

AQUA BLUE H₂O®
PREMIUM WATER FILTER

AB HIFLOW COMPLETE

High Flow Inline Water Filter System

TRANSFORMS YOUR
EXISTING MIXER TAP
INTO A FILTER TAP

PURE WATER ON TAP

An innovative inline filter system, AB Hiflow Complete filters all cold water going to your tap inline and under your sink.



User Guide

For correct operation & installation it is essential to observe these instructions.

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AQUA BLUE H2O Customer Service

Thank you for purchasing a AQUA BLUE H2O AB Hiflow Complete system. Your system is a proven performer manufactured from only quality material and components and will give years of 'spring fresh' water, if maintained properly. This cartridges need replacing regularly to maintain optimum performance. This is a simple procedure when following instructions. For cartridge replacements contact our customer service.

Customer Service Helpline 1300 767 072 (Australia)

Operation

AB Hiflow Complete system is designed to run economically for many years and this is dependant on the initial installation and periodical maintenance. Flush systems for 10 minutes after any period of non-use more than 2 days. The AQUA BLUE H2O AB Hiflow Complete system is designed to operate with mains water.

Cartridge Replacement

To maintain the high quality of the purified water the cartridges need changing every 6 months (this is dependant on water quality and usage). You can obtain replacement cartridges from our customer service.

To maintain performance standards and warranty, use only AQUA BLUE H2O replacements.

Order the AQUA BLUE H2O **AB Hiflow Complete** for a replacement cartridge to suit your Hiflow system.

Installation

This Hiflow system comes complete with an installation kit enabling it to be connected to 15mm(1/2") male thread to an existing tap or mixer tap (Cold supply only – hot water should be filtered prior to heating).

Also includes extending kit, where extra length is required.

Installation requirements

1. 15mm (1/2") Cold water flexi-connector to tap.
2. Water supply pressure: 200-860 kPa.
3. Water supply temperature: 2-38 °C

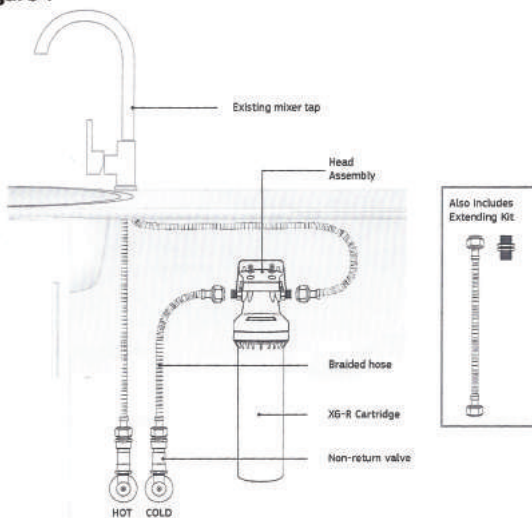
Alternative fittings may be required if being connected to anything other than 15mm (1/2") copper pipe. No electrical or drainage requirements needed.

Installation Procedure

1. Select suitable location that is close to the existing tap.
Remember to allow access room for changing filter and a suitable place where spillage will not cause damage. Location should not be in direct sunlight.
2. Isolate water supply and release water pressure by operating faucet lever. Disconnect existing braided hose connections.
3. Attach non-return valve to water supply with Teflon tape, then attach chrome adaptor onto non-return valve with Teflon tape.
4. Install AB Hiflow cartridge to the head assembly (see fig.1).
Please note arrow on cartridge.

5. Install system assembly by positioning it in the desired location, marking the position of fixing holes and fixing with mounting screws. (AB Hiflow Complete can be mounted horizontally and vertically) Allow room for connecting tubes and for removing the cartridge (70mm).
6. Connect the braided hose onto chrome adaptor, then connect to the filter head assembly inlet. Ensure the hose is kink free.
7. Connect original braided hose attached to tap onto the head assembly outlet. Make sure all fittings are tight and braided hose is kink free.
8. Restore the water supply and check for leaks. If they leak then undo cartridge and check the cartridge is seated properly.
9. Run the system for at least 10 minutes (turn on mixer tap to run cold water) to remove carbon will clear after a short period.

Figure 1



Cartridge Changeout

1. Place container under filter in case of drips.
2. Isolate water supply and release water pressure by operating faucet level.
3. Unscrew AB Hiflow Complete cartridge in a clock-wise direction.
Discard old cartridge.
4. Take off red cap from the new cartridge. Twist new cartridge into head until firmly seated. Please note arrow on cartridge to indicate this.
5. Restore water supply.
6. Check for any leaks, rectify them if any, before leaving the unit.

After installing cartridge flush unit for 5 – 10 minutes.

Use Guidelines

- Only use for mains water supply.
- Minimum operating pressure 200 kPa.
- Maximum operating pressure 860 kPa.
- Do not allow exposure to temperatures below 4°C.
- Maximum operating temperature 38°C.
- Nominal flow rate 8 Lpm.
- This system must be installed according to local plumbing codes on the cold water line only.
- Replacement Cartridges: See Cartridge Changeout section
- This system requires regular replacement of the filter cartridge to maintain proper operation. Varying chlorine, sediment, or organic substance levels may affect replacement frequency.
- Be sure to change the filter cartridge at least every 37,500 litres or 6 months whichever ever occurs first; or whenever you detect a change in taste, odour, or decrease in flow.

Caution: Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

Performance Data

Substance	Guidelines*	Average Influent Concentration	Max Effluent Concentration	Min Percent Removal	Average Effluent Concentration	Average Percent Removal
NSF Standard 42 Drinking Water Treatment Units						
Chlorine (56,775 L)	5 - Health 0.6 - Aesthetic	2.1	0.3	50%	0.25	>94%
Standard 53 Cyst Live Cryptosporidium POU/POE						
Cyst	<1	130,000	ND (1)	99.97% +	ND (1)	99.99%

Test Parameters	
Hardness, Total mg/L	140
TDS mg/L	330
Temp deg C	20
Turbidity NTU	ND (0.1)
pH	7.61

*Australian Drinking Water Guidelines - 1996
ND = Not Detected

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	Will stop bacteria increasing, but will not remove them unless II(a) is passed	N/A
	Bacteriostatic		
II	Microbiological Treatment		
II (a)	Bacteria Removal	Will remove or inactivate bacteria	N/A
II (b)	Virus Removal	Will remove or inactivate virus	N/A
II (c)	Protozoa Removal	Will remove or inactivate Cryptosporidium and Giardia, but will not remove or inactivate bacteria and viruses unless II(a) and II(b) is passed	YES
III	Turbidity & Particulate Reduction	Reduces cloudiness	YES
IV	Taste & Odour Reduction	Reduces taste & odours	YES
V	Chemical Treatment	Decreases chlorine	YES

Notes

AQUA BLUE H₂O care products are designed, manufactured and supported by Mexitrading Pty Ltd the name you can trust for viable and proven water solutions. The complete range of AQUA BLUE H₂O products are developed, refined, made to meet and exceed stringent specifications for the worldwide market.

Important: Sales of products are subject to our Terms and Conditions which are available upon request. All specifications, information and photos are a guide only and are subject to change without notice.

Please ring to confirm details.

Warning: For correct operation of this appliance it is essential to observe manufacturer's instructions.

Warranty

To make a claim under the warranty, take the product and proof of purchase to place where you purchased the product, and they will lodge a Warranty Request with AQUA BLUE H₂O

AQUA BLUE H₂O will pay your reasonable, direct expenses of claiming under this warranty. You may submit details and proof of your expense claim to place of purchase for consideration.

The warranty only applies if the product was used and/or installed in accordance with the user guide and/or installation instructions.

This warranty is given in lieu of all other express or implied warranties and manufacturer shall in no circumstance be held liable for damages consequential or otherwise or delays caused or faulty manufacturing except as excluded by law.

Applicable to all above, is that the Warranties need to be approved by AQUA BLUE H₂O to ensure product was not incorrectly used, installed or claimed. False and incorrect claims will be pursued at AQUA BLUE H₂O's discretion, including chargeable inspection and labour costs incurred.

Warranty /Australia

This warranty is given by Mexitrading Pty Ltd, ABN 82 153 179 287, 4/10-18 Ocean Street, Banksmeadow NSW 2019, Australia

Telephone **1300 767 072** and email at sales@waterfilterforfridge.com.au