



DELUXE COLLECTION

Full Flow Water Filtration System

AQP-FKW

Congratulations on your purchase of an Aquaport Water Filtration System

The Full Flow Water Filtration System connects directly to an existing faucet.
It filters all cold water from the tap and eliminates the need for a specialised filter tap.

**Note: Please read through the instructions carefully before using or installing the product and ensure that the manual is kept in a safe place for future reference.
The system must be properly installed and located in accordance with the installation instructions before it is used.**

**During the set up of this product if you have any questions / comments / issues DO NOT RETURN TO STORE.
For service and technical advice on this product, free call 1300 764 325.**

Register your warranty online at www.aquaport.com.au/warranty

CUSTOMER HOTLINE: 1300 764 325

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AS/NZS 3497
License Number:
WMKA22062
IAPMO R&T Oceana

WATER QUALITY

Caution: Do not use with water that is microbiologically unsafe or with water of unknown quality without adequate disinfection before or after the system. Systems certified for cyst reduction may be used on disinfected water that may contain filterable cysts. This unit should only be used with water that has been adequately chlorinated or disinfected. For use with ambient water only.

System Specifications	Full Flow Water Filtration System
Flow Rate	Up to 4.7L/pm
Working Pressure	207 ~ 862kPa
Temperature	1 ~ 38 °C
Service Life	12 months
Capacity	10,000L
Flushing	5 minutes

If the Aquaport water filter system has not been used for over 48 hours, 1 to 2 litres of water will need to be flushed through the system before the water is used.

The Aquaport water system has a maximum and minimum water supply pressure limits. The water supply pressure must not exceed the maximum and minimum water supply pressure limits specified in the Systems Specifications for your system.

Where water pressure exceeds maximum recommended working pressure a WaterMarked approved Pressure Limiting Valve must be installed prior to the filter system.

FILTER REPLACEMENT INTERVALS

It is recommended that the filter cartridge is replaced within 12 months or 10,000 litres whichever occurs first.

Register online at www.aquaport.com.au

Dependent on water quality and the volume of water being filtered, the life and performance of a cartridge may vary. If you notice a reduction in volume or flow from the filter faucet, or return of an unpleasant taste/odour to the filtered water, the filter cartridge(s) will need replacing.

Note: Use only original Aquaport cartridges suitable for this appliance, otherwise warranty will be void.

SAFETY PRECAUTIONS

Warning: It is essential that these Installation and Operating Instructions be strictly observed, for correct operation of this appliance. We recommend a qualified licensed plumber install the system, who is prepared to guarantee their workmanship. Prior to installation, check for any existing State or Local Plumbing Codes, to ensure installation is compliant.

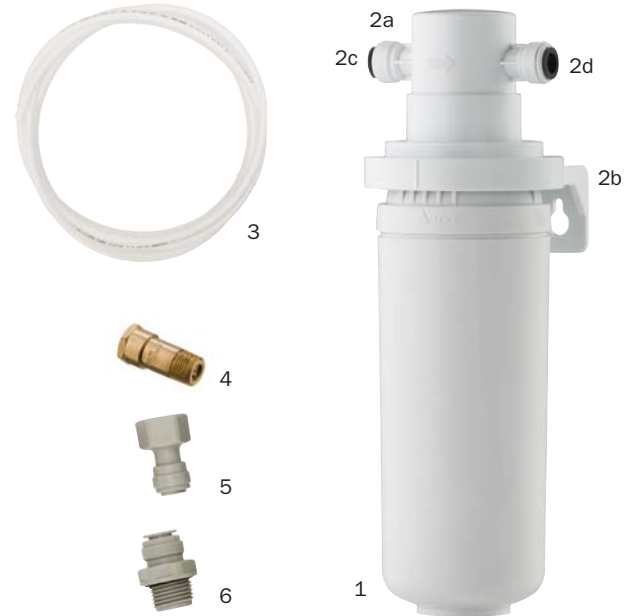
INSTALLATION INSTRUCTIONS

A. Component identification and content check list:

Model AQP-FKW Full Flow Water Filtration System

Ref	Description	Qty
Cartridges		
1	Carbon Filter	1
Assembly Head		
2a	Filter head	1
2b	Mounting Bracket	1
2c	3/8" quick connect inlet	1
2d	3/8" quick connect outlet	1
Other Components		
3	3/8" Tubing x 2 metres	1
4	Brass Dual Check Valve	1
5	Female 1/2" thread to 3/8" push in fitting	1
6	3/8" push in fitting to male 1/2" thread fitting	1
*	Screws for mounting bracket	2

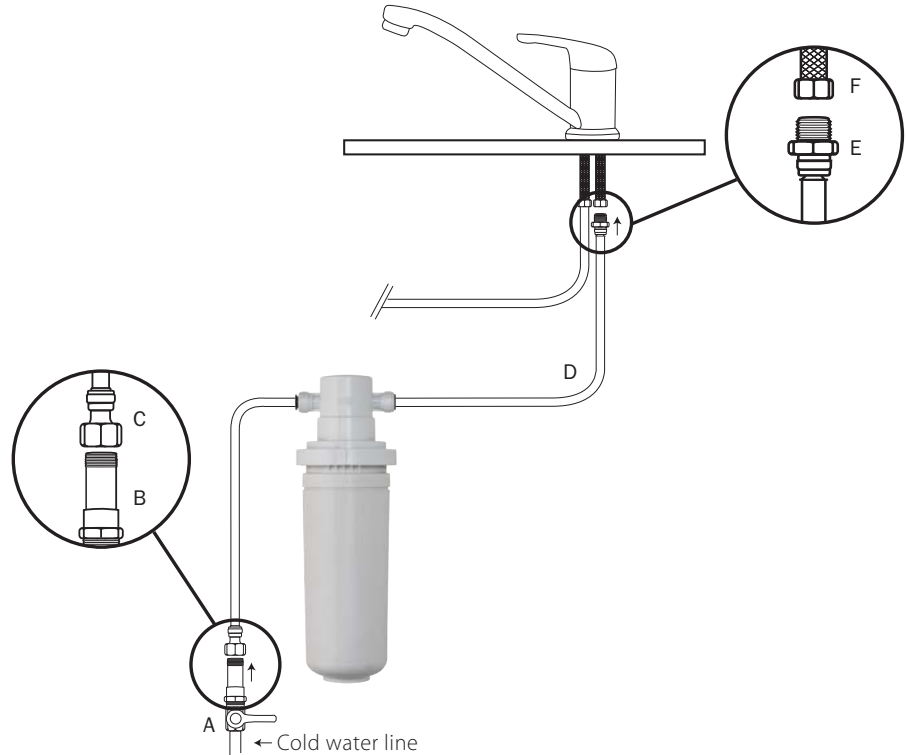
*not shown



NOTE: Filter head (2a) will come with small plugs in the inlet (2c)/outlet (2b), to protect the system during shipping. These plugs are to be removed before installation.

Typical Installation Diagram

- A. Cold Mains Water Isolation Outlet.
- B. Brass Dual Check Valve
- C. Female 1/2" thread to 3/8" push in fitting
- D. 3/8" tubing
- E. 3/8" push in fitting to male 1/2" thread fitting
- F. Cold Water Flexible Line To Cold Tap Outlet.



WARNING: Where water pressure exceeds maximum recommended working pressure a WaterMarked approved Pressure Limiting Valve must be installed prior to the filter system.

INSTALLATION GUIDE

Preferred installation utilising existing water supply and flexible cold water hose is shown on Page 3.

Note: Plumbing connections may vary, please consult a qualified plumber for correct installation method for your home.

1. Water Supply Installation

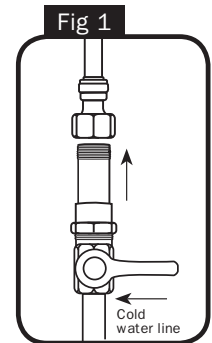
- a) Locate cold tap water pipe and turn water supply off at the isolation tap. If no isolation tap is available, turn water off at the meter. Turn on tap at sink to ensure water is turned off and to drain the pipe.
- b) Remove the flexible cold water hose that connects the cold water faucet to the cold mains connection. Some water may spill out.
- c) Wrap plumbing tape around cold water stud in a clockwise direction.

Note: Do not apply plumbing tape in a counter clockwise direction, it releases the plumbing tape and leaks may occur.

- d) Hand tighten the brass dual check valve (4) to the mains cold water stud (please see Fig 1). Water flow should be in the direction of the arrow on dual check valve. Finish tightening with an adjustable wrench. Be careful not to over tighten, as cross threading and leaking can occur.

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.

- e) Wrap plumbing tape around male thread of brass dual check valve (4) in a clockwise direction.
- f) Hand tighten the Female 1/2" thread to 3/8" push in fitting (5) to the male thread of brass dual check valve (4).
- g) Wrap plumbing tape around the male thread of the 3/8" push in fitting to male 1/2" thread fitting (6) in a clockwise direction.
- h) Hand tighten the 3/8" push in fitting to male 1/2" thread fitting (6) onto the female thread of the existing cold water flexible hose connected to the tap.



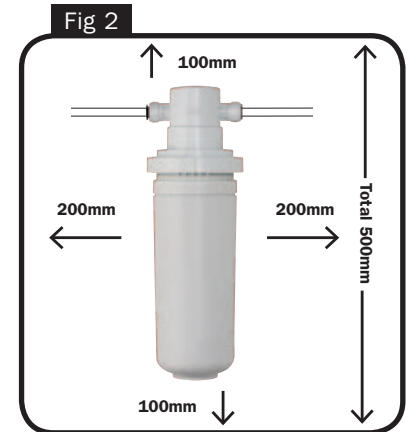
2. Mounting Filtration System

- a) Pick a location under the sink to mount the system. Location should be easily accessible, with clearance at the top and bottom of the filter, to allow ease of removal of filter cartridge. Please ensure there is enough space on either side of the system for the tubing connections. See Fig 2.

WARNING: On the Filter Head (2a) there is an arrow that indicates the direction of water flow into and out of the filter head. When you mount the filter you must ensure that the water flow will run in the direction of the arrow.

- b). Rotate the filter cartridge (1) towards the left by a 1/4 turn and pull filter down.
- c). Check to ensure that mounting bracket (2b) is attached to filter head (2a).
- d). Mark location of fixing holes, and fix unit to cupboard with mounting screws provided. Note: Remember to allow approximately 100mm above and below and 200mm on the sides of the filter cartridge to allow ease of filter cartridge change.
- e). Insert filter cartridge (1) back into the filter head (2a) and rotate towards the right a 1/4 turn to lock filter back into place. Ensure that the 'LOCK' arrow located in the middle of the filter cartridge corresponds with the downward arrow on the filter head.

Note: Filter head (2a) will come with small plugs in the hose Inlet (2c) and outlet (2d), to protect the system during shipping. These plugs are to be removed before installation.



3. Tubing Installation

The Filtration System has been supplied with quick and easy to install quick connections.

- Measure a length of 3/8" tubing (3) to run from the Female 1/2" thread to 3/8" push in fitting (5) to the filter head inlet (2c) and another length of tubing to run from the filter head outlet (2d) to the end of the cold water flexible hose connected to the tap.
- Install the tubing as per the installation diagram on page 3. To install tubing, push tubing into connections and give a slight pull to ensure tubing is secure.

Note: check the end of the tubing to make sure there are no cuts, nicks, flat spots or sharp edges. If any of these are present, re-cut the end with a tube cutter or utility knife. The cut must be perfectly straight with no angle, otherwise leaking from the connections may occur.

Note: To remove tubing, push collet against the face of fitting and remove the hose (with collet still held against fitting face). Fig 3.

4. System Start Up

- Turn cold tap to 'ON' position. Turn water supply 'ON' slowly at isolation tap or water meter. Note- air may be purged from the filter system at this time.
- Check for any leaks and fix if necessary. If leaks are present connections may need to be reinstalled.
- Leave tap on to allow water to flush through the system for approximately 5 minutes. You may wish to collect the water for use in the garden.

Note: Tiny air bubbles being expelled from the cartridge will cause the water supply to appear "cloudy", this is normal. This condition will clear itself over use, or you may flush water through the system until water appears clear.

- Your Aquaport water filtration system is now ready to produce refreshing, great tasting water for you and your family.

Fig 3



FILTER REPLACEMENTS

System Model	Cartridge Replacement Pack Model	Cartridge Replacement Name	Cartridge Service Life
AQP-FKW	AQP-RFW	Replacement Filter for Full Flow Water Filter	Replace every 12 months or 10,000 litres, whichever occurs first*

* Filter cartridge life varies depending on water quality. Your cartridge may need replacing earlier than 12 months if you notice a reduction in volume or flow from the filter faucet, or return of an unpleasant taste/ odour to the filtered water.

1. Isolate water supply. Turn cold tap on to release any excess water still present in system.
2. Remove new filter cartridge from packaging.
3. Remove expired filter cartridge from system, by turning the filter cartridge (1) to the left a 1/4 turn and pull down.
4. Insert new filter cartridge (1) back into the filter head (2a) and rotate towards the right a 1/4 turn to lock filter into place. Ensure that the 'LOCK' arrow located in the middle of the filter cartridge corresponds with the downward arrow on the filter head.

5. Turn cold tap to 'ON' position. Turn water supply 'ON' slowly at isolation tap or water meter. Note- air may be purged from the filter system at this time.
6. Check for any leaks and fix if necessary.
7. Leave tap on to allow water to flush through the system for approximately 5 minutes. You may wish to collect the water for use in the garden.

Note: Tiny air bubbles being expelled from the cartridge will cause the water supply to appear "cloudy", this is normal. This condition will clear itself over use, or you may flush water through the system until water appears clear.

8. Your Aquaport water filtration system is now ready to produce refreshing, great tasting water for you and your family.

Note: Use only cartridges suitable for this appliance. Please check system again the next day after installation for any leaks.

TROUBLE SHOOTING

BEFORE YOU CALL FOR SERVICE PLEASE REVIEW THE TROUBLE SHOOTING TIPS FIRST.

Problem	Possible Causes	What To Do
Water contains tiny black particles.	New filter contains activated carbon, which is food grade safe.	Turn on the water faucet and allow these harmless carbon particles to purge from the canister. Turn off water faucet when water is clear.
Water appears 'milky', or has air bubbles and is cloudy.	Air in the system.	Flush water through system until water appears clear, or use the system and this condition will clear itself.
Chlorine taste and/or odour in the product water.	The filter canister is no longer removing chlorine from the water supply.	Replace the filters.
Dispenses water very slowly.	The filter has been installed for too long.	A 12 month change-out period is recommended. Replace filters.
	The filter canister has become clogged.	High sediment levels can cause premature clogging. Replace filter.
	Water Flow rate is dependant on mains water pressure	See system specification for working pressures and consult a qualified plumber.
Water leaking at fittings.	Tubing may not be installed properly.	Refer to page 6 (Tubing Installation and re-install fittings) & page 3 (Typical Installation Diagram). The use of a tube cutter is recommended.
No water dispensing from system.	Cold water isolation tap or mains water supply may be turned off.	Open Cold water isolation tap or open mains water supply water.
	Filter canister not fully installed.	Ensure the filter canister is fully inserted to filter head Ensure that the 'LOCK' arrow located in the middle of the filter cartridge corresponds with the downward arrow on the filter head.

Performance Data Sheet

Important Notice: Read this data sheet and compare the capabilities to your actual water treatment requirements.

The performance of this product has been verified and substantiated as the test data below summarises. These substances may not be in your water.

Replacement component: AQP-RFW

1. This system requires regular replacement of the filter cartridge to maintain proper operation. Performance will vary based on local water conditions.
2. This system must be installed according to local plumbing codes on the cold water line.

Substance	Average Influent	Reduction Requirement	Average product water concentration	Average % Reduction	Max. Effluent
Chlorine, Taste & Odour	2mg/L	75%	<0.1	>99%	<0.1
Particulate Class I 1um	N/A	85%	N/A	99.8%	N/A
Turbidity	11.45 NTU	<1.0 NTU	<0.1 NTU	>99%	<0.1 NTU
Cyst	N/A	99.9%	N/A	99.9%	N/A

To a capacity of 10,000L

This product complies with AS/NZS 3497 & AS/NZS4348 for the following water treatment processes: Treatment and Tests Table C1

Class	Treatment Type	Function	Pass
I	Microbiological status bacteriostatic	Will stop bacteria increasing, but will not remove them unless ii (a) is ticked	N/A
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 & giardia	Pass
iii	Turbidity & particulate reduction	Will reduce cloudiness	Pass
iv	Taste & odour reduction	Will reduce taste and odours	Pass
V	Chemical treatment	Will decrease chlorine compounds	Pass

Your AquaPort 12 Month Repair or Replacement Warranty

AquaPort warrants this appliance to the first purchaser and subject to the stated conditions:

Warranty covers any defects in material or workmanship in the manufactured product within the first twelve months from the date of purchase.

To make a warranty claim you must call AquaPort on toll free number 1300 764 325 for instructions.

If a product is found to be faulty there is a 90 day return policy from the date of purchase. Product returned to store MUST be accompanied by a valid proof of purchase and Customer Reference number received from AquaPort. Call 1300 764 325.

For warranty claims outside of 90 days from date of purchase, product will be repaired or replaced at our discretion. Repair or replacement costs of the product will be covered under warranty by AquaPort.

Goods presented for repair may be replaced by refurbished goods of the same type rather than being repaired. Refurbished parts may be used to repair the goods.

Warranty does not cover filter cartridge which is a consumable unless proven to have defects in material or workmanship in the manufactured product.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if goods fail to be of acceptable quality and the failure does not amount to a major failure. Register your warranty online at www.aquaPort.com.au/warranty

Conditions Of This Warranty:

1. This product has been fully installed in accordance with the user manual installation instructions.
2. The warranty extends only to repairing or replacing any component that proves to be defective in material or workmanship.
3. The warranty does not cover defects occasioned by misuse, alterations, accidents, or used for other than the intended purpose.
4. The warranty does not cover use of this product where water is microbiologically unsafe or of unknown quality, without adequate disinfection before or after the system.
5. The warranty does not cover damage to the product caused by accident, fire, or floods.
6. Proof of purchase is required for warranty claims.

Please keep purchase receipt in a safe place.

To enable us to register your warranty and provide service should a problem occur, we recommend you register your warranty online at www.aquaPort.com.au/warranty

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Customer Care 1300 764 325



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