

Product Code: SYS-WH202-SEV17-WAWF

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

WHOLE HOUSE WATER FILTRATION SYSTEM AND SOFTENER COMBO



Important Notice: Please remember to document your service schedule on page 25 of this booklet for easy reference and maintenance tracking. Your diligent record-keeping ensures timely and efficient maintenance, guaranteeing the longevity and optimal performance of your filtration system.

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INSTALLATION AND OPERATION MANUAL

AQUACO CUSTOMER SERVICE

Thank you for purchasing an AquaCo Whole House Water Filtration System and Softener Combo. Your system is a proven performer manufactured from only quality materials and components and will give years of 'spring fresh' water free of impurities if maintained properly.

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

The system is designed for mains (SYS-WH202-SEV17-WAWF) supply but can be used in other situations. For other types of water supply please contact your local AquaCo stockist or call our AquaCo Customer Service Helpline.

The AquaCo filter systems cartridges need replacing regularly to maintain optimum performance. This is a simple procedure when following instructions. For cartridge replacements contact your nearest AquaCo stockist.

Customer Service Helpline 1300 70 1300 (Australia).

GUIDELINES AND WARNINGS

- **Where line pressure exceeds 480 kPa (70 psi), a pressure limiting valve must be installed. Protect the housing from water hammer.**
- Use on cold water line only (with water up to 48°C). For installation over 48°C please enquire as to a suitable housing. Protect the housing from freezing.
- Avoid installing in direct sunlight.
- **Use PTFE thread seal tape on all connections. Use of pipe/thread sealants will void warranty.**
- Do not overtighten. Too much tape or over tightening may cause head to split.
- For point of entry installations an approved dual check backflow prevention device must be fitted in accordance with national plumbing product codes.
- Do not use with water that is microbiologically unsafe or with water of unknown quality without adequate disinfection.
- This product must be installed in accordance with local plumbing regulations by a licensed plumber.

Installation Note: A water filter system/tap, like any product, has a limited life and may eventually fail. Also, sometimes failure happens early due to unforeseen circumstances. To avoid possible property damage, this product should be regularly examined for leakage and/or deterioration and replaced when necessary. A drain pan, plumbed to an appropriate drain or outfitted with a leak detector, should be used in those applications where any leakage could cause property damage, and/or the water supply should be turned off if no one is home/present.

INSTALLATION MUST BE COMPLETED BY A LICENCED PLUMBER. FAULTY OPERATION DUE TO UNQUALIFIED TRADESPEOPLE WILL RESULT IN VOIDED WARRANTY COVERAGE.

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OPERATION

The AquaCo Whole House Water Filtration System and Softener Combo Pro is designed to run economically for many years, dependent on the initial installation and periodical maintenance.

Flush systems for 10 minutes after any period of non-use more than 2 days. For a period of non-use of 2 weeks or more, it may be necessary to replace cartridges.

This product must be installed in accordance with local plumbing regulations by a licensed plumber.

Note: Chlorine (free chlorine) tolerance is 1ppm - high chlorine levels permanently damage the softening resin & is not covered under warranty. The maintenance of the pre-filtration system is always recommended to protect the performance of the softening resin.

INSTALLATION

BEFORE INSTALLATION

PROFESSIONAL INSTALLATION REQUIRED

Installation requires shutting water off to home, cutting home water supply pipe and using a welding torch to add piping and fittings. Specialized tools and skills are required. Not a do-it-yourself type of project.

POSITIONING YOUR PRE-FILTRATION SYSTEM

Choose a location where any water spillage will not cause damage. Make sure mounting position is solid so that the filter housing stays in position when changing filters. An isolation valve may be installed immediately prior to the filter to isolate the filter for changing the cartridge.

SYSTEM DIMENSIONS



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PRE-FILTRATION SYSTEM INSTALLATION INSTRUCTIONS

1. Isolate water supply and relieve pressure by opening a downstream tap.
2. Cut pipe to suit length of required valve and housing installation.
3. Use approved brass, galv/poly plumbing fittings to suit existing pipework. The female threads on the housing will receive tapered male threads. Thread into housing head carefully as too much tape or overtightening may cause it to split.
Warning: Use PTFE thread seal tape on all connections. Use of pipe/thread sealants will void warranty.
4. If using sweated fittings, allow enough time to cool before connecting to the housing.
5. Securely fix wall mount bracket and pipework with suitable clips. Allow 50mm clearance under sump for filter changes.
6. Connect the **inlet pipe to the pre-filter's inlet (sediment filter)** and the **outlet pipe to the pre-filter's outlet (Carbon/ or Aragon filter)**.
7. Flush debris from pipework.
8. Install filter cartridge as per cartridge replacement instructions (pg.13).

WATER SOFTENER INSTALLATION INSTRUCTIONS

PLEASE READ PRIOR TO INSTALLATION

Select the location of your water softener with care. Various conditions which contribute to proper location are as follows:

1. Position the water softener **after the pre-filtration system** in the water supply line.
2. Install as close as possible to a drain.
3. Install in correct relationship to other water treatment equipment (Connect the **softener inlet to the pre-filter outlet** using appropriate fittings). Contact AquaCo for assistance.
4. Install the softener in the supply line **BEFORE** the water heater. Temperatures above 43.3°C (110°F) will damage the softener and void the warranty.
5. **DO NOT** install the softener in a location where freezing temperatures occur. Freezing may cause permanent damage and will also void the warranty.
6. **DO NOT** install where water hammer conditions may occur without installing an arrestor.
7. Allow sufficient space around the installation for easy servicing. Provide a non-switched 240V power source for the control valve.

Where to install

Water softeners are designed to treat the water supply to the entire home and therefore need to be connected to the main water supply to the property. It is advisable to segregate garden taps if possible. During regeneration a pre-determined capacity of saline water will be discharged to drain necessitating connection to a sewer/ deep drain rather than to a storm water drain. Automatic models require a 240V general power outlet to operate.

Automatic models are supplied with all parameters pre-set apart from the time of day. The time of day can be set by pushing the “arrow up” or “arrow down” buttons until the correct time is displayed. No adjustments are required for semi-automatic models.



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Plumbing instructions

The installation of any Waterways water softener must be carried out by a registered plumbing contractor in accordance with current Australian Plumbing standards (AS/NZS3500.1, as per WMTS-103 Cl.11.1).

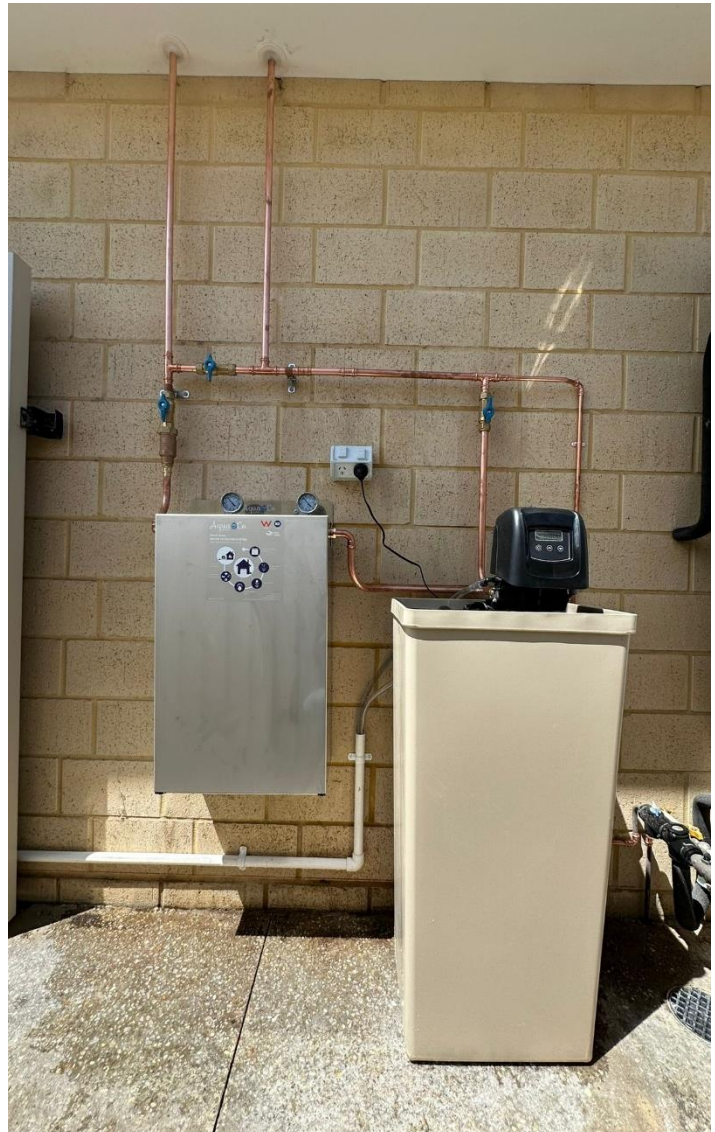
It is mandatory that the dual check valve (not included) and pressure limiting valve (supplied) are installed correctly prior to your water treatment appliance. Failure to do so may cause the system to fail and/or void warranty.

As you look at the softener front on, the inlet is on the right and the outlet is on the left (See Page 7, Fig 1). All fittings require tightening prior to commissioning. The drain line has a length of clear plastic tubing connected – all models. This tube must be directed to drain and must not be extended without an airgap.

NOTE: All domestic softener models have a precautionary overflow outlet elbow at the rear of the softener cabinet. A drain line will need to be connected to the overflow elbow and directed to an appropriate drainage point. Do not join overflow drain with regeneration discharge drain line.

Before turning the water back on, open a non-aerated tap downstream from the softener and/or open the control valve to drain. This can be done by turning the timer on a semi-automatic unit or by pushing the extra cycle button on an automatic unit. This will allow any air caught within the system to escape.

NOTE: If air is not allowed to escape, the hydraulic effect of the air/ water mix could result in serious over-pressurisation damage.



TYPICAL INSTALLATION



Figure 1

1. Inlet and Connecting Pipework (Not included)
2. Equal Tee (Not included)
3. Isolation Valve (Not included)
4. Backflow Prevention Valve (Not included)
5. 90 Degree Elbow (Not included)
6. 90 Degree Elbow (Not included)
7. Isolation Valve (Not included)
8. Equal Tee (Not included)
9. Bypass (Not included)
10. Water Softener Outgoing $\frac{3}{4}$ " or 1" Male Connection (Included)
11. Water Softener Incoming $\frac{3}{4}$ " or 1" Male Connection (Included)
12. 1.5 m $\frac{1}{2}$ " Clear Tube (Supplied), Drain Pipe (Not Included)
13. Power Point (Not Included)

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WATER SOFTENER COMMISSIONING

1. Prepare Supplies:

- Ensure you have 2 bags of salt and 2 buckets of water (10 Litres of water) ready for the system.

2. Turn on Control Valve:

- Power on the control valve of the water softener.

3. Enter Backwash Mode:

- Hold down the regeneration button (symbolized by centrifugal arrows) for approximately 7 seconds or until the unit enters Backwash mode (BW).

4. Gradually Restore Water Flow:

- Once the unit shows BW with a countdown timer, slowly open the water valve to reinstate water flow by 50%.

5. Verify Air Removal:

- Monitor the flow to drain until no air is left inside the system.
- Open a downstream outlet such as a bathroom tap to ensure normal water flow.

6. Open Water Valve Fully:

- When there's no air left inside and water is flowing to drain, open the water valve fully to allow normal water flow through the softener.

7. Advance to Brine Draw (BD) Mode:

- Press the regeneration button quickly to advance the softener to Brine Draw (BD) mode, where it will count down from 60 minutes.

8. Advance Through Regeneration Stages:

- After 10 seconds, press the regeneration button again to advance to Rapid Rinse (RR) mode.
- Push the regeneration button once more to enter Brine Fill (BF) mode.
- After another 10 seconds, press the regeneration button to advance the softener to Service mode.

When the softener is in service mode the LCD will fluctuate between two displays. One display will show the amount of water in Ltrs that will pass through the softener before an automatic regeneration will occur. This figure will count down as water passes through the system. The other display will show the time of day. It is important that the time-of-day setting is correct. The TOD can be altered by pushing the up or down arrow buttons. Once the correct time of day is displayed then the regeneration button can be pushed quickly to enter the time in.

9. Set Time and Confirm Operation:

- In Service mode, set the correct time of day using the arrow buttons and confirm by pressing the regeneration button quickly.

10. Check Water Quality:

- Confirm normal water flow at the running outlet and check for any unusual coloration, which is normal during initial commissioning.
- If there's slight coloration, flush the system or wait for it to clear after regeneration.

11. Optional: Schedule Regeneration:

- Cue the softener for regeneration upon installation by quickly pressing the regeneration button when in Service mode.
- The flashing tap icon indicates the softener is cued for regeneration, typically set at 2:00 am.

12. Final Checks:

- Isolate the running fixture and thoroughly check the system for leaks.
- Ensure all connections are tight and secure to complete the commissioning process.



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FAQS

What do I do to get started?

Once the softener has been installed the next step is to add salt to the brine area. Initially you can add two bags of either high grade softening salt or granulated swimming pool salt – if you don't have two bags, one will get you started. Using water softener salt is recommended as the crystals are larger therefore it is less likely that the salt will become compacted. When adding fresh salt to an empty brine tank, it is recommended to allow one hour before manually regenerating the softener. This will give the salt ample time to dilute to a brine solution.

Why do softeners use salt?

Salt is used purely as a regenerate to wash accumulated hard-water salts to drain and to recharge the softening resin. The softening process relies on resin releasing sodium to make the water soft. When salt (sodium chloride) is passed through the softening resin, the sodium is used to re-charge the resin and the chloride combines with accumulated hard-water salts. They are reconstituted as insoluble salts that can then be washed to drain as part of the regeneration cycle. The brine solution created by the salt is used only during the regeneration cycle. The brine water is rinsed from the resin bed with fresh water during the last stage of the regeneration cycle before the water softener is returned to service.



Once a supersaturated brine solution has been formed, the salt automatically stops dissolving. The level of water in the brine tank (softener cabinet) is preset and this determines the amount of brine that will be formed. In summary, the brining process happens automatically – all you need to do is to add salt.

When will I need to replenish the salt in the brine tank?

As a general rule it is diligent to keep the brine tank at least a third full at all times. If a brined tank is empty this could mean that the water softener has not been regenerating properly therefore will not work as required.

NOTE: Before adding a new bag of salt, it is a good idea to stir up the existing salt to prevent it from compacting. The rounded end of a broom handle is ideal for this.



Is there any other regular maintenance required?

Other than regenerating regularly and adding salt, when necessary, there is very little regular maintenance required. It is recommended that the seals and spacers located internally of the automatic softener valve are replaced every 5 years.

When does a softener need to be regenerated?

The automatic water softener capacity is dependent on a combination of the amount of water being treated and the hardness of water being softened. Automatic water softeners regenerate once the pre-set capacity is reached.

How long should the softener regenerate for?

For optimum results it is important **not** to reduce regeneration times below that are recommended for your water softener. Doing so may have a detrimental impact on the softening resin or and/or allow salty water through to service. The regeneration time for the SEV 17 Automatic Water Softener is 90 minutes.

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What does “Volumatic” mean?

Fully automatic “Volumatic” softeners use a microprocessor to control regenerations. A reserve litre capacity is set to suit the expected water conditions. Water usage is monitored by a flow meter connected to the softener valve which enables the water softener to determine how many litres have passed through the softener. When the capacity is reached the unit will queue for regeneration, meaning it will wait until the pre-set regeneration time occurs before it will perform an automatic regeneration. All softeners are programmed to regenerate at 2:00am as this is when it is least likely water will be used; however, can be adjusted to occur at any time during the day or night – refer to valve setting instructions. Automatic softener/ conditioners require 240 volts to operate. The automatic valve is fitted with a waterproof 24 volts step down transformer.

Why does it require a pre-filter?

Installing a carbon filter prior to the water softener will prevent chlorine from entering the water softener. Whilst the softening resin can tolerate some chlorine, the lifespan of the resin will be significantly prolonged if a carbon pre-filter installed prior to the softener. Depending on the initial water quality being supplied to the softener it may be diligent to install a sediment and carbon/aragon pre-filter. If you are unsure of the initial water quality you can contact your local AquaCo Stockist who will be able to advise you whether a classic or premium pre-filter is best for your water softener.

How do I properly regenerate a water softener, and what should I know before using a new softener?

Automatic models do not return water to the brine tank/ cabinet until the last stage of the regeneration cycle. Water should be added manually to the brine tank/ softener cabinet prior to instating the water supply to the softener inlet. Fill the brine tank/ cabinet approximately 1/3rd full and then add salt.

NOTE: All models are supplied with pre-regenerated softening resin. While it is not necessary to regenerate before using, it is necessary to allow water to run until clear. New resin contains a water-soluble identification dye and in some rare cases can leach colour and/or odour into the water supply. If this occurs then water may require flushing for several minutes.

NOTE: To regenerate automatic models, push and hold the extra cycle button for 5 seconds. This will enter the softener into an automatic regeneration cycle which will last for approximately 90 minutes.

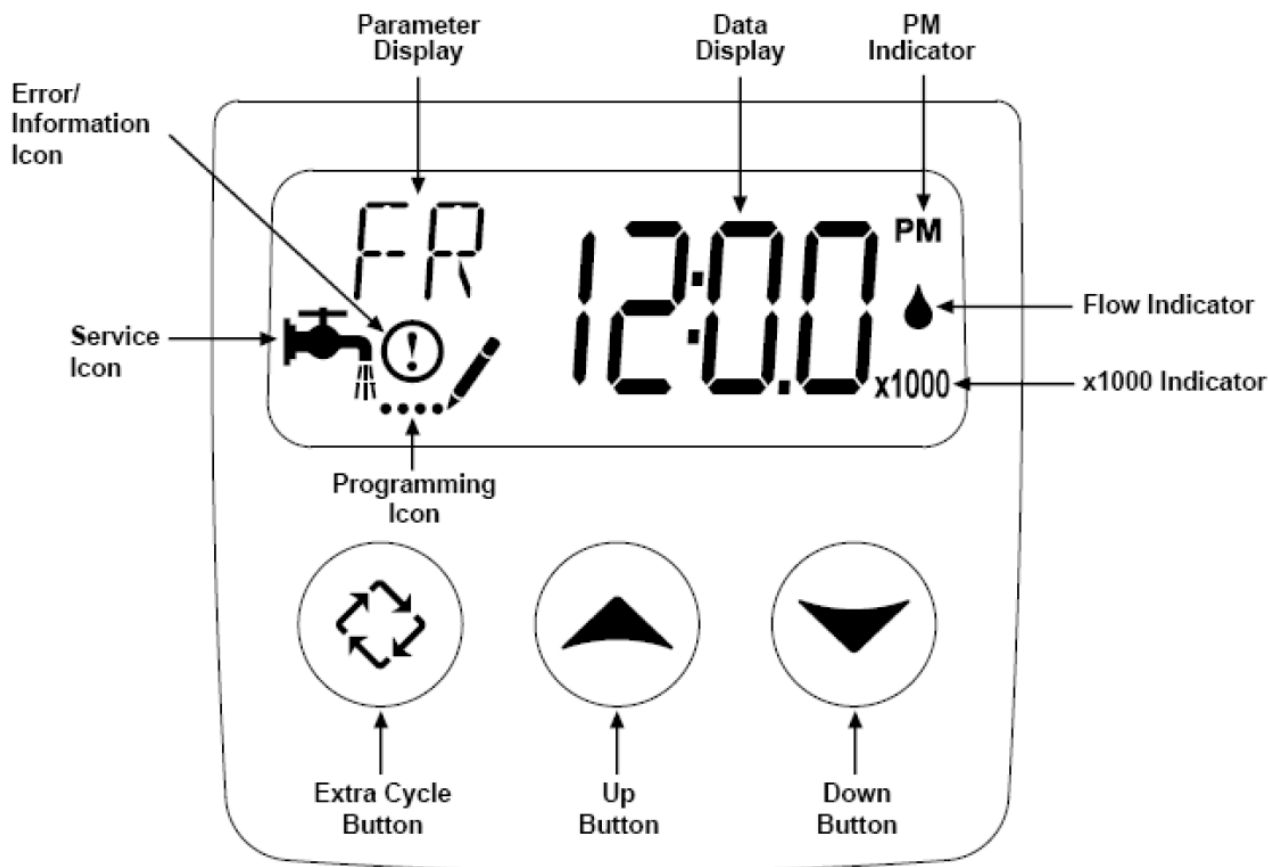
Power Surges

WARNING: Power surges may cause the microprocessor to return to default settings.

Power surges can affect the performance of your water softener. The electronic power board has a built-in safety feature that protects the microprocessor damage due to voltage spikes. When a power surge occurs, the microprocessor may return all settings to default. When in the default state the softener will not function correctly and will need to be re-set. An indication of this will be that the normal 24-hour clock display will return to AM/ PM settings. The PM light will illuminate when the clock is moved past 11.59AM. A further indicator will be that the water level in the brine tank may be lower than usual or simply that your water is not as soft as it used to be. To reset your water softener to the correct settings, refer to the “valve setting” information provided.

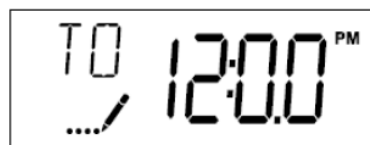
NOTE: Normal power failures will not cause your water softener to return to its default settings. If there is a power outage it will only be necessary to reset the time of day.

SXT MICROPROCESSOR CONTROLLED MODELS SEV 17



Setting the Time of Day

1. Press and hold either the Up or Down buttons until the programming icon replaces the service icon and the parameter display reads TD.
2. Adjust the displayed time with the Up and Down buttons.
3. When the desired time is set, press the Extra Cycle button to resume normal operation. The unit will also return to normal operation after 5 seconds if no buttons are pressed.



NOTE: After selecting the desired time of day it is necessary to press the Extra Cycle button. The time that has been set will not take effect until the Extra Cycle button has been pressed – refer highlighted section above.

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FACTORY SETTING INFORMATION

The above twin tank water conditioners are factory pre-set as follows:

1	DF (Display Format)	Ltr
2	VT (Valve Type)	5800
3	RF (Regenerate flow)	dF1b
4	CT (Control Type)	Fd
5	C (Unit Capacity)	39
6	H (Hardness)	6
7	RS (Safety Factor)	SF
8	SF (Safety Factor Display)	0
9	RC (Fixed reserve capacity)	SF
10	DO (Day Override)	OFF
11	RT (Regeneration Time)	2:00 (AM)
12	BW (Backwash)	3
13	BD (Brine Draw)	60
14	RR (Rapid Rinse)	5
15	BF (Brine Fill)	20
16	D1, D2, D3, D4, D5, D6, D7	Off
17	CD (Current Day)	Current day of the week
18	FM (Flow Meter Type)	t0.7
19	K (Meter Pulse Setting)	Sets automatically
20	RE (Relay)	Time base (tb), start time (ST), end time (ET)
21	VR (Relay)	Flow base (Fb), volume interval (VO), time on (TO)

Master Reboot: Hold the extra cycle button while powering the unit. This will reboot the valve and return it to default settings after which all parameters will need to be reset.

Soft Reset: Press and hold the extra cycle and down buttons for 25 seconds while in normal service mode. This will re-set the valve without losing volume remaining settings/ days since last regeneration. This mode can be employed if for example the valve displays an "Error" message.

Note: After "Soft Reset" it will be necessary to re-enter, factory set parameters (as above).

SOFTENER REGENERATIONS

The water softener has a cylinder that holds 27 litres of high-grade softening resin. This amount of resin can treat 17,000 litres of water at 100 mg/l hardness, once this capacity is reached, the computer will regenerate the resin (a brine solution will wash down the resin). At 200 mg/l hardness, the computer in the water softener will need to be set up to do regenerations every 8,500 litres. Each regeneration requires 4.5 Kg of salt, meaning that you need to top up with "water softener salt" the side compartment in the water softener from now and then.

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CARTRIDGE INSTALLATION / REPLACEMENT

To change the filter cartridge(s) please adhere to the following procedure:

1. Turn water supply off and relieve pressure by opening a downstream tap or pressing the red pressure relief button on the housing(s) (if fitted).
2. Unscrew the filter housing sump(s). If difficult to undo, use the wrench provided. Remove old cartridge(s). We recommend replacing O-rings every 3 - 5 years to ensure a water tight seal, preventing any leaks.
3. Clean housing sump(s) with soap and warm water and rinse thoroughly. Check O-Ring(s) for damage and if there is any, replace.
4. Check O-ring(s) lubrication and if necessary, apply a light coating of food grade silicone lubricant (or similar).
5. **Remove all packaging from new filter cartridge(s)** and insert into housing sump(s) making sure cartridge(s) is properly seated over spigot in base of housing sump(s). Remember to record the model no. of the cartridge(s) you use.
6. Hold housing sump(s) upright while screwing onto head. Make certain that the spigot in the housing head(s) is located centrally to the cartridge(s) to make a good seal. Hand tighten housing sump until firm. **DO NOT OVER TIGHTEN.**
7. Open downstream tap to allow air to be released and gently open water supply allowing all air to be purged.
8. Allow water to run for 2 minutes to flush the system.
9. Close down stream tap and check for leaks. Flush system for 10 minutes after any period of non-use more than 2 days. For a period of non-use of 2 weeks or more, it may be necessary to replace the cartridge.

Figure 2

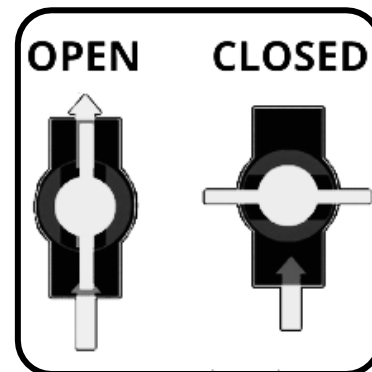
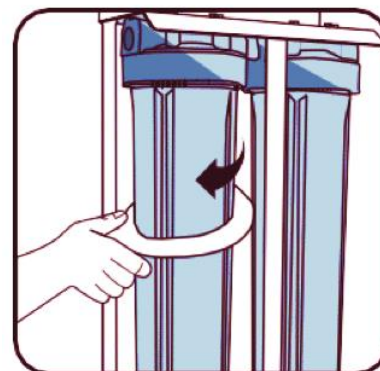


Figure 3

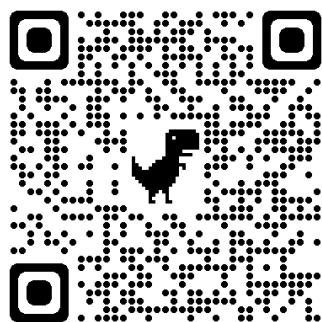


NOTE: TO RUN UNFILTERED WATER TO THE HOUSE (WHEN GARDENING OR FILLING THE POOL), PLEASE CLOSE VALVES GOING IN AND OUT OF THE FILTER SYSTEM (#3 & #7) AND OPEN THE BYPASS (VALVE #9).

Important Notice: Please remember to document your service schedule on page 25 of this booklet for easy reference and maintenance tracking. Your diligent record-keeping ensures timely and efficient maintenance, guaranteeing the longevity and optimal performance of your filtration system.

SCAN QR CODE

A service video can be accessed quickly via the QR code, using a device with a QR reader application.



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REPLACEMENT GUIDE

To maintain the high quality of the purified water the cartridge(s) need changing every 12-18 months (this is dependent on water quality and usage). You can obtain replacement cartridges from your local AquaCo stockiest. To maintain performance and warranty use genuine AquaCo replacements.

1

PP Sediment

Removes sediments, dirt, sand, silt, mud, algae, clay, dust, and rust.

12-18 months



2

CTO Carbon Block

Removes chlorine, taste, odours, cloudiness and colours.

12-18 months



Note: Replacement frequency also depends on water quality and usage. Filters should also be changed when rated capacity is reached, or when flow becomes too slow.

REP-202CL-WAWF

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1

PP Sediment

Removes sediments, dust, sand, rust, dirt, and silt.

12-18 months



2

Aragon Guard

Removes chlorine, chloramines, heavy metals, viruses, bacteria, parasites and reduces visible calcium build up.

12-18 months



Note: Replacement frequency also depends on water quality and usage. Filters should also be changed when rated capacity is reached, or when flow becomes too slow.

REP-202PR-WAWF

Product Code: SYS-WH202-SEV17-WAWF

REPLACEMENT PARTS AND COMPONENTS


	<p>Water Softener Salt <i>The salt is required to regenerate the resin. Each regeneration requires 4.5 Kg of salt, meaning that you need to top up with "water softener salt" the side compartment in the water softener from now and then. 20 kg/bag</i></p>
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Regeneration: A brine solution washes down the resin once the capacity is reached (Every 17,000 Litres depending of the hardness concentration). The softening resin requires regenerations to keep capturing the hardness, without regenerations the resin will exhaust and will need changing. The softening resin within the water softener with adequate maintenance is rated to last 7 years approximately. After this period, new resin is required.


	<p>Standard Replacement Filters <i>Set of replacement filter cartridges for the 1st and 2nd stage of the pre-filtration system.</i></p> <ul style="list-style-type: none"> ✓ Sediments ✓ Chlorine ✓ Pesticides & Herbicides ✓ VOCs (Flammable Liquids) ✓ Taste, Odours & Colour ✗ Heavy Metals (Copper, Mercury, Lead) ✗ Parasites, Bacteria & Viruses ✗ Chloramines ✗ Scale build up reduction <p><i>*WORK FOR CITY/TOWN WATER.</i></p>
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	<p>Premium Replacement Filters <i>Set of replacement filter cartridges for the 1st and 2nd stage of the pre-filtration system.</i></p> <ul style="list-style-type: none"> ✓ Sediments ✓ Chlorine ✓ Pesticides & Herbicides ✓ VOCs (Flammable Liquids) ✓ Taste, Odours & Colour ✓ Heavy Metals (Copper, Mercury, Lead) ✓ Parasites, Bacteria & Viruses ✓ Chloramines ✓ Scale build up reduction <p><i>*WORK FOR HARD WATER, CITY WATER, WELL WATER AND TANK WATER.</i></p>
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	<p>Filter Casing/Housing Sump 20" x 4.5" high virgin polypropylene filter housing with PP caps and reinforced stainless-steel ports for maximum durability.</p>
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Maintenance: Filter housings are recommended to be changed every 10 years. However, replacement frequency can vary if filter housings have been dropped or are directly/indirectly exposed to the sun.


	<p>Stainless Steel/Polycarb Oil Filled Pressure Gauges Read the water pressure of the outgoing and incoming water for easy monitoring.</p>
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	<p>Big Blue Spanner Opening tool to tight and loose the filter housing for easy service and maintenance.</p>
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	<p>Housing Sump O-Rings Set of 2 O-rings for Housing Sumps. The seal rings are made of high-quality rubber. They are light weight, soft and flexible, and offer a long service life. They can be used with all food grade lubricants to help you keep the water filter leak free.</p>
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Maintenance: O-rings are recommended to be changed every 2-3 years. However, after every service it is recommended to remove, clean and grease the O-rings and O-ring grooves, and bezel threading as often as required to ensure a good seal and to give you peace of mind.

	<p>Pressure Relief Button Set of 2 pressure relief buttons. Provide pressure relief for easier changing of cartridges.</p>
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	<p>1/4" Plug for Gauge Hole Set of 2 plugs/stopper for 1/4" NPT pressure gauge hole in housing cap.</p>
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WATER SOFTENER MAINTENANCE

As a general rule it is diligent to keep the brine tank at least a third full at all times. If the brine tank is empty this could mean that the water softener has not been regenerating properly therefore will not work as required.

You can use high grade softening salt or granulated swimming pool salt. Using **water softener salt is recommended** as the crystals are larger therefore it is less likely that the salt will be compacted. When adding fresh salt to an empty brine tank, it is recommended to allow one hour before manually regenerating the softener. This will give the salt sample time to dilute to brine solution.

NOTE: Before adding a new bag of salt it is a good idea to stir up the existing salt to prevent it from compacting. The rounded end of a broom handle is ideal for this.



If any unusual icons, signs or messages appear on your screen, please contact AquaCo on 1300 70 1300 for trouble shooting.

REGENERATION TIMES

The water softener is programmed to regenerate at 2:00am in the morning. However, if this is an unsuitable hour for you, this is programmable, you can set the regeneration cycle to occur during periods of no water demand. This way, you can ensure that you have a continuous supply of softened water without interruption.

GENERAL INFORMATION

	<p>REGENERATION BUTTON:</p> <p>The water softener will perform its regenerations automatically, requiring no manual intervention or button pressing on your part.</p> <p>If you press the regeneration button on your water softener's control panel, it means that a regeneration cycle will automatically occur within the next 24 hours. You don't need to do anything else. The water softener will schedule and execute the regeneration on its own, during the programmed time.</p> <p>If you press and hold the regeneration button for an extended period, it initiates an immediate regeneration. This means the water softener will start the regeneration process right away, regardless of the time of day.</p>
	<p>TAP ICON:</p> <p>When the tap indicator is blinking, a regeneration cycle will be initiated automatically within the next 24 hours at the programmed time.</p>

If any unusual icons, signs or messages appear on your screen, please contact AquaCo on 1300 70 1300 for trouble shooting.

Product Code: SYS-WH202-SEV17-WAWF

PERFORMANCE DATA SHEET

PRODUCT CODE: PP-2045-5-WAWF



SEDIMENT FILTER

Micron Rating	Triple Gradient: 20 µm outer (nominal), 10 µm middle (nominal), 5 µm inner (nominal)
Filter Dimensions	20" x 4.5"
Media Type	100% Polypropylene

NOTES: THIS CARTRIDGE IS TESTED AND CERTIFIED BY NSF INTERNATIONAL UNDER NSF/ANSI STANDARD 42 FOR MATERIAL REQUIREMENTS ONLY.

PRODUCT CODE: CB-2045-5-WAWF



CARBON FILTER

Micron Rating	>98% @ 5 µm (nominal)
Filter Dimensions	20" x 4.5"
Chlorine Reduction >95%	100,000 gallons @ 15 gpm
Initial _P	>5.0 psid @15 gpm
Carbon Type	Activated Carbon

NOTES: CHLORINE REDUCTION CAPACITY BASED ON LABORATORY TESTING CONDUCTED USING TEST PROTOCOL CONTAINED IN NSF STANDARD 42.

Product Code: SYS-WH202-SEV17-WAWF

PRODUCT CODE: ARA-2045-WAWF



ARAGON FILTER

Micron Rating	>99.999% @2 µm (nominal)
Filter Dimensions	20" x 4.5"
Filter Media Type	Aragon Media: SGS Polymers (Space-Globular-Structure) Active Silver Coconut Shell Activated Carbon Block Polypropylene in the outer layer

Reduction Claims

Suspended impurities (rust, sand, algae, other particles) over 5 µm	100%
Active chlorine	>100%
Heavy and radioactive metals (lead, cadmium, copper, strontium-90, cesium)	>99%
Organic compounds	>92%
Hardness salts	>85%
Microorganism and coliform bacillus	>99%
Hepatitis A virus, rotaviruses and Noroviruses	>99%
Capacity	60,000 L @0.3 mg/l of iron 300,000 L @0.06 mg/l of iron

* DEPENDS ON CONTAMINATION DEGREE OF INITIAL WATER
GIVEN THE IRON CONTENT OF WATER UP TO 0.3 MG/L WITH CONSIDERATION FOR REGENERATION
* AT HARDNESS UP TO 3 MG-EQ/L WITH CONSIDERATION FOR REGENERATION

Product Code: SYS-WH202-SEV17-WAWF

This is confirmed by:

- Certified by Institute Pasteur de Lille (France)
- Certified by S.M Kirov Military Medical Academy (Russia)
- Certified by The Research Institute of Influenza (Russia)
- Certified by V.G Khlopin Radium Institute (Russia)
- Certified by The Research Institute of Epidemiology and Microbiology (Russia)
- Certified by IFTS (France)
- Certified by IAPMO (United States)
- Certified by University of Ferrara (Italy)

In accordance with the test report based on the filtration of the artificially contaminated ultra-clean water, the GEYSER ARAGON BIO filters are capable to remove the bacterial and viral contamination with the following parameters:

- Legionella pneumobilia, Serogroup 1 (CIP 103854): mean removal efficiency 99.99987 % (5.9 log)
- Salmonella Typhimurium (ATCC 14028): mean removal efficiency 99.998 % (4.8 log)
- Poliovirus, Sabin Strain of Type 1: mean removal efficiency 99.84 % (2.8 log)
- Rotavirus, Simiens Strain SA114F1: mean removal efficiency 99.99 % (4.0 log)
- Hepatitis A virus, Strain HM175/18f (ATCC VR-1402): mean removal efficiency 96 % (1.4 log)

Ion Exchange resin:

- Invention Patent: № 57142

Quasi-Softening:

- Invention Patent: № 2261843 & № 2286953

Product Code: SYS-WH202-SEV17-WAWF

NOTES

AquaCo water care products are designed, manufactured and supported by Water Filters Pty Ltd the name you can trust for viable and proven water solutions. The complete range of AquaCo 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

Any contract of sale, order, or quotation made or accepted by or on behalf of Water Filters Pty Ltd (trading as AquaCo Filters) is subject to these terms and conditions of sale.

- AquaCo Filters warrants AquaCo Filtration Systems to the original purchaser for a period of 5 years for Retail customers, and 2 years for Wholesale and Trade customers from the date of sale established by the date of the original invoice issued by an authorized distributor.
- AquaCo Filters warrants each new Product to be free from defects in the product for a period of 2 year from the date of retail sale established by the date of the original invoice issued by AquaCo Filters.
- AquaCo Filters reserves the right in instalment sales to grant credit for the value of any Product found to be defective under this Warranty.
- AquaCo Filters will not cover any labour charge incurred by the Buyer for the replacement or repair of any Product.
- The Buyer is responsible for freight and local labour charges for Products the subject of this Warranty.
- This Warranty applies only to the original purchaser of the Product.
- AquaCo Filters' obligation under this Warranty is limited to AquaCo Filters' own option, to either repair or replace the Product, once AquaCo Filters has deemed that the Product is defective or AquaCo Filters may, at its own discretion, refund to the Buyer the purchase price paid for the defective goods.
- This Warranty does not cover any Product that is relocated from the site of its original installation.
- All replaced or exchanged parts taken out under this warranty become the property of AquaCo Filters.
- This Warranty is subject to the Product being properly installed, maintained, being used for its intended purpose and operated strictly in accordance with AquaCo Filters' recommendations and installation guide.
- This Warranty does not extend to a Product that has been modified in any way unless with AquaCo Filters' express consent.
- This Warranty does not cover the normal wear and tear of the Product, or damage caused by misuse, abuse or vandalism. The Warranty does not cover any malfunction or failure resulting from neglect, use of unauthorised parts and accessories or use with higher water pressure than indicated on the Product.
- The Warranty does not extend to damage caused by rain, fire, earthquake or other natural causes or acts of nature.
- It is expressly agreed that this shall be the sole and exclusive remedy of the Buyer stated herein, and under no circumstances shall AquaCo Filters be liable for any costs, loss, expense, damages, special damages, incidental damages or consequential damages arising directly or indirectly from the design, manufacture, sale, use or repair of the Product whether based upon warranty, contract, tort or strict liability.
- All Conditions and Warranties implied by law or statute are hereby expressly negated so far as they lawfully can be.

ACCEPTANCE AND CLAIMS

- Acceptance of the Products shall be deemed for all purposes to have taken place at the expiration from the date of each delivery.
- Any damage caused during or as a result of transit will not be the responsibility of AquaCo Filters.

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- Any faulty systems must be returned with the Pressure Limiting Valve.
- In the event of a Warranty Claim, the Product must be forwarded at the Buyer's own risk and expense to AquaCo Filters, together with proof of purchase.
- This limited Warranty is void if the Product under Warranty is presented without the said original invoice.
- AquaCo Filters may request that a Statement accompany the Original Invoice, signed by the Buyer, setting out the following terms:
 - The name and address of the Buyer.
 - The date and by whom the Product was purchased.
 - The date and by whom the Product was installed.
 - The location where the Product was installed.
 - The date and time the Product first appeared to malfunction.
 - The nature of the problem with the Product.
 - The date and time of any and all loss event/s.
 - The date and time AquaCo Filters were first notified of the Product malfunction.
- A failure by the Buyer to submit the said Statement within 28 days, after such request is made by AquaCo Filters, will automatically void the Warranty.
- A failure to answer truthfully or to answer in a way that is misleading, entitles AquaCo Filters to void the Warranty and to notify the police in the event of suspected fraudulent conduct.

RISK

- The risk in the Product will pass to the Buyer immediately upon the Product leaving AquaCo Filters' premises for delivery to the place designated by the Buyer.

RETENTION OF TITLE

- AquaCo Filters will retain title to (but not risk in) a Product delivered to the Buyer until AquaCo Filters has received payment in full for such Product from the Buyer.
- The Buyer will store the goods in such a way as to enable them to be separately identified and will keep them insured at its own expense with AquaCo Filters' interest noted on any such insurance cover.
- If the Buyer fails to make any payment when due or becomes bankrupt or becomes insolvent, or has a judgement entered against it in any Court or enters into any scheme of arrangement, composition, or assignment or is in receivership or voluntary administration or liquidation, the Buyer grants AquaCo Filters the license to enter any of the Buyer's premises where the Product is stored, and without notice, to re -take possession of and remove, at the Buyer's cost and expense, the Product in respect of which title has not passed to the Buyer.

RIGHTS FORFEITED

The Buyer forfeits any right or claim against AquaCo Filters warrantee if:

1. The System is operated with a water temperature higher than 48° Celsius.
2. The System is not serviced every 12 months (18 months for whole house water filters). i.e., replacement of filters, PLV check and assessment of general condition of the system. If the drinking water quality is poor, the System should be serviced before 12 months.
3. The System damage results from water hammer, freezing, neglect or is not installed by a licensed plumber in accordance with the AS3500 plumbing code and installation plan.
4. The System is subject to water pressure that exceeds the maximum recommended pressure.
5. The System is not installed with an Australian Standards approved Pressure Limiting and Dual Check Valve.
6. The System has been found to be tampered with or if the goods have not been operated or maintained strictly in accordance with AquaCo Filters' recommendations.

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7. The water supply to the system is not turned off when the residents are away for over 24 hours.

PRICE

- The price charged shall be AquaCo Filters' price ruling at the date of delivery unless otherwise agree in writing. Any price indications or price lists are subject to alterations to AquaCo Filters' price ruling at the date service or goods are supplied.
- Prices are as per AquaCo Filters' wholesale unless otherwise agreed in writing.
- The Buyer is responsible to effect and meet the costs of any insurance cover that is deemed necessary.
- Clerical errors in computations, typing or otherwise of "catalogue, quotation, acceptance, invoice, delivery docket or other document" shall be subject to correction.
- Any goods returned through no fault of AquaCo Filters will be subject to a 15% restocking fee.

DEFAULT

On the happening of any one or more of the following events, namely:

- The Buyer fails to make payment to AquaCo Filters on the due date;
- An administrator or liquidator is appointed over any or all of the assets of the Buyer or a scheme of arrangements is proposed to approve with respect to the Buyer;
- In the case of the Buyer being a natural person, the Buyer commits an act of bankruptcy; then AquaCo Filters may at its option exercise all or any of the following rights (notwithstanding any prior failure to exercise such rights):
 - a. demand payment of the whole of the monies owing from the Buyer to AquaCo Filters and the Buyer agrees to pay the same immediately.
 - B. the Buyer shall pay to AquaCo Filters interest on such amount outstanding at the rate of 2% per month and any costs with respect to solicitors, legal advisors, mercantile agents and other agents acting on behalf of AquaCo Filters in respect of any enforcement hereof or recovery or attempted recovery of monies owing by the Buyer to AquaCo Filters.

SEVERENCE

If any of these terms or conditions become for any reason wholly or partly invalid, that term or condition shall to the extent of the invalidity be severed without prejudice to the to the continuing force and validity of the remaining terms and conditions.

JURISDICTION

AquaCo Filters and the buyer agree that this agreement and its provisions shall be construed in accordance with the laws of the State of Western Australia and be resolved by a Western Australian Court.

WARRANTY/AUSTRALIA

This warranty is given by Water Filters Pty Ltd, ABN 68618671677, telephone no. 1300 70 1300 and email at sales@waterfilter.com.au.

This warranty is provided in addition to other rights and remedies you have under law: Our goods come with guarantees which cannot be excluded under the Australian Consumer Law.

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ABOUT US



Welcome to AquaCo, your trusted partner in water filtration solutions. With over 13 years of dedicated service and a combined experience exceeding 30 years in the water filtration industry, we are proud to have been at the forefront of purifying Australia's water supply. Our mission is simple: to ensure that every Australian has access to the purest water possible.

As a nation-wide leader in water filtration, our reach extends across the entire country. From bustling cities to remote communities, we seamlessly supply and install state-of-the-art filters wherever needed, guaranteeing clean and safe drinking water for all.

At AquaCo, quality is our unwavering commitment. That's why we import premium components from around the globe and assemble our filtration systems in two of Australia's iconic cities: Perth and Sydney. This dual-location operation allows us to cater to diverse needs while maintaining the high standards our customers expect.

We understand the importance of safety and reliability, which is why we only collaborate with licensed plumbers and utilize certified and world-wide tested components in every installation. With our cutting-edge technology, you're not just investing in a filtration system; you're investing in years of research, innovation, and absolute excellence.

Thank you for choosing AquaCo for your water filtration needs. Together, let's ensure a healthier, happier future with clean, pure water for all Australians.

Regards,

AquaCo Filters Team

For the latest information, updates, and to stay informed about water filtration news and cutting-edge technologies, be sure to follow us on:

