

 MONARCH WATER

ADVANCE

SCALEOUT™

INSTALL GUIDE
SA-15 / SA-22 / SA-28 / SA-LC



EVOLUTION SINCE 1964

/ GENERAL DIRECTIONS FOR USE

- To be used with potable water only and with pH levels of 6.5 to 9.5.
- This appliance should only be used for treatment of water which is compliant with the Drinking Water Regulations.
- Protect against possible water hammer.
- Keep protected from sunlight.

/ WARNING

Respect the working conditions, as shown on the sticker affixed to the product. If the sticker is tampered, damaged, not legible or missing, applicable working conditions are:

Maximum operating pressure: 5 bar

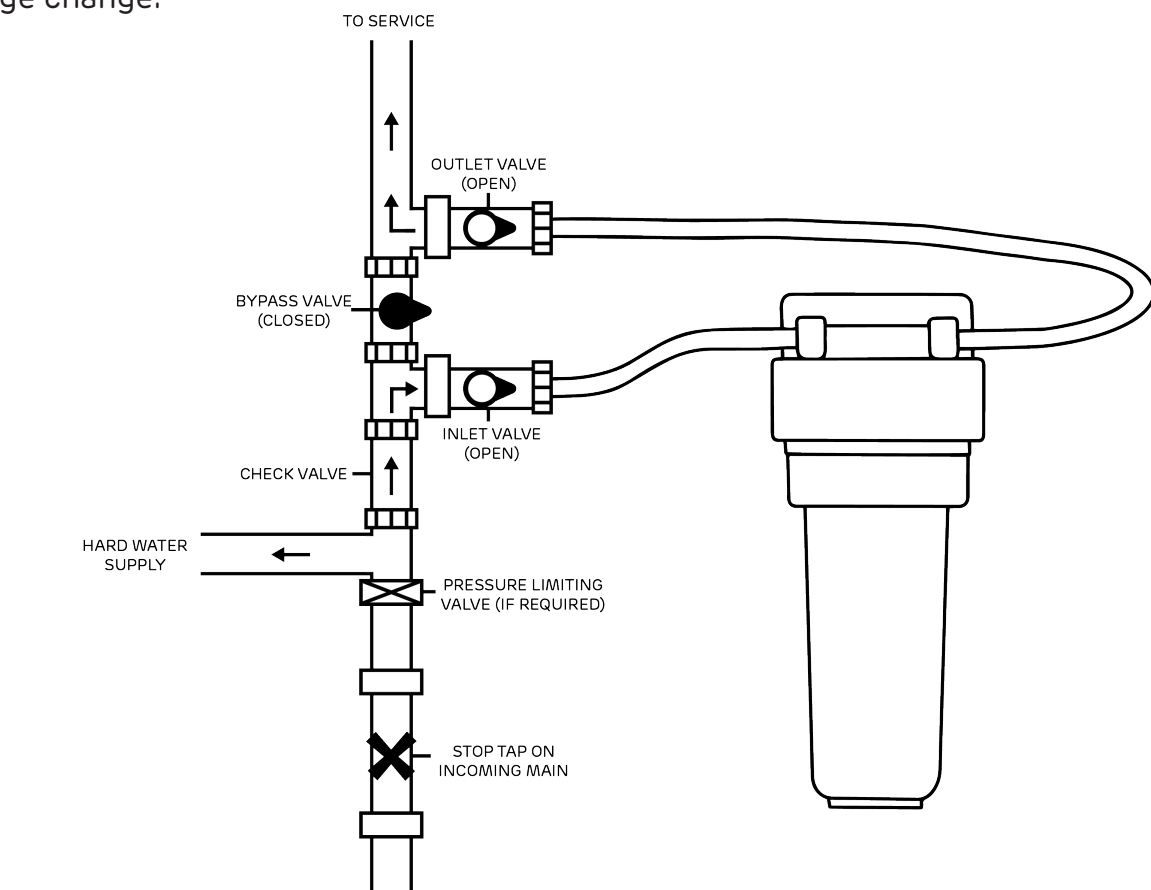
Maximum operating temperature: 45°C

Minimum operating temperature: 4°C

Where daytime water pressure exceeds a static pressure of 3.5 bar (50 psi) a 5 bar water pressure limiting valve on the inlet to your water supply is recommended.

/ INSTALLATION GUIDELINES

1. Install the Scaleout Advance so it is protected from freezing and excessive heat.
2. Ensure 50mm gap is underneath unit for bracket hung models to allow for easy cartridge change.



/ PREPARING YOUR SCALEOUT ADVANCE

1. Undo the housing sump from the head.
2. Remove the cartridge and take it out of its packaging.
3. Lubricate the O ring at the top of the bowl with grease provided.
4. Insert the cartridge back in to the housing with the large black washer at the top. The cartridge should sit in the middle of the housing.
5. Screw the housing sump back in to the head, tighten to seal using the spanner provided.
6. Lubricate the O Rings on the nipples and screw these in to the inlet and outlet of the housing head, tighten to seal.
7. If using the hanging bracket, screw this on to the top of the head with the screws provided. See 2. previous page ref 50mm gap.

/ INSTALLATION

1. Turn off the mains water and open a tap to release any pressure from the system.
2. Decide where the filter housing is to be located and form an installation as per figure A. Ensuring the inlet and outlet connection points are close enough for the hoses to be attached.
3. Connect one of the supplied hoses from the inlet supply to the inlet of the housing, and connect the other supplied hose from the housing to the outlet connection. Be sure to use the washers provided. Tighten all connections to seal.
4. Ensure the bypass valve is open and inlet and outlet valves are closed. Open the mains water to allow water to flush the pipework via the kitchen cold tap. After a few minutes, close tap and check for leaks.
5. Close bypass valve and open both inlet and outlet valves. Flush the unit slowly via the kitchen cold tap. After a few minutes, close tap and check for leaks.
6. Your Scaleout Advance is now ready for use.

/ MAINTENANCE

- Before opening: turn off the water mains and open a tap to release the water pressure.
- If the Scaleout Advance is not in regular use, it is important to flush the cartridge via the kitchen cold tap for 5 minutes prior to use elsewhere.
- If the Scaleout Advance has not been used for more than 2 weeks, it is important to flush the cartridge via the kitchen cold tap for 10 minutes prior to use elsewhere.
- After any maintenance, let the water flow for at least 5 minutes before use.
- We recommend replacing the housing sump every 5 years.

/ REPLACEMENT OF THE CARTRIDGE

Please ensure your Scaleout Advance cartridge is changed every 12 months regardless of use.

1. Before opening the filter housing turn-off the water mains and open a tap to release the water pressure.
2. Remove the housing sump by unscrewing using the spanner originally supplied with your unit.
3. Remove the used cartridge.
4. Wipe clean the inside of the housing sump with cold water and a soft sponge.
5. Open the new cartridge wrap and discard wrap.
6. Put a new cartridge in the container.
7. Tighten the housing sump to housing head using the supplied spanner. Tighten to seal.
8. Turn-on the water mains.
9. Slowly turn-on a water supply (tap) downstream of the filter.
10. Wait for the water to run clear, approx 5 minutes. Close tap and check for leaks.

/ WARNING

After every cartridge change or whenever the filter's sump is unscrewed from its head, ensure there are no water leaks and the housing head and housing sump are securely and correctly tightened to seal. Check for leaks again after 48 hours following the installation or any maintenance. In the case of a leak, open the housing, remove the o-ring from the bowl, place a new o-ring and apply lubricant, then re-tighten the bowl to the head and repeat the leakage check as above. Please ensure only genuine o-rings, lubricant and other spare parts are used.

/ WARRANTY

Your Scaleout Advance comes with a 5 year parts and 2 year labour warranty, please go to monarchwater.co.uk/warranty to register or scan the QR code below:



This warranty has the following conditions, and is not covered by the following;

1. Damage caused by high water pressure, we strongly recommend a 5 bar water pressure limiting valve on the inlet to your water supply, where daytime water pressure exceeds a static pressure of 3.5 bar (50 psi).
2. Your Scaleout Advance is suitable for a mains water supply only.
3. Damage caused by a dirty mains water supply. The installation of a Monarch BB Debris Filter - on the supply to your unit cancels this clause. The majority of debris in water is caused by local authority work on the water main. If notified in advance, by your local water authority, please put your unit into 'bypass'. Please call +44 (0) 1986 784759(opt 1) to speak to our Sales Team regarding our filters.
4. Call outs due to incorrect installation. If you have any queries when installing your Scaleout Advance, please call our Technical Team on +44 (0) 1986 784759 (opt 2).
5. The use of any other hoses than those provided. Under no circumstances use washing machine hoses.
6. The affect of warm water, the blinding of the carbon filter, or chlorine levels higher than 1ppm.
7. Under no circumstances plumb in the unit in solid copper.
8. The installation kit is only covered by the OEM twelve-month parts 'exchange' warranty only.
9. Compensation as a result of cancelled appointments, damage caused by, or incorrect installation of the unit. In the unlikely event of a fault, put the unit onto Bypass, until an engineer calls.

/ HINTS & TIPS

1. Helping your kettle last longer; Your kettle may still have some light, soft scale deposits, this is normal and can be kept to a minimum by running the tap for a few seconds prior to filling. The soft scale deposits are due to the kettle taking the water to boiling point and will not happen elsewhere throughout your system.
2. Toilets, showers, shower cubicle/screen, taps etc; Because there is no direct flow across these surfaces, other than water splashing, the old system scale may need to be removed with a scale remover. Any new accumulation will deposit as a soft scale and can be removed. For best results, wipe away water before being allowed to evaporate.
3. Dishwashers; We recommend that you continue to add a small amount of salt to the appliance as before, as this helps the salt holder in the appliance stay clean. We do not however recommend that crystal glass; solid silver or silver plated items are washed in your dishwasher as etching may occur. For best results use a natural soap detergent/ cleaning agent. On dishwashers connected to untreated water, you should continue to put salt into the dishwasher's own softener. It will help if your dishwasher could be de-scaled prior to the installation of the Scaleout Advance. This would also apply to your shower cubicle too. For best results use a phosphate free dish washing detergent. Scaleout water will become available throughout your system in varying time spans. Conventional systems (tanks in your roof) will take anything from 4-10 days, whilst mains fed pressurised systems will give treated water within 2-3 days. Scaleout water will have no adverse effect in your heating system.
4. Outside tap; It is recommended not to connect your outside tap through your Scaleout Advance. Additionally, in the winter time we recommend that this tap is isolated via an internal valve to prevent freezing.
5. Accumulators; Please ensure that a Scaleout Advance is installed on the outlet of an accumulator.

/ CARTRIDGE CHANGE TABLE

Please ensure your Scaleout Advance cartridge is changed every 12 months.

You can contact our Sales Team on +44 (0) 1986 784759 (opt 1) to order a new cartridge. Quote codes; SA-15RC, SA-22RC, SA-28RC, SA-LCRC depending on your Scaleout Advance model.

Model	
Original install date	
Next cartridge change date	
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