

**M SERIES**



# Installation & Operating Instructions

**AQP-FKM1**  
Single Stage Water Filtration

**AQP-FKM2**  
Twin Stage Water Filtration

**AQP-FKM3**  
Triple Stage Water Filtration





## **Congratulations on your purchase of an Aquaport water filtration system**

### **AQUAPORT SELECT 3 STEP SYSTEM**

Aquaport has developed a technologically advanced range of water filters to suit your filtration needs and budget. From a system that reduces chlorine, taste and odour, to a premium system that reduces Giardia and Cryptosporidium. Our unique three stage colour select system allows easy and personal selection of the right filtration system for your family or office needs.

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**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.**

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**CUSTOMER HOTLINE: 1300 764 325**

Aquaport Corporation Pty Ltd  
PO Box 81 Findon SA 5023 Australia  
Telephone: 1300 764 325  
Facsimile: 08 8354 0722  
Email: [aquaport@aquaport.com.au](mailto:aquaport@aquaport.com.au)  
Web: [www.aquaport.com.au](http://www.aquaport.com.au)



AS/NZS 3497  
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## 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. Filter system should only be used on water that has been adequately chlorinated or disinfected. Additional equipment will be required for unsafe water. For use with cold water only.

## OPERATION CONDITIONS

Do not install unit in or around damp areas, near flammable material, or in locations exposed to direct sunlight.

System Specifications	Single Stage System	Twin Stage System	Triple Stage System
Flow Rate	Up to 3 L/pm		1.5 ~2.5 L/min
Working Pressure	200 ~ 860 kPa		200 ~ 550 kPa
Temperature	1 ~ 38 °C		
Service Life	12 months		
Capacity	2500 gal (6500 litres)		
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.

## FILTER REPLACEMENT INTERVALS

Dependent on the water quality that is going through the M Series water system, it is recommended that the filter cartridge(s) is replaced within 12 months or 6500 litres which ever occurs first.

**Register online and subscribe to our free email reminder service at [www.aquaport.com.au](http://www.aquaport.com.au)**

Dependent on 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.

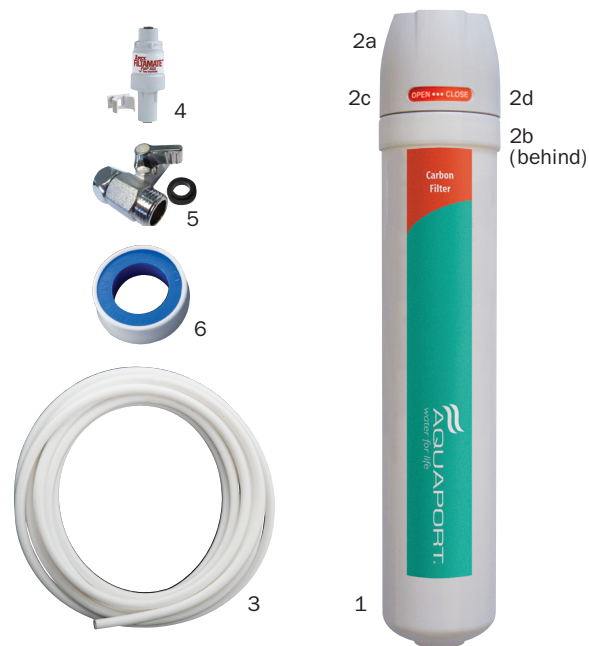
Prior to installation, check for any existing State or Local Plumbing Codes, to ensure installation is compliant.

## INSTALLATION INSTRUCTIONS

### A. Component identification and content check list:

#### Model AQP-FKM1 - M Series Single Stage Filter Kit

Ref	Description	Qty
<b>Cartridges</b>		
1	Carbon Filter	1
<b>Assembly Head</b>		
2a	Filter head	1
2b	Mounting Bracket	1
2c	1/4" quick connect inlet connector	1
2d	1/4" quick connect outlet connector	1
<b>Other Components</b>		
3	1/4" Tubing x 3 metres	1
4	Pressure Limiting Dual Check Valve	1
5	Mains connection with shut off valve	1
6	Thread sealing tape	1
*	Screws for mounting bracket	2
<i>*not shown</i>		



**NOTE:** Filter head (2a) will come with small tiny plugs in the hose inlets/outlets, to protect the system during shipping. These plugs are to be removed before installation.

### Model AQP-FKM2 – M Series Twin Stage Filter Kit

Ref	Description	Qty
<b>Cartridges</b>		
1a	Sediment Filter	1
1b	Carbon Filter	1
<b>Assembly Head</b>		
2a	Filter head	2
2b	Mounting Bracket	1
2c	1/4" quick connect inlet connector	1
2d	1/4" quick connect outlet connector	1
<b>Other Components</b>		
3	1/4" Tubing x 3 metres	1
4	Pressure Limiting Dual Check Valve	1
5	Mains connection with shut off valve	1
6	Sealing tape	1
*	Screws for mounting bracket	3

\*not shown



**NOTE:** Filter head (2a) will come with small tiny plugs in the hose inlets/outlets, to protect the system during shipping. These plugs are to be removed before installation.

### Model AQP-FKM3 – M Series Triple Stage Filter Kit

Ref	Description	Qty
<b>Cartridges</b>		
1a	Sediment Filter	1
1b	Carbon Filter	1
1c	Ultra Fine Filter	1
<b>Assembly Head</b>		
2a	Filter head	3
2b	Mounting Bracket	1
2c	1/4" quick connect inlet connector	1
2d	1/4" quick connect outlet connector	1
<b>Other Components</b>		
3	1/4" Tubing x 3 metres	1
4	Pressure Limiting Dual Check Valve	1
5	Mains connection with shut off valve	1
6	Sealing tape	1
*	Screws for mounting bracket	5

\*not shown

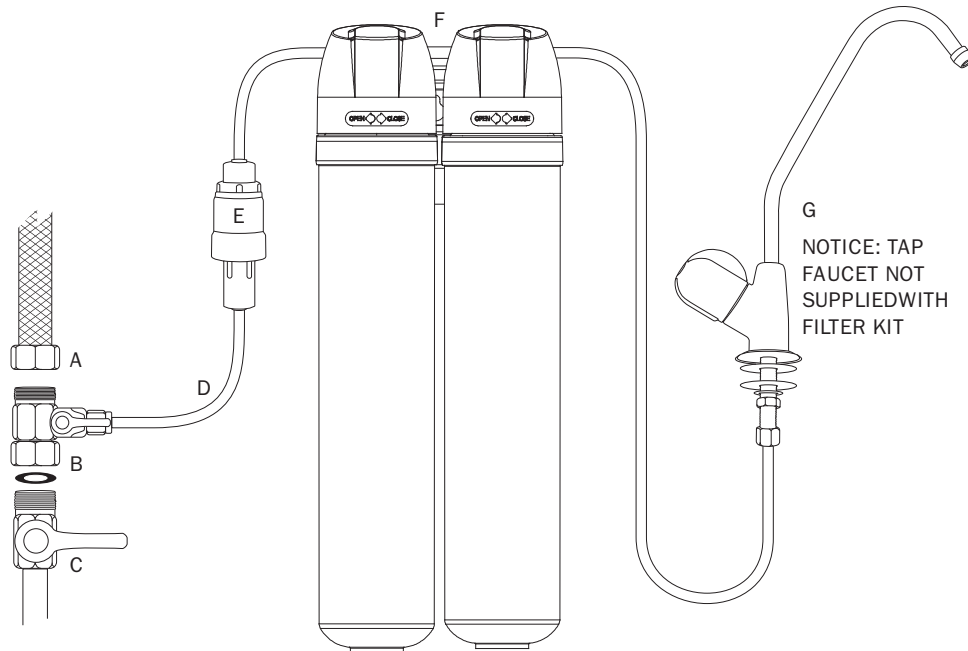


**NOTE:** Filter head (2a) will come with small tiny plugs in the hose inlets/outlets, to protect the system during shipping. These plugs are to be removed before installation.

## Typical Installation Diagram

- A. Cold Water Flexible Line To Cold Tap Outlet.
- B. Mains connection with shut off valve.
- C. Cold Mains Water Isolation Outlet.
- D. 1/4" Tubing.
- E Pressure Limiting Dual Check Valve.
- F. Filter Head & Cartridges.
- G. NOTICE: TAP FAUCET NOT SUPPLIED WITH FILTER KIT.  
Select tap from our select system tap range.

The Pressure Limiting Dual Check Valve, is supplied with the filtration system to help limit the water flow rate going into your filter system from the mains water, as well as preventing the back flow of water from the filter system, back into the mains water. Your warranty is void if this piece is not installed correctly.



## B. Water Supply Installation

### Preferred Installation

(Utilising existing kitchen sink water supply and flexible faucet tubing)

A typical connection using the included water supply fitting is shown on Page 5.

1. Locate cold tap water pipe and turn water supply off at the isolation tap. If no isolation tap is available, turn off at the meter. Turn on tap at sink to check and ensure water is turned off and to drain the pipe.
2. Remove the flexible cold water hose that connects the cold water faucet to the cold mains connection. Some water may spill out.
3. Wrap sealing tape (6) around cold water stud in a clockwise direction.

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

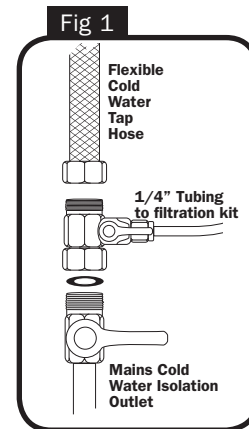
4. Making sure that the washer is inserted correctly into the female connection of the mains connection (5), hand tighten the mains connection to the mains cold water stud (please see Fig 1). Finish tightening with an adjustable wrench.

Be careful not to over tighten, as cross threading and leaking can occur. Make sure the shut off valve connection is not against a wall as the 1/4" tubing must not be bent, see Page 5.

5. Wrap sealing tape (6) around male thread of mains connection (5) in a clockwise direction.
6. Reconnect the flexible cold water hose to the mains connection (5).
7. Install 1/4" tubing (3). (see tubing installation section D)

**Note:** Inspect the ends of the tubing to be sure there are no imperfections and that the end of the tubing is cut square. It may be necessary to cut the tubing again.

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





### C. Mounting System Installation

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.

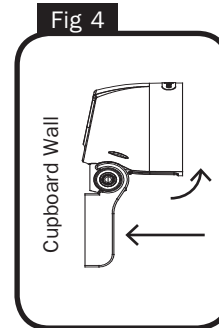
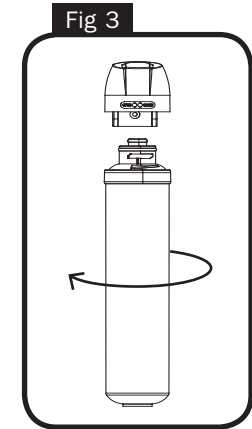
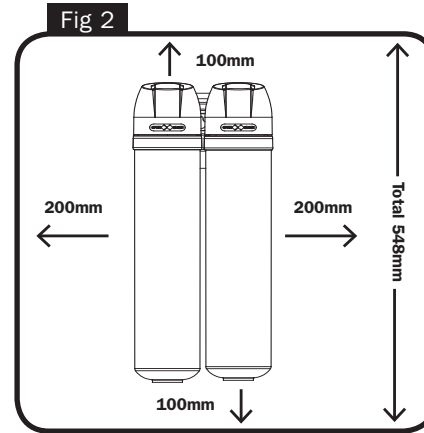
Please ensure there is enough space on either side of the system for the tubing connections. See Fig 2.

1. Rotate the filter counter clockwise a 1/4 turn and pull out. See Fig 3. Remove all filters cartridges (1) in the system.
2. Check to ensure that mounting bracket is attached to filter head.
3. Mark location of fixing holes, and fix unit to cupboard with mounting screws provided. See Fig 4.

**Note:** Remember to allow approximately 100mm above and below and 200mm on the sides of the filter cartridge to allow ease of removal.

4. Replace filter into the filter head and turn clockwise a 1/4 turn to lock filter back into place. Replace all filters cartridges (1) in the system, ensuring they are in the correct positions.

**Note:** Filter head (2a) will come with small tiny plugs in the hose inlets/outlets, to protect the system during shipping. These plugs are to be removed before installation.



## D. Tubing Installation

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

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.

1. Measure a length of 1/4" tubing (3), to run from the mains connection fitting (5) to the filter head inlet (2c), and another length of tubing to run from filter head outlet (2d) to your tap faucet.

### NOTICE: TAP FAUCET NOT SUPPLIED WITH FILTER KIT

Tap faucets are sold separately and can be purchased from a distributor of Aquaport Water Filter Kits or directly from Aquaport on 1300 764 325. A selection of tap faucets is available to suit your budget and home décor.

2. Measure 3/4" (19.05mm) from the end of the tubing provided and mark with a pencil. Fig 5.
3. Push the 1/4" tubing firmly into each fitting (inlet (2c) and outlet (2d)) on the filter head (2a) until the pencil mark is

Fig 5

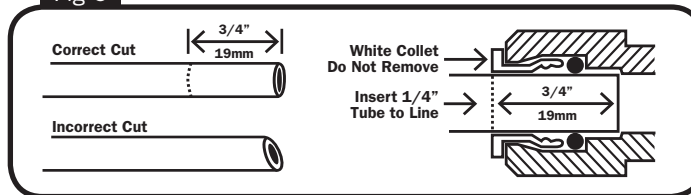
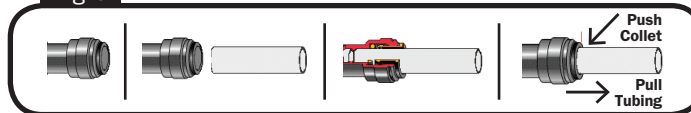


Fig 6



pushed next to the collet or until tubing is fully seated. Fig 5. If tubing is removed, re-cut the end, measure, mark and re-insert.

**Note:** To remove tubing, push collet against the face of fitting and remove the hose (with collet still held against fitting face) Fig 6.

Tubing must be fully inserted/seated to avoid leaks. Repeat for all other connections.

4. Pull slightly on tubing to ensure tube is secure.
5. Locate a position along the 1/4" tubing (3), between the mains connection (5) and filter head inlet (2c). Cut tubing with tube cutter or utility knife and remove sufficient tubing

to insert Pressure Limiting Dual Check Valve (4). Make sure there are no imperfections and that the end of the tubing is cut perfectly square.

6. Push tubing into the Pressure Limiting Dual Check Valve (4), ensuring that the water flow is in the direction of arrow.

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**NOTICE: TAP FAUCET NOT SUPPLIED WITH FILTER KIT**

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7. Connect 1/4" tubing (3) from filter head outlet (2d) to your selected or existing tap faucet. Please refer to your faucet installation manual for connection instructions.

**Note:** Movement of the tubing can cause strain on the connections and may over time lead to a leak. We recommend that you secure the tubing to the cabinet wall once installation is complete.

### **E. System Start Up**

1. Check to ensure that all filter cartridges are installed in the correct positions, to ensure kit performs as stated.
2. Turn faucet to 'ON' position. Turn water supply 'ON' slowly at isolation tap or water meter, to release any air trapped in the system.
3. Leave faucet in the 'ON' position for approximately 2 minutes to allow water to fully flow through the system.
4. Turn faucet 'OFF', and check for any water leaks around the system.

**Note:** If leaks are present, connections may need to be re-installed.

5. Turn faucet 'ON' and leave in the 'ON' position for approximately 5 minutes to allow water to flush out the system.

**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.

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

## FILTER REPLACEMENTS

1. Isolate water supply, by turning the shut off valve 'off' or turning water 'off' at the mains water supply. Open tap faucet to release any excess water still present in system.
2. Remove new filter cartridge(s) from packaging.
3. Remove corresponding old cartridge from system, by rotating the filter counter clockwise a 1/4 turn and pull out. See Fig 3.
4. Replace new cartridge(s) into the filter head and rotate clockwise a 1/4 turn, to lock filter into place, ensuring they are in the correct positions.
5. Turn faucet to 'ON' position. Turn water supply 'ON' slowly at isolation tap or water meter, to release any air trapped in the system.
6. Leave faucet in the 'ON' position for approximately 2 minutes to allow water to fully flow through the system.
7. Turn faucet 'OFF', and check for any water leaks around the system.
8. Turn faucet 'ON' and leave in the 'ON' position for approximately 5 minutes to allow water to flush out the system.

Repeats steps 1-3 for all other cartridges for double or triple stage systems. Please check system again the next day after installation for any leaks.

**Note:** Use only cartridges suitable for this appliance.

## A. Cartridge Order From Left To Right (Inlet To Outlet)



### Single Stage Filtration System

Stage 1:  
Carbon Filter



### Twin Stage Filtration System

Stage 1:  
Sediment Filter  
Stage 2:  
Carbon Filter



### Triple Stage Filtration System

Stage 1: Sediment Filter  
Stage 2: Carbon Filter  
Stage 3: Ultra Fine Filter

## B. Filter Replacement Chart

System Model	Cartridge Replacement Pack Model	Cartridge Model(s) in Replacement Pack	Cartridge Service Life
<b>AQP-FKM1</b> (single stage system)	AQP-RFM1 (pack contains 1x cartridge)	M Series Carbon Filter	Replace every 12 months or 6500 litres, whichever is earlier.
<b>AQP-FKM2</b> (twin stage system)	AQP-RFM2 (pack contains 2x cartridges)	M Series Sediment Filter M Series Carbon Filter	Replace every 12 months or 6500 litres, whichever is earlier.
<b>AQP-FKM3</b> (triple stage system)	AQP-RFM3 (pack contains 3x cartridges)	M Series Sediment Filter M Series Carbon Filter M Series Ultra Fine Filter	Replace every 12 months or 6500 litres, whichever is earlier.

\* 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.

**TROUBLE SHOOTING**

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

<b>Problem</b>	<b>Possible Causes</b>	<b>What To Do</b>
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 leaking at fittings.	Tubing may not be installed properly.	Refer to page 8, Section D, Tubing Installation, and re-install fittings. The use of a tube cutter is recommended.
No water dispensing from system.	Shut off valve or mains water supply may be turned off.	Open shut off valve switch or open mains water supply water.
	Filter canisters not fully installed.	Ensure the filter canister is fully inserted to filter head with full 1/4" turn in clockwise direction.

## **YOUR AQUAPORT 12 MONTH REPLACEMENT WARRANTY**

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

Warranty warrants any defect in materials or workmanship in the manufactured product, within the first twelve months from the date of purchase will be repaired or the unit will be replaced at our discretion.

Warranty does not apply to cartridge which is a consumable.

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 on page 1.

### **Conditions Of This Warranty:**

1. This product has been fully installed in accordance with the installation instructions and relative plumbing codes.
2. Product must be installed by a licensed plumber, and in accordance to relevant National Standards and State Regulations.
3. The pressure limiting dual check valve has been installed preceding the filter, and the working pressure does not exceed the limits stated herein.

4. The warranty extends only to repairing or replacing any component that proves to be defective in material or workmanship.
5. The warranty does not cover defects occasioned by misuse, alterations, accidents, or used for other than the intended purpose.
6. 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.
7. The warranty does not cover damage to the product caused by accident, fire, or floods.

### **To Make a Warranty Claim**

1. Proof of purchase is required for warranty claims. Please keep purchase receipt showing the date of purchase in a safe place.
2. Evidence showing that product has been installed by a licensed plumber in accordance with these installation instructions, relevant national standards and state regulations.

**NOTE: DO NOT FORGET TO WRITE YOUR INSTALLATION DATE ON THE FILTER CARTRIDGE.**

**For warranty claims please call: 1300 764 325.**



**CUSTOMER HOTLINE: 1300 764 325**

AquaPort Corporation Pty Ltd  
PO Box 81 Findon SA 5023 Australia  
Telephone: 1300 764 325  
Facsimile: 08 8354 0722  
Email: [aquaPort@aquaport.com.au](mailto:aquaPort@aquaport.com.au)  
Web: [www.aquaport.com.au](http://www.aquaport.com.au)