

Check for compliance with state and local laws and regulations. Product performance is dependant upon incoming water conditions. This drinking water system must be maintained according to the manufacturer's instructions, including replacement of cartridge.



AS3497
Lic. WMKA22045
IAPMO R&T OCEANA

This appliance meets the domestic water treatment appliance Standards AS/NZS3497 for the following water treatment processes:

CLASS	TREATMENT TYPE	FUNCTION	PASS
I.	Microbiological Status Bacteriostatic	Will stop bacteria increasing but will not stop them unless IIa is passed.	N/A
II.	II (a) Microbiological Treatment Bacteria Removal	Will remove or inactivate bacteria.	N/A
	II (b) Virus Removal	Will remove or inactivate virus.	N/A
	III (c) Protozoa Removal	Will remove or inactivate Cryptosporidium and Giardia. Will not remove or inactivate bacteria and virus unless II(a) and II(b) is passed.	✓
III.	Turbidity and Particulate Reduction	Reduces Cloudiness	✓
IV.	Taste and Odour Reduction	Reduces Tastes and Odours	✓
V.	Chemical Treatment	Decreases carbon chemicals Lead pH 6.5, Lead pH 8.5 and Chlorine	✓

WARNING: FOR CORRECT OPERATION OF THIS APPLIANCE IT IS ESSENTIAL TO OBSERVE THE MANUFACTURER'S INSTRUCTIONS.

Water Filters AUSTRALIA



Thank you for purchasing a Water Filters Australia HiFlow commercial grade half micron In-Line Water Filtration System.

With your WFA HiFlow In-Line system, you get premium quality filtered water direct from your cold water tap that's clean, great tasting, healthy and convenient for you and your family.

Water Filters AUSTRALIA



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Model No.
WFA-HiFlow



Performance Data



WFA HIFLOW INLINE MAINS WATER FILTER SYSTEM

Model No. WFA HIFLOW

Important Notice:

Read this performance data sheet and compare the capabilities of this unit with your actual water treatment needs.

FEATURES:

- Finely polishes treated water to premium quality for drinking and cooking.
- Reduces chlorine taste and odour.
- Reduces dirt, rust, asbestos fibres and other particulates such as oxidized iron, manganese, and sulphides.
- Reduces parasitic protozoan cysts such as *Giardia*, *Entamoeba* and *Cryptosporidium*.
- Absorbs common earthy, mouldy, fishy tastes and odours.
- Reduces limescale build up in water using appliances.

HEALTH CLAIM PERFORMANCE CLASSIFIED BY UL.

This system has been tested according to NSF/ANSI 42 and 53 for the reduction of the substances listed below

The concentration of the indicated substances in water entering the system was reduced to a concentration less than or equal to the permissible limit for water leaving the system, as specified in NSF/ANSI 42 and 53

Substance	Influent Challenge Concentration	Max. Permissible Product Water Concentration	Reduction Requirements	Minimum Reduction	Average Requirements
Standard 42 - Aesthetic Effects					
Chlorine	2.0 mg/L ± 10%		≥50%		98%
Particulate Class 1 particles 0.5 to < 1 um	at least 10,000 particles/mL		≥ 85%		99.8%
Standard 53 - Health Effects					
Cyst	Minimum 50,000/L		99.95%	99.99%	99.99%
Lead 8.5	0.15 mg/L ± 10%	0.010 mg/L		94.1%	97.2%
Lead 6.5	0.15 mg/L ± 10%	0.010 mg/L		98.9%	98.9%
Turbidity	11 ± 1 NTU ¹	0.5 NTU 1		98%	99%

¹ NTU= Nephelometric Turbidity Units.

OPERATING SPECIFICATIONS:

- Capacity: 11,355 litres
- Pressure Requirement: 10-125 psi (0.7 - 8.6 bar), non-shock.
- Temperature: 2-38°C
- Flow Rate: 8.3 litres per minute.

GENERAL INSTALLATION / OPERATION/MAINTENANCE REQUIREMENTS:

- Space required: 51cm x 13cm including 6cm of clear space for cartridge change.
- Install vertically or horizontally with stabilizing support bracket
- Flush new cartridge at full flow for 3 to 5 minutes until air is purged.
- Replace cartridges when capacity is reached, or when flow becomes too slow, but at least annually.

SPECIAL NOTICES:

- Installation instructions, parts and service availability, and standard warranty are included with the product when shipped.
- This drinking water system must be maintained according to manufacturer's instructions, including replacement of filter cartridges.
- Do not use with water that is microbiologically unsafe, or of unknown quality without adequate disinfection before or after the system. Systems certified for cyst reduction may be used on disinfected waters that may contain filterable cysts.
- The contaminants or other substances removed or reduced by the water treatment system are not necessarily in your water.
- Check for compliance with state and local laws and regulations.
- Tested under sustained standard laboratory conditions, actual performance may vary.

INSTALLATION INSTRUCTIONS

1. Open Carton and Inspect Parts. Installation Parts included – refer installation diagram Item No.

QL2 Filter Head with Mounting Bracket	1
WFA HiFlow Filter Cartridge	2
Mounting Screws	3
Dual Check Valve	4
Chrome Hex Adaptor 1/2" female to 1/2" male	4a
Pex Hose 550mm – 1/2" female to 3/8" male	5
Brass Hex Nipple 3/8" male to 1/2" male	6
Horizontal Stabilizing Bracket	7
Filter Monitor Alarm	8
Plumbing Tape	9

2. Ensure that the cold water at mains supply is turned off

Where an existing tap and connections are already installed - after you have turned off the mains cold water at the mini cistern tap, open the kitchen / mixer tap and release any water pressure.

Unscrew the braided flex hose from the existing cold water line mini cistern tap or isolation valve. Clean the 1/2" male water connection thread.

3. Undersink Mounting Position

As you will note from the associated diagram, the WFA HiFlow filter system can be installed in either the horizontal or vertical position.

a) *Vertical Installation*

Measure 51 cm from the base of the cabinet (or shelf), and mark the mounting location for the top of the filter head. Make sure that there is adequate space to avoid crimping the water line flex hoses. Also make sure your chosen location offers easy access for future cartridge changes.

b) *Horizontal Position* Measure 51 cm horizontally, and mark the mounting location for the side of the filter head and end of the filter cartridge. Make sure that there is adequate space to avoid crimping the water line flex hoses. Also make sure your chosen location offers easy access for future cartridge changes and installation of the stabilizing support bracket. (item 7).

4. Important - Changing the inlet and outlet on the filter head. You will notice that at the top of the Head Assembly (item 1) there is an arrow that indicates the direction of flow into and out of the filter head. In some instances, to ensure an easier installation, it may be appropriate to have the inlet side on the right of the head assembly as opposed to the left hand side which is provided as standard. This can be easily done by removing the four (4) screws on the top of the head assembly, turn the head around the opposite way and replace the screws ensuring a tight fit. This allows flexibility when choosing your desired install location.

a) Apply plumbing tape (item 9) to the Pex Hose 3/8" male connection (item 5). Wrap tape in direction of the thread to ensure a tight fit and avoid leaks. Screw this connection to the inlet side of the filter head. You will notice an arrow on the top of the filter head (item 1) which shows direction of water flow.

b) Apply plumbing tape to the Brass Hex Nipple (item 6) both sides. Wrap tape in direction of the thread to ensure a tight fit and avoid leaks. Screw this connection to the outlet side of the filter head (item 1).

c) Securely mount the Filter Head Assembly (item 1) on the cabinet wall using two of the mounting screws (item 3) provided. The filter head will be installed vertically or horizontally depending upon your desired location.

5. Connect Dual Check Valve – (item 4) IMPORTANT – It is a legal requirement under Australian Plumbing Standards that the Dual Check Valve be installed. If this part is not installed all warranties are null and void.

a) Apply plumbing tape (item 9) to the 1/2" male water connection cistern tap fitting before screwing on the dual check valve (item 4).

b) Also apply plumbing tape (item 9) to the 1/2" male connection on the outlet of the dual check valve. Wrap tape in direction of the threads to ensure a tight fit and avoid leaks.

c) **Please note that the following part (Item 4a) must be connected to the male end of the dual check valve (Item 4), otherwise water flow will be severely restricted.** Take the 1/2" female to 1/2" male chrome hex adaptor (item 4a) and screw the female end to the dual check valve (item 4). Apply plumbing tape to the 1/2" male end of the chrome hex adaptor (item 4a).

6. Attach Flex Hose (item 5)

Connect the 1/2" female end of the Pex Hose (item 5) - to the 1/2" male end of the chrome hex adaptor (item 4a) as shown in diagram.

7. Attach Filtered Water to Cold Water Line of Kitchen Tap

Take the braided flex hose that is attached to the kitchen tap. Having applied plumbers tape to the 1/2" male hex nipple (item 6) – screw the 1/2" female end of the braided flex hose onto the nipple (outlet side of filter head).

8. For Horizontal Installations – Install Support Bracket (item 7)

Where the system is installed horizontally the unit requires support at the base of the filter cartridge with the Stabilizing Bracket (item 7). Locate the bracket (item 7) in a position that allows three important functions;

a) Firstly, the bracket needs to be located so that the filter cartridge can be removed when it is replaced. Suggested location is at the base of the filter cartridge.

b) The bracket must be level with the filter head – so that the filter cartridge sits in a level horizontal position.

c) Finally, the bracket needs to be screwed into the cabinet using the two remaining mounting screws (item 3) and set in a manner whereby the bottom of the bracket supports the water filled filter cartridge horizontally.

9. Install Filter Cartridge (item 2)

a) Hold filter head (item 1) firmly with one hand.
b) Align cartridge lug with label on filter head.
c) Insert filter cartridge (item 2) and push into filter head assembly (item 1).
d) Turn it to the right (about 1/4 turn) until it stops.

10. Flush the Filter Cartridge

- Turn mains water supply back on at mini cistern tap.
- At this stage check for leaks and fix if necessary
- Turn kitchen tap on and flush the filter cartridge for at least 3 minutes. Collect water in container and use for garden etc.

NOTE – Flushing the filter cartridge is important to remove air from the system and any loose carbon. At first the water may appear cloudy due to compressed trapped air in the filter and hoses. However the cloudiness will disappear over time and with use.

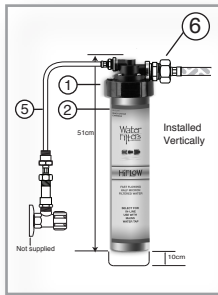
11. Installing the Filter Monitor Alarm (item 8)

The filter monitor alarm (item 8) is supplied to assist you with knowing when it is time to replace your filter cartridge. Regular annual cartridge replacement ensures that your filter system is maintained in accordance with the manufacturers recommendations.

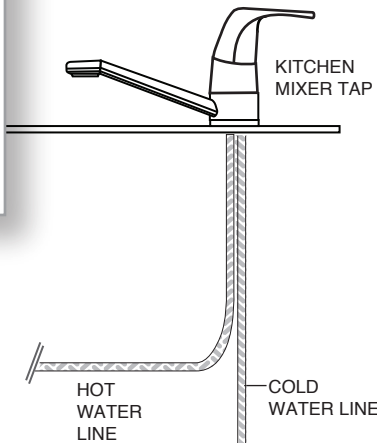
- Remove double sided tape and plastic wrapper from monitor.
- On the back of the monitor - pull the tab back.
- The LED and buzzer will cycle 3 times to confirm the start.
- It is programmed to flash and sound again in 11 months.
- Remove the two adhesive tapes from the back of the monitor and locate/mount in a convenient location under your kitchen sink.

NOTES

- This installation must comply with all applicable state and local regulations.**
- Do not use with water that is microbiologically unsafe or of an unknown quality without disinfection before or after the system.**
- When storing filtered water in a refrigerator please ensure the container has an air tight seal / lid.**



INSTALLATION DIAGRAM

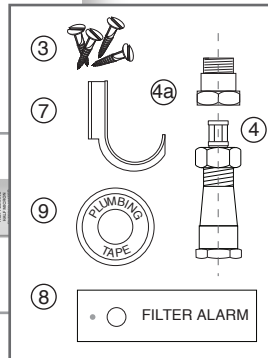


TOOLS REQUIRED FOR INSTALLATION

- Philips Head Screwdriver
- Adjustable Wrench
- Tape Measure
- Pencil



or INSTALL HORIZONTALLY



PRODUCT SPECIFICATION

- Usage: For cold water only.
- Temperature Range: 2-38°C
- Min.-Max. Working Pressure: 10-125 psi (0.7-8.6 bar)
- Service Flow Rate: 8.3 Litres per minute
- Capacity: 11,355 litres
- Micron Rating: Half (0.5) micron
- Removes/Reduces: Chlorine, cysts, lead, giardia, cryptosporidium, bad taste and odours, limescale and all particles down to half micron in size.
- Filter Change: Annually or sooner if flow rate becomes inconveniently slow.
- This filter does not remove fluoride.

- The unit has not been installed in accordance with WFA's printed instructions and has not been installed in compliance with all applicable laws, regulations and industry standards;
- The unit has not been used in accordance with the manufacturers instructions;
- The unit does not meet the conditions for use described in the owners manual or performance data sheet for this unit
- You use accessories or components which do not meet WFA's specifications as set out in the Owners Manual;
- The defect, fault or failure is due to normal wear and tear;
- The defect, fault or failure has occurred where the unit has been used reasonably or has reached its serviceable life;
- The serial or model number label of the unit is removed or defaced;
- The unit is serviced, modified, altered or repaired by an unauthorized or unqualified person;

How to make a claim under this warranty:

To make a claim under this warranty you must contact WFA within 21 days of the defect, fault or failure occurring.

WFA Warranty Contact number is 1300 785 355. At the time of repair or replacement under your warranty claim you must provide to WFA:

- Proof that you purchased the unit from an authorized retailer or dealer within the warranty time; and
- A copy of a certificate which certifies that the unit was installed in compliance with our printed installation instructions and all applicable laws, regulations and industry standards. WFA will only pay for repair or replacement upon receipt of proof of your purchase showing the date of purchase.

Limitation of Liability of WFA under this warranty:

Where a warranty exists or is implied by law, WFA's liability is limited (to the extent that it can be limited) to repair or replacement of the faulty Replaceable Element or the unit or an equivalent unit. WFA may, in its discretion, choose whether it shall repair or replace any unit or Replaceable Element or WFA may choose to pay to you the cost of replacing the Replaceable Element or the unit or the cost of having the unit repaired.

To the extent permitted by law, WFA assumes no liability whatsoever and disclaims all liability for direct, indirect or consequential loss, or special, general or other damage or expense caused by or arising out of:

- Any failure to install or use the unit in accordance with the Manufacturers Instructions, the Installation and Operating manual or WFA's printed instructions; or
- The purpose for which you are purchasing the unit.

You acknowledge that the quality of water supplied and your water usage rate and influent water pressure may vary seasonally or over a period of time. In addition to this water characteristics can differ if the unit is relocated or the environment changes.

You acknowledge that WFA does not know your requirements and cannot and does not warrant that the unit is fit for the purpose for which you intend to use the

unit or is appropriate for the purpose for which you intend to use the unit.

WFA does not authorize others to assume any obligation on its behalf even if you inform them of the purpose for which you intend to use this unit.

WARNING WFA does not recommend making alterations to your existing plumbing to accommodate this filter system. If you wish to modify existing plumbing you must comply with AS 3500 and use a licensed plumber. Where internal water pressure exceeds 1000 kPa a Watermark approved Pressure Limiting Valve must be installed prior to the filter system.

WARNING The contaminants or other substances removed or reduced by this water treatment system are not necessarily in your water supply. Do not use with water that is microbiologically unsafe or of an unknown quality without disinfection before or after the system.

IMPORTANT This filter is designed to be used with mains/city water supplies. If the incoming water is from a water tank or bore, install a suitable prefilter prior to this filter system to prolong filter cartridge life.

CAUTION Safely isolate the water supply prior to installing the filter system to avoid injury and property damage.

IMPORTANT NOTICE The WFA HiFlow system filters water down to half a micron. The filter's very fine mechanical and chemical filtering process removes chlorine, dirt, cysts and many other potential contaminants. When water is filtered so finely it can absorb part of everything it comes into contact with. This can cause taste and odour issues.

Accordingly, you may find that with new kitchen tapware the braided flex hose supplied with the new kitchen tap has a rubber internal. This rubber internal may, in some instances, cause taste and odour issues when the filtered water first comes into contact with the hose.

Should this occur then flush the filtered water through the hose over a period of time to remove taste and odour issues.

If this does not solve the issue please contact the WFA Customer Service Centre on 1300 785 355. WFA's distributors have available to purchase, a replacement hose, with a special food grade internal, to resolve the taste or odour issue.

WARRANTY

Product Specifications: The unit must only be used for a portable water source and with cold water (with a temperature range between 2 and 38°C).

WFA and Everpure Inc. warrants to you, the first person who has purchased and used the unit ("you") that this unit is free from defects due to faulty material and workmanship in accordance with the conditions set out in this document. This warranty is provided to you in addition to your rights at law, including but not limited to your rights under the Trade Practices Act 1074 (Cth) and applicable legislation in your Australian State or Territory.

What this warranty covers:

This warranty covers defects due to faulty material and workmanship of the unit supplied to you:

- For a period of 5 years from the date of purchase in respect of the entire unit, excluding the Replaceable Elements. The Replaceable Elements are consumable

components and all parts of the unit which can be replaced including but not limited to the filter or water treatment cartridge if there is a defect in the filter or cartridge. This does not include the replacement of the filter or cartridge to extend the life of the filter or cartridge. The life of the filter cartridge is affected by water quality, usage and water pressure. The warranty only extends to the original purchaser of the unit.

What this warranty does not cover:

This warranty does not cover the unit or a Replaceable Element of the unit where:

- The defect, fault or failure is attributable, or substantially attributable to misuse, abuse, accident, misapplication, neglect, freezing, oxidizing agents (including but not limited to chlorine, ozone, chloramines and other related components) or act of God;
- The unit has been in conditions which do not conform to the recommended design guidelines or has been operated in a manner which is contrary to WFA's printed instructions;