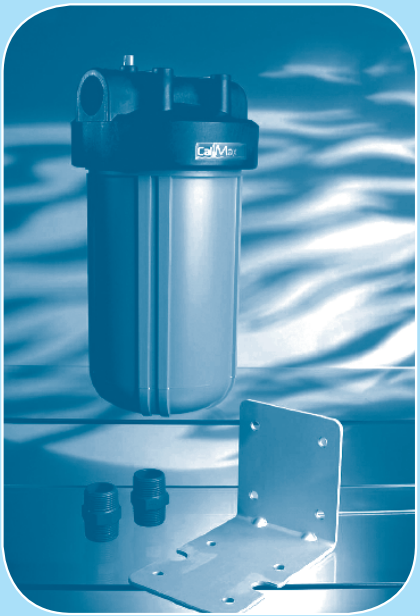
Calmag

Calming troubled waters

MODEL:
CALMAX

CalMax
Drinking Water Filter Kit
Specification



CalMax

A housing for heavier users of water, such as farms, offices and factories. Choice of 2 cartridges - Sediment or Carbon Block.

Due to Calmag's commitment to new product development the photographs contained within these instructions may depict earlier product models - Calmag reserve the right to alter specification without prior notification - please contact Calmag technical services on 01535 210320 (option 2). © 2009 Calmag

CalMax Water Filter
Specification

How CalMax works...

Water from the mains is connected to the inlet port of the CalMax unit. The water is then directed down through the filter cartridge within the unit. This process eliminates the unwanted contaminants. The water then flows up through the centre of the cartridge, through the outlet port and supplies treated water.

Installation Tips...

Fit on cold water lines only and in accordance with local water bylaws and regulations. Protect from freezing. When used for removal of sediment (Max S) or bad tastes & odours (Max C) the CalMax housing will protect the whole house (drinking water, washing machines, baths, sinks etc.) and is best fitted on the rising main after your stop cock.

1. Turn off the water supply and drain the pipe by leaving the tap open.

2. Fix 2 x fibre washers inside the inlet and outlet port of the housing then screw in the 1" male barrels using PTFE tape on the threads and tighten. Fit 2 x brass 1" female and 22mm compression fittings on barrels using PTFE tape to seal and tighten.

3. Using the 4 coach screws, attach the mounting bracket to the top of the housing using a 13mm spanner.

4. Before fixing housing in position make sure sufficient room is available below the housing to allow the cartridge to be replaced (fixing scews not supplied).

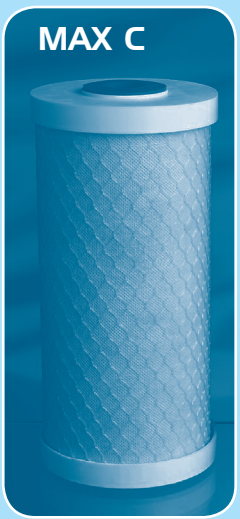
5. Unscrew bowl (using spanner provided) and install cartridge if not already installed. (Ensure all packaging has been removed). Re-fit bowl to head and tighten making sure 'o' ring sits in groove on the bowl to ensure a watertight seal

6. Plumb in unit using 22mm copper pipe.

7. On completion of installation, turn on water supply. Always put a basin or tray under the housing whenever changing the cartridge. Check for leaks.

8. Turn on the nearest cold water tap to remove air locks from the system.

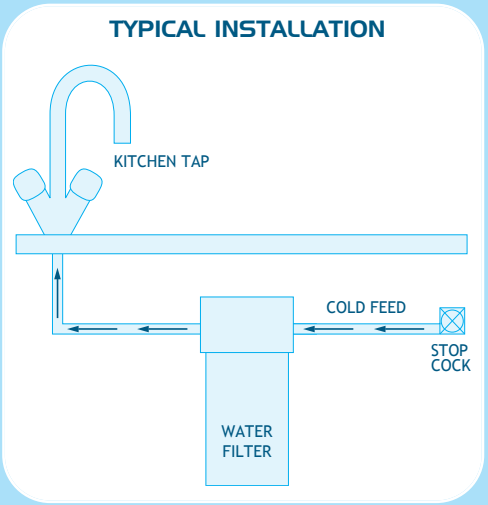
9. To comply with water regulations, a single lever valve or non return valve device should be fitted on the supply pipe to the CalMax unit.





Cartridge replacement (recommended every 4-6 months)

1. Turn off water supply and release pressure in pipe by depressing red button on top of housing or opening cold water tap.
2. Using large spanner provided, unscrew housing from head and remove old cartridge. (Place bowl under housing to catch any remaining water).
4. Fit new cartridge and screw bowl back onto head and tighten.
5. Turn water supply back on and open cold water tap to remove any air locks.
6. Check for leaks.



Tools

Drill & masonry bits.
13 & 32 mm spanners.
Large adjustable spanner.

Flow rates

The maximum flow rate through a CalMax housing is approximately 76 litres per minute. This flow rate may drop when a cartridge is installed. The flow through the cartridge will vary according to the type of cartridge used. Max S cartridge maximum flow is 60 litres per minute. Max C cartridge maximum flow 42 litres per minute.

Specification...

Height:	350mm
Diameter:	182mm
Colour/material:	Black manifold head with blue bowl. Polypropylene.
Filter cartridge option:	Max S (sediment) OR Max C (carbon block)
Filter cartridge replacement:	Recommended at least twice annually dependent on water quality.
Maximum working pressure:	8 Bar (112psi).
Maximum temperature:	Max S=50˚C. Max C=35˚C.
Maximum flow rate:	Max S=60 Litres/Min. Max C=42 Litres/Min.
Inlet & outlet:	1" BSP (female thread).

Contents...

- Fixing bracket.
- Housing spanner.
- Built in pressure relief valve.
- 1” Fittings x 2.
- Free reminder card service for replacement cartridge intervals.
- Lifetime Guarantee registration card.

Replacement filter cartridges

Our customer service includes a registration and reminder service whereby we will contact you every 6 months after the purchase of your water filter and also advise you on where you can purchase your replacement cartridge. Because contaminants are trapped within the filter cartridge, you need to change them on a regular basis to maintain a clean water supply. The lifespan of a cartridge is dependant on the quality of water passing through it. We recommend changing filter cartridges every 4-6 months.

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