



Contents and colours may vary

### Cartridge Style High Flow Filter Housing

A convenient and easily installed water filter housing that when used in conjunction with the appropriate cartridge can be used for either drinking water or working water applications\*

**Models :** These instructions apply to the following two models:

1. Model No. HF76
2. Model No. HF97

## Introduction

Thank you for purchasing a BWT filter housing. For your safety, the following instructions should be adhered to when installing, replacing or undertaking any maintenance to the unit. If you are unsure or have any questions regarding installation, please contact BWT's technical helpline on 01494 838 100.

## Contents

The filter housing is supplied without a filter cartridge. Customers are advised to select the most appropriate cartridge for their needs from the BWT range of cartridges available from all good plumbing merchants.

Includes:

- 1 x high flow filter housing
- 1 x high flow filter wrench
- 1 x high flow filter bracket
- 4 x bolts for filter bracket
- 2 x 1" BSP PVC nipples

## Section 1 : Preparation for installation

***This product should only be installed on a water supply approved for drinking. Protect your installation from freezing .***

Ensure the area in which you are to work is safe and clear of obstacles

Switch off the water to the area you will be working in and release any residual pressure in the system by opening a suitable tap

NOTE! Always leave a sufficient gap underneath the filter housing for a container to catch any excess water when changing the cartridges. Allow sufficient clearance underneath housing to facilitate future cartridge changes.

\*Always comply with your local water and building regulations

Max working pressure 8 BAR.

## Section 2: Filter Housing Assembly and Installation

1. Select a suitable position for the filter housing and affix the mounting bracket supplied to the top of the filter head assembly.
2. Remove the filter bowl using the wrench supplied and place to one side
3. Position the completed assembly in your chosen location and mark the position for the wall bracket and any pipework that may need to be cut.
4. Remove assembly and drill any pilot holes as necessary.
5. Cut and remove any pipework as necessary to allow for the assembly to be fitted. Please take care to make an allowance for any fittings you are likely to use.
6. Screw or bolt the filter head assembly in place.
7. Attach the inlet and outlet pipework using appropriate fittings. Care should be taken not to overtighten.  
Note: **Pipe work must be adequately supported on both sides of the filter**
8. Ensuring your hands are clean, remove the cartridge from inside its primary packaging and remove any protective covering from around the filter itself. Handling the filter with care, place the filter cartridge inside the filter housing bowl and re-attach the filter bowl to the filter head, tighten the bowl using the wrench provided to ensure a water tight seal.
9. Depending on the cartridge chosen it may be necessary to run the system to drain for several minutes prior to putting the system into service - Please follow the instructions provided with your filter.
10. Check assembly for leaks before leaving.

Note: It is advisable to fit isolation valves either side of the installation to aid maintenance



Please ensure the water is turned off and any pressure has been released before starting work

### Contact

### Europe's No. 1 in Water Technology

#### **BWT UK Limited**

BWT House, The Gateway Centre,  
Coronation Road, High Wycombe,  
Buckinghamshire, HP12 3SU  
Tel: 01494 838100  
Email: [Enquires@bwt-uk.co.uk](mailto:Enquires@bwt-uk.co.uk)

BWT 2016. In the interests of product development, we reserve the right to alter specifications without prior notice. All photographs and dimensions are given for guidance only. Terms and conditions apply. E&OE.



## HF76, HF76-1.5, HF97, HF97-1.5 FILTER HOUSINGS

### INSTALLATION

Fit on cold water lines only and in accordance with local bylaws and regulations. Protect from freezing. The maximum flow rate shows the flow through an empty housing. The flow will decrease according to the type of cartridge installed and the water pressure is dependent on the quality of the incoming water and may rise to 28 psi (2BAR), at which stage the cartridge becomes blocked. To comply with water regulations a single check valve or some other no less effective backflow prevention device should be fitted on the feed pipe to the unit.

### SPECIFICATIONS

	<b><u>HF76 &amp; HF76 - 1.5</u></b>	<b><u>HF97 &amp; HF97 - 1.5</u></b>
Max flow:-	1.27 lps (76 lpm)	1.62 lps (97 lpm)
Max pressure:-	8 BAR	8 BAR
Max water temp:-	27°C Water, 30°C Ambient	27°C Water, 30°C Ambient
Diameter:-	182 mm	182 mm
Height:-	350 mm	610 mm
Inlet/ Outlet:-	1" or 1.5" BSP female thread	1" or 1.5" BSP female thread
Materials:-	Head and Bowl; Polypropylene seals; EDPM rubber	Head and Bowl; Polypropylene seals; EDPM rubber
Colour:-	Blue	Blue
Filters:-	10" nominal length	20" nominal length (or 2 x 10")
Includes:-	Built in pressure relief valve Metal fixing bracket Bowl wrench	Built in pressure relief valve Metal fixing bracket Bowl wrench



**BWT UK Limited**  
**BWT House, The Gateway Centre,**  
**Coronation Road, High Wycombe,**  
**Buckinghamshire. HP12 3SU**  
**Tel: 01494 838100**  
**Fax: 01494 838101**  
**Email: [enquiries@bwt-uk.co.uk](mailto:enquiries@bwt-uk.co.uk)**  
**[www.bwt-uk.co.uk](http://www.bwt-uk.co.uk)**

BWT endeavour to ensure that the information in this document is correct and fairly stated, but does not accept liability for any error or omission. The development of BWT and Liff products is continuous and published information may be out of date. Please check with BWT UK for final specifications