

Valved Head Installation Guide (For All Models)

Thank you for your purchase of an eco3 Valved Head Water Filter. For optimal performance for all models, please follow the instructions in this installation guide. Using an eco3 system outside of these operating parameters may result in poor performance and could invalidate the warranty.

1. Select the 'snap fit' or rotary wall plate mounting. Please note, the rotary wall plate should be used if varying positions are required.



2. Measure and mark the centres of your desired filter location.



3. Screw the 'snap fit' bracket or rotary wall plate into the marked location. If the rotary wall plate option has been used, attach the bracket to the wall plate at the required angle, using the screw provided. Always ensure the location lug is pointing upwards.



4. Locate the filter head into the bracket until you feel it click into place (it will only fit one way - with the black location arrows directly facing you).

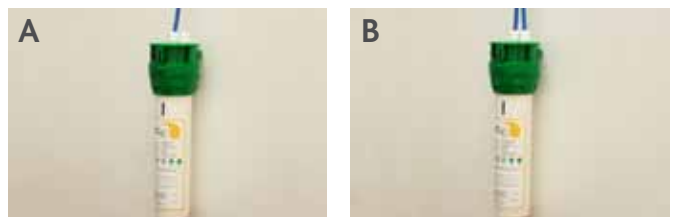


5. The filter feeds from the outer most push fit fitting (on the right when viewed from the front, marked 'in'). Cut the 1/4" O.D. inlet/outlet tubing (not supplied) to the correct lengths, ensuring the cut ends are square and clean.

A - Fit the outlet tubing to the 'out' connector.

B - Fit the inlet tubing to the 'in' connector.

To remove a tube, simply push down on the collet whilst pulling on the tubing.



6. Turn on the water supply and check for leaks. NSF recommend that you flush at least 2 litres of water through the system. Write the installation and filter change dates on the label.



Systems eco3 VH1 G1500_05e, eco3 VH1 G1500_05c, eco3 VH1 S1500_1, eco3 VH1 S1500_5 and eco3 VH1 S3000_5 are tested and certified by NSF International against NSF/ANSI Standard 42 and/or 53 for the reduction of the claims specified on this Installation Guide and at www.nsf.org.

Please visit www.eco3filtration.com to view an installation instruction video
For technical and performance information, please see product label.
For manufacturing information, please see the bottom of the filter system or cartridge.



Cleaner thinking. Greener solutions.



Cleaner thinking. Greener solutions.



Warranty

eco3 systems (excluding replacement cartridges) are covered by a limited warranty against defects in material and workmanship for a period of 5 years after date of purchase. Replacement cartridges are covered by a limited warranty against defects in materials and workmanship for a period of 1 year after date of purchase.

Operation Tips

- Change cartridge every 6 months
- Change cartridges when capacity is reached or when pressure falls below 10 psi
- Flush for 2 litres following initial installation and cartridge change

Installation/Replacement Tips

- On installation allow room around the clamp ring to grip and rotate
- Minimum 30mm vertical clearance below base of housing for cartridge change
- On replacing cartridge in sump, align arrow on cartridge top metal plate with arrow on sump – insert and rotate clockwise as per “IN” arrow to stop
- To reconnect to head, align arrows on head and sump, push sump into head and rotate clamp ring counter-clockwise
- Apply new change date label over existing main product label

Performance

Systems eco3 VH1 G1500_05e, eco3 VH1 G1500_05c, eco3 VH1 S1500_1, eco3 VH1 S1500_5 and eco3 VH1 S3000_5 have been tested according to NSF/ANSI 42 and 53 for reduction of the substances listed below. The concentration of the indicated substances in water entering the system was reduced to a concentration less than or equal to the permissible limit for water leaving the system, as specified in NSF/ANSI 42 and 53.

| Substance | Influent challenge concentration mg/L | Maximum permissible product water concentration | Reduction requirement |
|---|---|---|-----------------------|
| Lead* | 0.15 mg/L ± 10% | 0.010 mg/L | |
| Chlorine | 2.0 mg/L ± 10% | - | ≥ 50% |
| Asbestos* | 10 ⁷ to 10 ⁸ fibres/L; fibres greater than 10 µm in length | - | 99% |
| Particulate, Class I particles 0.5 to <1 µm | at least 10,000 particles/mL | - | ≥ 85% |
| Particulate, Class II particles** 1 to <5 µm | at least 10,000 particles/mL | - | ≥ 85% |
| Cyst*† | minimum 50,000/L | - | 99.95% |

*Only system eco3 VH1 G1500_05e has been tested for the reduction of lead, asbestos and cyst.

**Only systems eco3 VH1 S1500_5 and eco3 VH1 S3000_5 have been tested for the reduction of Class II Particles.

†Only system eco3 VH1 G1500_05c has been tested for the reduction of cyst.

Warning

Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system. Install in cold water applications only. The contaminants removed by this water filter are not necessarily present in all water. Systems certified for cyst reduction may be used on disinfected water that may contain filterable cysts.

Whilst testing was performed under standard laboratory condition, actual performance may vary.

We recommend regular replacement of the filter cartridges - change the cartridge at least every 6 months.

Do not install if water pressure exceeds 120 psi. If your water pressure exceeds 80 psi, you must install a pressure limiting valve. Do not install where water hammer conditions may occur. If water hammer conditions exist you must install a water hammer arrester. Contact a plumbing professional if you are uncertain how to check for these conditions. Installation and use must comply with all State and local plumbing laws and regulations. Improper installation may result in property damage due to water leakage.

For replacement parts or further product information contact

www.eco3filtration.com | UK & Europe: +44 161 941 6003
USA: +1 877 291 0330



Icon Technology Systems Limited, The Court House, Altrincham, UK, WA14 1DU
PO Box 801208, 5330 Brookstone Dr, NW STE 250, Acworth, GA 30101