



EVERPURE 4FC-S DIRECT KIT PART # EPHK1 INSTALLATION INSTRUCTIONS

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1. IMPORTANT: Before You Begin

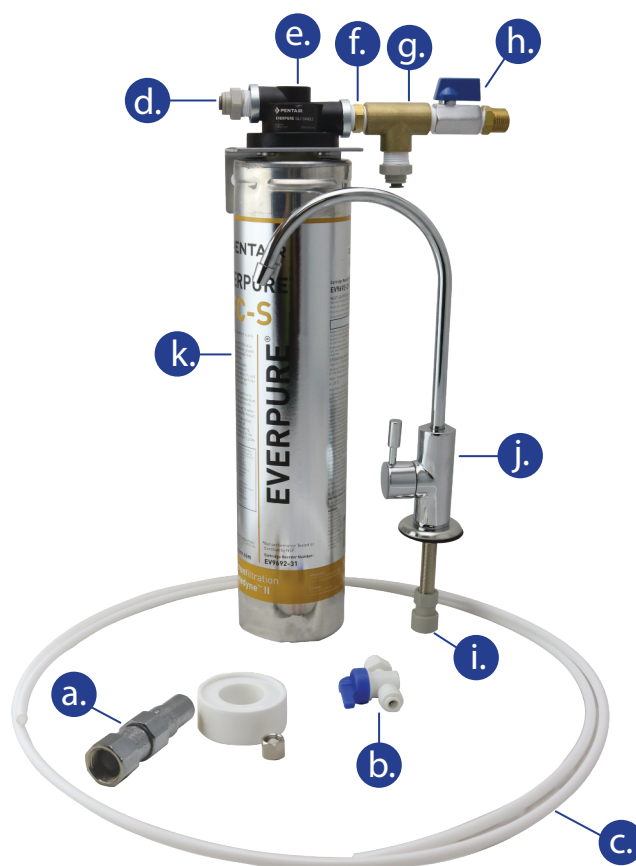
- Please read these instructions carefully and retain for future reference.
- For correct operation of this appliance, it is essential to strictly observe these installation and operating instructions.
- Do not use this product with water that is microbiologically unsafe or water of unknown quality without adequate disinfection before or after this system.
- Installation must comply with any existing State or Local Plumbing codes. Some Plumbing Codes require the installation of water filter systems to be carried out by a licensed plumber.
- For COLD water use only. Maximum temperature 38°C. Minimum temperature 2°C.
- For internal use only.
- The inlet water pressure to this water filter housing must not exceed 900kPa (130psi).
- A certified pressure limiting valve not exceeding 650kPa (95psi), dual check backflow prevention valve must be installed on the inlet line immediately preceding this water filter housing. This valve is included with this system (see Item A in Parts Section).
- We also recommend the installation of a water hammer protection device to protect the water filter housing and its installation. Where water hammer problems exist, a water hammer protection device must be installed. Symptoms of water hammer can be noisy, shuttering and banging pipes when water consuming appliances are operating or taps are turned off. Should the system not be used for 2 days or more, flush 1-2 litres of water through the system before consuming the water.
- To ensure the high level of performance and protection provided from this water filter system, only use Bombora replacement cartridges which have a maximum cartridge life of 12 months.



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2. INCLUDED PARTS

- a. Pressure Limiting Valve
- b. Inlet Ball Valve
- c. Polypropylene Tube
- d. Filter Head inlet connector
- e. Filter Head Assembly
- f. Filter Head Outlet Nipple
- g. Coffee and Faucet Line Tee
- h. Coffee Line Ball Valve
- i. Faucet Connector
- j. Chrome Faucet
- k. Filter Cartridge



3. INSTALLATION INSTRUCTIONS

Important information. Please read carefully.

Please Note: Where thread sealing is required, please use the thread tape supplied.

3.1. To Begin:

NOTE: We recommend mounting the water filter system as far away as possible from the dishwasher and hot water pipes to reduce heat exposure to the system.

NOTE: The plumbing installation kit supplied with this water filter system provides plumbing fittings that will allow easy installation on an auxiliary under-sink tap. In the rare case that none of these connections are available you will need a plumber to cut the cold water supply pipe and install.

- i. Turn water supply OFF at mains or other suitable isolation point.
Turn ON cold water tap at sink to check water supply is OFF.
- ii. Unpack the water filter system and identify all components as outlined in the Included Parts list.
- iii. Mount the filter cartridge *vertically* in the selected location with the mounting screws provided. Ensure water flows through the filter corresponding with arrows on the head of the filter (E). Allow approximately 63.6 mm clearance under the water filter cartridge for ease of removal.
- iv. The first step of the installation procedure is to obtain a water supply for the filter system. Check the plumbing configuration under your sink, select which of the following installation methods is best suited to your plumbing installations.



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INSTALLATION INSTRUCTIONS

3.1.1 Auxiliary Tap Connection:

1. Wrap thread tape around the inlet ball valve (B). And screw the Inlet Ball Valve into the base outlet port of the multi-function control valve (A) until it is tight.
2. Using the thread tape, screw multi-function control valve (A) onto tap end.
3. Move on to Section **3.2. Plumbing in Your System**.

NOTE: With this connection, the brass reducing nipple (K) is not required.

3.2. Plumbing in Your System

1. Drill a 12mm (1/2") hole in the desired location on the sink bench top. We suggest placing masking tape over drill spot to prevent drill movement. Drill a 3mm pilot hole first, followed by a 12mm (1/2") hole for the faucet (J) shaft. Good quality, sharp drill bits and coolant are recommended. Seek professional advice before attempting to drill into Marble, Granite or similar surface materials.
2. Mount the dedicated chrome faucet (J) into the bench top and place the chrome Escutcheon and large rubber washer on the brass stem of faucet.
3. Place the faucet stem through mounting the hole, and attach the small rubber washer then the metal/plastic washer, followed by the metal locking washer and nut. Tighten the nut ensuring that the faucet lever is located in the direction required for your application.
4. Screw quick connect faucet connector (I) onto the shaft of the faucet. This fitting does not require thread tape and should be tightened (but not over-tightened) to prevent water leaks.

NOTE: All fittings provided for water tubing are quick connect push-in fittings. No tools or sealing materials are required. It is important that tube is cut to length (if required) with straight square cuts and pushed firmly into fittings to seal. To install tubing, immerse the end of the tubing in cold water to lubricate prior to pushing into the fitting.

5. Measure a length of white tubing (C) to run from the bottom of the fitting (I) on the faucet, to the outlet connection (F) on the water filter system. Ensure you measure the length accurately and allow for tubing to be run neatly through the cupboard. Push tubing firmly into the faucet fitting, ensuring it is fully sealed. Push the other end into the Faucet Line outlet connection on Filter Head (F).
6. Take the rest of the tubing (C) and connect from inlet connector (D) to the Inlet Ball Valve (B) attached to the PLV (A), previously installed on water supply. Again, ensure that the tubing is pushed firmly into these fittings.
9. Connect 3/8" Braided hose line from the coffee Machine (not included) to the outlet of the Coffee line Ball Valve (H)
10. Turn ON the water supply that was closed during installation. Slowly open the dedicated faucet (J) to release any trapped air.
11. Neatly attach the water tubing to the cupboard walls with clips and screws provided.

NOTE: Do not pull or tightly bend tubing where it connects to quick connect fittings as this may cause leaks.

Check System connections to ensure that there are no leaks.



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4. Replacing the Filter Cartridge

NOTE: The Direct KIT Does not have an auto shut-off valve within the head and will require the water to be turned off at the inlet ball valve (B)

To replace the filter cartridge:

1. Turn off your incoming water supply by turning the top blue handle on your inlet ball valve (B)
2. Close the Coffee Line Ball valve (H).
3. Open your Faucet (J) to relieve any pressure from the line and cartridge and then close
4. Turn the cartridge (L) Clockwise and gently pull downwards to remove, and discard the old filter.
5. Insert the new filter cartridge vertically into the filter head and turn anti clockwise until securely in place.
6. Open the faucet (F) and rinse the filter system until the filtered water runs clear without carbon fines or bubbles. This can take up to 2-5 minutes. If your water appears "milky", run the water a little longer. This is caused by tiny air bubbles and is harmless.
7. Open the Coffee Line Ball Valve (H) to allow water to flow to the Coffee machine

NOTE: After carrying out maintenance, we recommend you observe for possible water leaks for a day or so.

HANDY HINT: To alter tubing, or if a leak occurs at tubing connections, remove tubing from push in connectors by simply holding back the floating collet around the tube where it enters the quick connect fitting and pull gently on the tubing to remove. Make sure end of tube is cut square and not distorted. Refit and test.

5. Warranty Information

The SCALE KIT Water Filter System is designed to operate at a maximum pressure of 900kPa (130psi) and at a maximum temperature of 38°C. Bombora Supplies warrants this system to be free from defects in material and workmanship for a period of Three (3) years from the date of purchase. Warranty period excludes cartridges which are consumable.

This warranty is expressly limited to repair or replacement at our premises of any part or parts proving defective providing purifier has been installed in accordance with our Installation Instructions, and that pressure and temperature do not exceed limits stated herein. This warranty does not extend to mechanical damage. This warranty is given in lieu of all other expressed or implied warranties or conditions and Bombora Supplies will not be held liable for damages or delays caused by defects. Bombora Supplies will not be held responsible for any unauthorised repairs. Any damage caused by an unauthorised repairer will void this warranty.

Register your 3 year warranty now by calling 1300 742 249 or log on to our website noted below. Quote the replacement part number of your filter. Once registered, we will send you a friendly 12 month reminder.