



# BRITA C150 PLV KIT FINEST PART # C150PLVKIT-FINEST

# 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 indoor 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 Brita 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.

### 2. Included Parts

- a. Brita C150 Finest Filter Cartridge
- b. Filter Head Inlet – 3/8" Female Thread to 3/8" BSP Quick-Connect
- c. Brita PURITY Filter Head Assembly
- d. Poly Tube – 3/8"
- e. Hose Quick-Connect Fitting – 1/4" Male Thread to 3/8" Quick-Connect Tubing
- f. Pressure Limiting Valve – Stainless PLV 1/2" Female to 1/4" Female
- g. Thread Seal Tape
- h. Brass Nipple – 3/8" Male to 1/2" Male Brass Nipple (Only use if required)





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# INSTALLATION INSTRUCTIONS

## 3. Plumbing in Your System

1. Turn off the cold water connection tap and vent any excess water from an available downstream outlet until the water has stopped flowing.
2. Using the Thread Seal Tape (**g**) provided, wrap the male thread from the cold water line with 3-4 revolutions of tape, ensuring that there is approximately 2-3mm of clearance at the tip of the fitting. (This clearance helps to align the two opposing threads).
3. Thread the PLV (**f**) on the cold water supply line by turning the valve anti-clockwise until hand tight and then complete an additional half turn using a shifter.
4. Use the Thread Seal Tape (**g**) to wrap the male thread of the 1/4" to 3/8" Quick-Connect Fitting (**e**) with 3-4 revolutions of tape.
5. Thread the male end of the 1/4" to 3/8" Quick-Connect Fitting (**e**) into the female end of the PLV (**f**) 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.**
6. Locate a suitable position in your undersink area and place the grey filter head bracket on the Filter Head Assembly (**c**) against the side wall and mark out the two screwholes with a pencil. Pre-drill two 3mm holes and then screw in two self-tapping screws (not provided). Remember to leave at least 100 mm of clearance beneath the base of the filter cartridge.
7. Use the Thread Seal Tape (**g**) to wrap the male thread located on the inlet side of the Filter Head Assembly (**c**) with 3-4 revolutions of tape.
8. Thread the female end of the 3/8" Female to 3/8" Quick Connect fitting (**B**) on to the male end of the Filter Head (**C**) inlet 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.**
9. Measure a length of white tubing (**D**) to run from the bottom of the Quick-Connect Fitting (**e**) at the base of the PLV (**f**) to the Quick-Connect Fitting (**b**) located on the inlet side of the filter head. Ensure that you measure length accurately and allow for tubing to be run neatly through the cupboard. Push tubing firmly into each fitting, ensuring it is fully sealed. **NOTE: Do not pull or tightly bend tubing where it connects to quick connect fittings as this may cause leaks.**
10. Use the Thread Seal Tape (**G**) to wrap the male thread located on the outlet side of the Filter Head Assembly (**c**) with 3-4 revolutions of tape.
11. Mount the Filter Head Assembly (**c**) on to the grey bracket that is fixed to the wall using the two female holes on each side of the head.
12. Connect your 3/8" female braided hose connection (not provided) 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.**
13. Insert the new filter cartridge (**a**) vertically into the filter head and turn the blue locking handle on the sides of the Filter Head Assembly (**c**) until you hear it click.
14. Once the braided hose is connected to your faucet, coffee machine or other down stream equipment, turn on the water supply and check all connections for leaks.
15. Operate the flush valve located on the top of the Filter Head Assembly (**c**) 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.
16. Re-check for any leaks at all connection points

**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.

## 4. Warranty Information

The C150PLVKIT-FINEST 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.**