

PROTEX

Central Heating System Accessories



SUPAMEG COMPACT MAGNETIC IRON OXIDE AND SLUDGE REMOVER

DIRECTIONS FOR USE

INSTALLATION WITH FLUSHING PUMPS

- The filter should be fitted via the swivel coupling (included with the unit) to the return side of the pump, thus ensuring the water is cleaned after initially passing through the heating system.
- Prior to flushing, ensure that joints are tight and the drain valve with the hose tail is turned off. The removable magnet should also be pushed in its correct top position as indicated.
- As flushing proceeds the magnet inserted through the top.
Down the central core will attract the iron oxide particles as they pass and gradually the filter will become choked.
- To empty the filter simply stop the flushing pump and close the circulating valve on the down side of the filter according to flow.
- Remove the magnet by extracting from the top of the filter body. This then loosens the metal particles from the internal coil.
Next either place a receptacle under the drain tap or fit a hose and drain to a convenient location.
- Open the drain valve and start the pump ensuring that the flow is in accordance with the closed circulating valve on the pump.
All debris will now be flushed through the filter cleaning the coil and draining off via the drain valve.
- When all the debris is removed then reverse the cleaning procedure, ensuring that the dump valve is closed and the magnet reinserted into its position.
- Ensure that all dirty water dumped in the procedure is replaced with clean.

INSTALLATION IN THE CENTRAL HEATING SYSTEM

- Installation: Select a suitable for installation in central heating system. Ideally the unit should be sited on the boiler return.
Do not fit between the boiler and open vent on a conventional heating system.
- Remove section of pipe and attach the unit by using the appropriate fittings to connect to the 3/4" BSP isolating valves.
- Check all connections are tight. Refill system, open the isolating valves and ensure that there are no leaks.

CLEANING

- Turn off the outlet isolating valve. Next either place a container under the drain tap or fit a hose and drain to a convenient location.
- Open the drain valve.
 - Remove the magnet by extracting from the top of the filter body, which then loosens the metal particles from internal coil.
 - All debris will now be flushed through the filter cleaning the coil and draining off via the drain valve.
 - When all the debris is removed then reverse the cleaning procedure and ensuring that the magnet reinserted into its position and the drain valve is closed.
 - Ensure that all dirty water dumped in the procedure is replaced with the clean.

The Supameg Compact should only be installed by a competent person - if in doubt consult a qualified heating engineer.

The Supameg Compact can be used with all leading flushing machines and will reduce both the time taken and amount of water used.