



BRITA C50KIT DIRECT PART # C50KIT INSTALLATION INSTRUCTIONS

Please read carefully and retain for future reference.

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1. Important Information

- 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 10 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.
- After installation, check the output water with a test strip and then test every 6-8 weeks afterwards to establish your filter life based on your average use. The TH reading should be below low range (less than 80PPM). If you get a higher reading than this on installation, call us to discuss adjusting your bypass setting or restricting water flow further. Suggested filter cartridge change is 12 months or when the softening capacity is diminished (over 80 PPM TH), whichever comes sooner.



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PART # C50KIT

INSTALLATION INSTRUCTIONS

2. Included Parts

- a) Filter Cartridge
- b) Filter Head Outlet
- c) Filter Head Assembly
 - i. 3/8" Female Fitting to 3/8" Quick Connect Fitting
 - ii. 3/8" Stem Fitting to 1/4" Quick-Connect Fitting
 - iii. 3/8" Female Fitting to 3/8" Quick Connect Fitting
 - iv. 3/8" Stem Fitting to 1/4" Quick-Connect Fitting
- d) Filter Head Inlet
- e) Polypropylene Tube
- f) Hose Quick Connector
- g) Pressure Limiting Valve
- h) Faucet Connector
- i) Chrome Faucet
- j) Brass Nipple
- k) Thread Seal Tape



3. Filter Head Assembly Instructions

Using the Thread Seal Tape (k) wrap the male thread located on the inlet and outlet sides of the Filter Head Assembly (c) with 3-4 revolutions of tape.

1. Attach the first 3/8" Female Fitting to 3/8" Quick Connect Fitting (c.i.) to inlet side of the Filter Head Assembly (c) with your hand until tight and then complete the last half turn with a shifter. **NOTE: Do not overtighten. This may cause fittings to snap.** Attach the second 3/8" Female Fitting to 3/8" Quick Connect Fitting (c.iii.) to the outlet side of the Filter Head Assembly (c) with your hand until tight and then complete the last half with a shifter. **NOTE: Do not overtighten. This may cause fittings to snap.**
2. Insert the first 3/8" Stem Fitting to 1/4" Quick-Connect Fitting (c.ii.) in to the first 3/8" Female Fitting to 3/8" Quick Connect Fitting (c.i.). Insert the second 3/8" Stem Fitting to 1/4" Quick-Connect Fitting (c.iv.) in to the second 3/8" Female Fitting to 3/8" Quick Connect Fitting (c.iii.).



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4. Installation Instructions

- **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.
- **NOTE:** Where thread sealing is required, please use the thread tape supplied.

To Begin:

1. Turn water supply OFF at mains or other suitable isolation point. Turn ON cold water tap at sink to check water supply is OFF.
2. Unpack the water filter system and identify all components as outlined in the Included Parts list.
3. 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 **(C)** Allow approximately 40mm clearance under the water filter cartridge for ease of removal.
4. 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.

4.1. Auxiliary Tap Connection:

1. Wrap thread tape around the Hose Quick Connector **(f)** and screw the Hose Quick Connector **(f)** into the base outlet port of the PLV until it is tight.

NOTE: Position of stopper nut and straight connector are interchangeable and can be reversed if better suited to application.

NOTE: Do not over tighten hose quick connector as it will protrude too far into multi-function valve and reduce water flow.

2. Using thread tape, screw PLV **(g)** onto tap.

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



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5. Plumbing in Your System

1. Drill a 12mm (1/2") hole in the desired location in 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 faucet shaft. Good quality, sharp drill bits and coolant are recommended. Seek professional advice before attempting to drill marble or similar surfaces.
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.
4. Screw Quick-Connect Faucet Connector **(h)** 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 **(e)** to run from the bottom of the Faucet Connect Fitting **(h)** on the faucet, to the outlet connection **(b)** on the water filter system. Ensure you measure 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 outlet connection on filter system **(b)**.
6. Take the rest of the tubing **(e)** and connect from inlet connection of filter system **(b)** to the Hose-Quick Connector **(f)** PLV **(g)**, previously installed on water supply. Again, ensure that the tubing is pushed firmly into these fittings.
7. Connect the 3/8" braided hose line to the coffee line outlet located on the tee section of the filter outlet **(d)**.
8. Turn ON the water supply that was closed during installation. Slowly open the dedicated faucet **(i)** to release any trapped air.
9. 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 that there are no leaks.

6. Replacing the Filter Cartridge

NOTE: The C50 filter has a shut-off valve at the filter head.

The replace the filter cartridge:

1. Rotate the locking handle to divert the water and release the cartridge. Press the flush valve located on the top of the head to depressurise the filter.
2. Pull the cartridge downwards to remove, and discard the old filter.
3. Insert the new filter cartridge vertically into the filter head and turn the locking handle until you hear it click.
4. Operate the flush valve 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.

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 cusquare and not distorted. Refit and test.

7. Warranty Information

The C50KIT 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 Two (2) 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 2-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.