

January 1996

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**DOULTON STERASYL
BACTERIOSTATIC WATER FILTER ELEMENT**

Active Ingredient: Metallic Silver	0.07%
Inert Ingredients:	99.93%
Total	100.00%

KEEP OUT OF REACH OF CHILDREN**CAUTION**

Use only Doulton Sterasyl Bacteriostatic Water Filter Elements which are available in a wide variety of better stores and water filtration & purification equipment dealers. For the store nearest you, call (517) 467-4788. For questions or comments, call (517) 467-4788.

EPA Reg. No. 69096-1.

EPA Est. No.

Net Contents: One Doulton Sterasyl Bacteriostatic Water Filter Element

Directions for Use: It is a violation of Federal law to use this product in a manner inconsistent with its labeling. See the enclosed leaflet for full instructions on use. Use with cold water only. Maximum flow: 0.8 g.p.m. This replacement filter element has a capacity of up to 1300 gallons when properly installed in an appropriate countertop, undersink or inline housing. It is capable of treating up to 5 gallons of cold (up to 100° F) tap water daily for approximately nine months. Life of the unit can be extended by cleaning when water flow diminishes. When cleaning is no longer effective in restoring adequate flow, the unit is nearing the end of its useful life and must be replaced.

This filter element is designed to be used with a number of brands of filter housings, including Doulton, British Berkefield, Cuno, Ametek, Q.S.N., N.R.G., U.S. Water or Flowmatic. Please refer to the instructions included with the original filtration system for proper installation.

The Doulton Sterasyl Bacteriostatic Water Filter Element has been tested with water at a maximum temperature of 100° F. No warrantee is made for use with water at higher temperatures.

Filters suspended particles or particulate matter larger than 0.5 microns in size to A.S.T.M. Standard F795. Removes turbidity. Inhibits growth of bacteria within the filter element to prolong the life of the filter.

This water filter element is intended for use with municipally treated tap water in the home and office.

DISPOSAL: WRAP USED WATER FILTER ELEMENT IN NEWSPAPER AND DISCARD WITH TRASH.

Sold and serviced in U.S.A. by Ceramic Filters Company, 5032 Sand Lake Drive, Onsted, MI 49265.

Model No.

OPERATING/EXCHANGE INSTRUCTIONS FOR DOULTON STERASYL BACTERIOSTATIC WATER FILTER ELEMENTS

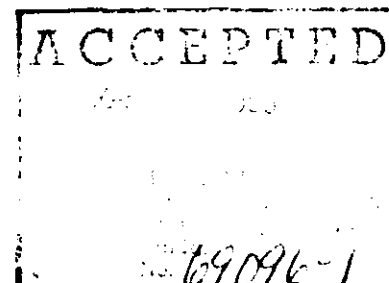
Model No.

EPA Registration No. 69096-1

Manufactured by: Faurey Industrial Ceramics, Ltd.

Cartridge Capacity: 1300 U.S. Gallons (approximately)

Rated Service Flow: 0.8 g.p.m.



1.0 Installation/Replacement

Install or replace the cartridge in the filter in accordance with the instructions provided by the filter manufacturer.

N.B. Ensure that the cartridge seal is made but do not overtighten.

2.0 Conditioning the cartridge

In order to remove any loose particles resulting from the manufacture of the cartridge, the water from the filter should be run to waste for approximately 10 minutes or 10 gallons. Additionally, to allow the filter to be conditioned to the water source, allow the unit to stand unused for a further 24 hours and then run the first gallon of water to waste. The filter is now ready for use.

3.0 General use

The filtered water can now be used for drinking and preparing food. The recommended flow rate should be used to give optimum performance. If the filter has been standing unused for 24 hours, one or two quarts of water should be run to waste to ensure that the water is 'fresh'.

4.0 Cleaning the filter

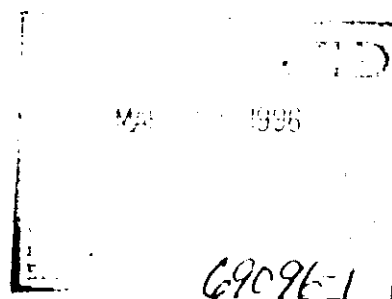
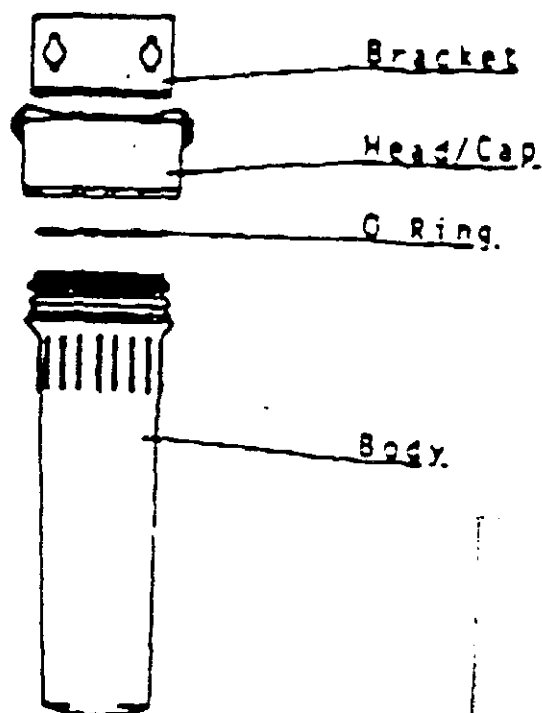
Due to filtration of particulate contaminants from the water during use, the flow of water from the filter may reduce over a period of time. To return the water flow to its normal level, simply remove, clean and replace the cartridge as follows: Remove the cartridge in accordance with the filter housing manufacturer's instructions, taking care at all times not to contaminate the inside of the cartridge or the end of the nipple with unfiltered water or with dirty hands. Take the cartridge to a sink. Hold the ceramic under running water and scour with a stiff brush or nylon kitchen scouring pad. Note: Steel wool, soap or detergents should not be used. The cartridge is now ready for replacement into the filter housing in accordance with the filter housing manufacturer's instructions. Wash hands thoroughly after cleaning the filter.

TYPICAL FILTER HOUSING INSTALLATION INSTRUCTIONS (Page 1 of 3)

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HIP FILTER INSTALLATION AND OPERATING INSTRUCTIONS



EPA Registration No. 69096-1

Manufactured by: Fairey Industrial Ceramics, Ltd.

Model No.

Replacement Elements: Sterasyl Cartridge - Model No.
Carbosyl Cartridge - Model No.

Rated Service Flow/Capacity: See Cartridge Instructions

Maximum Working Pressure: 125 psi

Maximum Working Temperature: 100°F

Note: It is important that local water authority regulations are observed and that all fittings comply with such regulations.

1.0 Installation

1.1 Selecting a position for the filter

The filter should be fixed to a unit or wall with the screws and bracket provided near to the incoming water supply and the user tap/faucet. For easy servicing of the filter, there should be at least 4 inches of clearance below the body of the housing to allow for removal of the cartridge for cleaning or renewal.

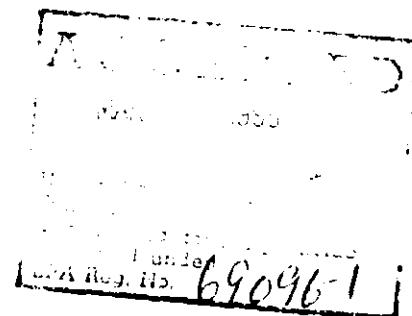
HIP FILTER INSTALLATION AND OPERATING INSTRUCTIONS - cont'd

1.2 Connecting pipework and fittings

The filter is supplied with 10 mm (black head) or 3/8" (grey head) pushfit connections. Medium density polyethylene tubing is recommended.

Important Note: The tubing must conform to the following tolerances:

Head Type (color)	Tubing Dimensions		
	Nominal	+Tolerance	-Tolerance
10mm (black)	10mm	0.05mm	0.10mm
3/8" (grey)	3/8"	0.001"	0.004"



An isolation valve and a non-return valve should be fitted upstream of the filter (required by law in some jurisdictions). The isolation valve may be used to regulate the maximum flow rate in accordance with the requirement of the cartridge used.

Having selected the appropriate fittings, a user valve/faucet should be installed in accordance with the manufacturer's instructions in a convenient position and then connected to the filter.

1.3 Assembling and fixing the filter

Having chosen the position for the water filter (see 1.1 above), mark the position of the bracket fixing screws on your wall/unit. Attach the bracket to the filter cap by using the 3 self-tapping screws provided. Attach the bracket and lid to the wall/unit with the bracket fixing screws. Now, with the water supply isolated, connect the upstream and downstream pipe work to the cap, ensuring that the arrow on the top of the cap is showing the correct direction of flow and that the piping/fittings are pushed into the push fittings to a minimum depth of 3/4" (18 mm).

Place the cartridge washer onto the threaded nipple on the cartridge and screw the thread into the cap until washer resistance is felt. **DO NOT OVERTIGHTEN.**

When the cartridge seal is made, moisten the 'O' ring on the filter body and replace it onto the location groove. The body can now be screwed to the cap. If there is less than 10" clearance below the base of the filter housing, place the filter body in position before screwing the cartridge onto the cap. Hand tighten only.

2.0 Conditioning the filter

The system should now be ready for pressurization. With the user tap/faucet in the 'on' position, gradually open the upstream isolation valve until the flow from the tap has stabilized at the recommended flow rate. Then close the user tap/faucet and ensure that there is no water leaking from the system joints. When the system has

HIP FILTER INSTALLATION AND OPERATING INSTRUCTIONS - cont'd

been confirmed water tight, open the tap/faucet and run the water to waste for a minimum of 10 minutes or 4 gallons. Allow the filter to stand for 24 hours to condition the unit to the source water and then flush a further 1 gallon of water to waste. After carrying out this procedure, the filter is now ready for use.

3.0 Servicing the filter

Cleaning, removal and re-installation/replacement of the cartridge is carried out as follows:

With the upstream isolation valve off, vent the pressure by opening the tap/faucet. Place a bowl under the filter body. Unscrew the filter body, which will be full of water, and lower the body into the bowl. The cartridge can now be unscrewed from the cap and cleaned in accordance with the manufacturer's instructions, or replaced as described in Section 1.3 above. When the cartridge has been re-installed, wipe the filter housing clean and recondition the cartridge for use in accordance with the cartridge manufacturer's instructions. It is important to wash your hands thoroughly after servicing the filter.

