

# CERAMIC CANDLE INSTALLATION AND OPERATING INSTRUCTIONS

**Important Note.** These instructions cover several grades of replacement elements which have either threaded or push fit mounts. please ensure that the instructions relevant to the element grade purchased are followed.

## Installation (All elements).

When installing a filter element for the first time or replacing a used element with a new one, it is important to condition the filter with the incoming water using the following procedure:-

### Pressurised filters Fitted with threaded or push fit mounted filter elements

- Step 1 Place the sealing washer over the threaded mount, or moisten the o' rings on the push fit mount.
  - Step 2 Fit the candle into the housing ensuring that a seal is made. **DO NOT OVERTIGHTEN THREADED MOUNTED FILTER ELEMENTS.** Then seal the filter housing according to the installation instructions supplied with the housing.
  - Step 3 Open the isolation valve/tap to allow water to flow through the filter to waste for 10 minutes.
  - Step 4 Allow the filter to stand unused overnight.
  - Step 5 Open the tap again for 2 minutes and allow water to run to waste.
- The filter is now ready for use.

### Gravity Filters:

- Step 1 Place the sealing washer over the threaded mount, locate through hole in filter chamber and secure with wing nut. **DO NOT OVERTIGHTEN.**
  - Step 2 Ensure that the tap spigot is in the OFF position. Fill upper chamber with cold water and allow to filter into the lower chamber.
  - Step 3 Discard the water from the lower chamber and repeat step 2 a second time.
- Super Sterasyl candles contain loose carbon media and black particles may be seen in the water that runs to waste. This is normal and will clear as the water runs.
- The filter is now ready for use.

N.B. If the filter is left to stand for more than 3 days it is recommended that water be run to waste for 1 minute from a pressure filter before using. For gravity filters discard the first half chamber of filtered water before using.

### Operation

If the incoming water contains particles then the flow from the filter will gradually reduce. If this occurs then the flow can be restored by removing the candle and scrubbing the surface with a stiff brush or abrasive pad under running water or in a bowl ensuring that the threaded portion does not get contaminated. NEVER USE SOAP OR DETERGENT.

### Sterilisation

Sterasyl (®), Super Sterasyl, ATC Super Sterasyl, Supercarb and Ultracarb candles contain silver and do not require sterilisation.

Standard grade candles require sterilisation after cleaning. To do this place the candle in a container of water and boil for 20 minutes. Allow the candle to cool before replacing it within the filter housing.

Supercarb, Ultracarb, Super Sterasyl and ATC Super Sterasyl candles contain water treatment media to remove chlorine, taste, odour and other dissolved contaminants such as organic molecules. Ultracarb and ATC Super Sterasyl only also remove lead. For optimum performance, water flow should be restricted to approximately 1 ½ litres per minute.