

Technical Data Sheet | i-Mag®

General Product Information

The natural build-up of black iron oxide sludge (magnetite) reduces the performance and efficiency of both new and old central heating systems. Sludge is the by-product of corrosion taking place within radiators, which becomes water-borne and then deposits in pumps and valves resulting in the premature failure of these components if not treated. Just a small amount of sludge can have a significant effect on component lifetime and heating system performance.

The Scalemaster® i-Mag® Magnetic Sludge Filter has been developed to provide an effective and easy method of removing virtually all of the suspended iron oxide from heating system water to maintain system efficiency and performance.

Features

- All stainless steel construction
- Double seal for long-term durability
- Unique (registered design) 22mm isolation manifold
- 5 years warranty
- Easy *single-shot* dosing with Scalemaster Gold 250ml heating system chemicals
- Bleed valve to allow expulsion of air from the system after dosing

Application

- For the removal of water-borne sludge in central heating systems
- Designed to improve heating system efficiency and lifespan
- Helps reduce heating bills

Fitting Location

Install in the central heating system pipework, ideally in a vertical run of pipe on the return to the boiler.



Specifications	i-Mag®
Performance	
Magnet strength (per pair)	5060 Gauss (0.5T) at each surface
Bowl capacity	270ml
Sludge capacity	280g
First pass sludge capture	Excellent
Construction	
Fitting type	22mm Compression
Unit	Cast austenitic 304 grade stainless steel
Manifold	Hot stamped brass to EN1254 – nickel plated
O-ring seal	EPDM 70, peroxide cured
Gasket Seal	EPDM 70, peroxide cured
Magnet tray	Nylon 6/6
Magnets	N42 rare earth disc magnets

Note: Unit is supplied with one pair of magnets. Second slot in magnet tray is intentionally left blank.
Scalemaster order code 601007

i-Mag®