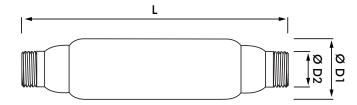
# MACDONALD INDUSTRIES LIMITED TECHNICAL DATA

SCALEMAST

# **SM-Mxx** MAGNETIC GOLD SCALE INHIBITOR





### **DESCRIPTION**

Limescale inhibitors (sometimes called physical water conditioners or physical water treatment devices) is a term generally used to describe products that are designed to prevent lime-scale build-up on cylinder elements and/ or heat exchange surfaces in boilers when hard water is heated.

Scalemaster<sup>®</sup> Magnetic Limescale Inhibitors prevent limescale build-up by influencing the type (crystal structure) of the limescale precipitated. Laboratory research has shown that the growth of limescale crystals is affected by the application of the magnetic field causing more 'needle-like' aragonite crystals to be formed (which find it harder to stick to heat-exchange surfaces) than the normal calcite (which forms harder surface deposits).

Simple connection into existing or new pipework.

Only recommended for use on indivdual appliances (hot water cyclinders etc). Install just after cylinder stop cock.

## **INSTALLATION**

For individual appliance protection.

- Operating temperature 4 40°C
- Do not allow to freeze
- Maximum operating pressure 800kPa

#### MODELS

Model	L	D1	D2 (BSP)	Max Flow Rate
SM-M15	154mm	35mm	15mm	32 (L/min)
SM-M20	150mm	35mm	20mm	36 (L/min)



#### Auckland (Head Office)

20 Carr Rd, Three Kings Auckland 1042 09 624 1115 sales@macdonaldindustries.co.nz macdonaldindustries.co.nz

#### Christchurch

32B Hayton Road Wigram, Christchurch 03 348 2356 christchurch@macdonaldindustries.co.nz

#### Wellington

04 569 8033