

# LIFF POWERMAG PM75

## Electromagnetic Physical Water Conditioner

### Overview

The PM75 is an electromagnetic water conditioner, providing domestic users with a high-powered solution to the build up of Lime scale. Working from a **230V / 240V AC** supply, the unit should be installed within 1 metre of a suitable power supply. The PM75 will prevent the build up of future scale as well as stripping away existing deposits, without altering the chemical properties of the water, which means the water remains potable.

### INSTALLATION

Can be installed either on an incoming main where whole house protection is required or on pipe work supplying a particular appliance e.g. Combi boilers, water heater, electric shower, etc. The main unit contains an electromagnetic coil, which means it needs to be connected to a 230v / 240v power supply.

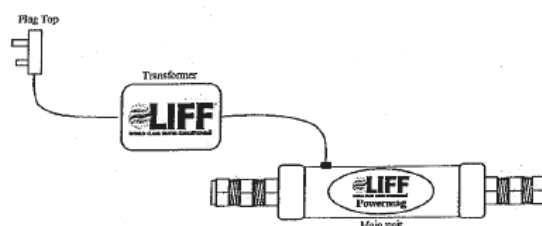
1. Select an appropriate length of pipework where the PM75 is to be installed.
2. Cut out a section of pipe approximately 230mm in length.
3. Slide the outer compression nuts onto the pipe and the olives.
4. Position the PM75 between the compression nuts.
5. Tighten the nuts onto the olive to form a watertight seal.
6. Do not over tighten.
7. Connect to the mains using the plug provided.

### ELECTRICAL NOTES

- The PM75 transformer needs to be connected to a 3Amp fused, 230v /240v (50hz) supply. If connecting to a spur ensure it incorporates a switch to enable maintenance or repair of the equipment.
- The PM75 transformer is a CLASS II TRANSFORMER (MM 1000 UK)
- A means of isolating the PM75 must be accessible to the user. This must incorporate a gap of at least 3mm.
- An intermittent flashing green light on the transformer indicates that the PM75 is functioning correctly.
- Designed for **INDOOR USE ONLY** *no part* of the PM75 must be submerged in water.

### SPECIFICATION

Inlet/outlet fittings:-	22mm compression
Flow rate:-	35 litres per minute
Pressure drop@ 3BAR:-	2psi
Maximum pressure:-	10 BAR
Main unit dimensions	
Length:-	280mm
Diameter:-	65mm
Transformer dimensions	
Length:-	110mm
Width:-	80mm
Height:-	60mm
Power consumption:-	50Watts
Supply voltage:-	230V / 240V AC 50Hz
Fuse rating:-	3Amp
Standards:-	EN 60742: 1989, BS3456





## Powermag PM75

### In-line Electromagnetic Scale Inhibitor

The Powermag PM75 is an electromagnetic water conditioner, providing domestic users with a high-powered solution to the build up of limescale. Working from a 230V AC supply, the unit should be installed within 1 metre of a suitable power supply. Powermag PM75 will prevent the build up of future scale as well as helping to strip away existing deposits, without altering the chemical properties of the water, which means the water is potable. Install either on an incoming main where whole house protection is required or on pipework supplying a particular appliance e.g. combination boilers, water heaters, electric showers etc.

## Performance Data

Flow rate:	35 litres / minute	
Maximum pressure:	10 BAR	
Main unit dimensions:	Length:	280mm
	Diameter:	65mm
	Width:	60mm
Power supply dimensions:	Length:	110mm
	Diameter:	80mm
	Width:	60mm
Power Consumption:	50 Watts	
Supply voltage:	230V /240V AC 50Hz	
Fuse rating:	3A	
Power supply protection:	Non reset-able thermal fuse in transformer	
Construction:	Double insulated appliance BS EN 61558 BS EN 60335	



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