hour, maximum seven days. A hot system will achieve better results.

Use an indicator test strip to confirm the cleaner has been added at the correct concentration.

Flush out until water runs clear. Take a second test to confirm that the system has been correctly flushed. After cleaning, add inhibitor.

### TESTING BM3 CLEANER CONCENTRATION:

Use BM3 Level Indicator Strips. Drain off a small amount of system water and dip the tip of the test strip for three seconds. After one minute compare to the colour scale. Continue rinsing and flushing until the desired result is achieved.

NOTE: Extreme hard water can invalidate tests, to check, dip a test strip in cold water, no change in colour indicates valid results.

