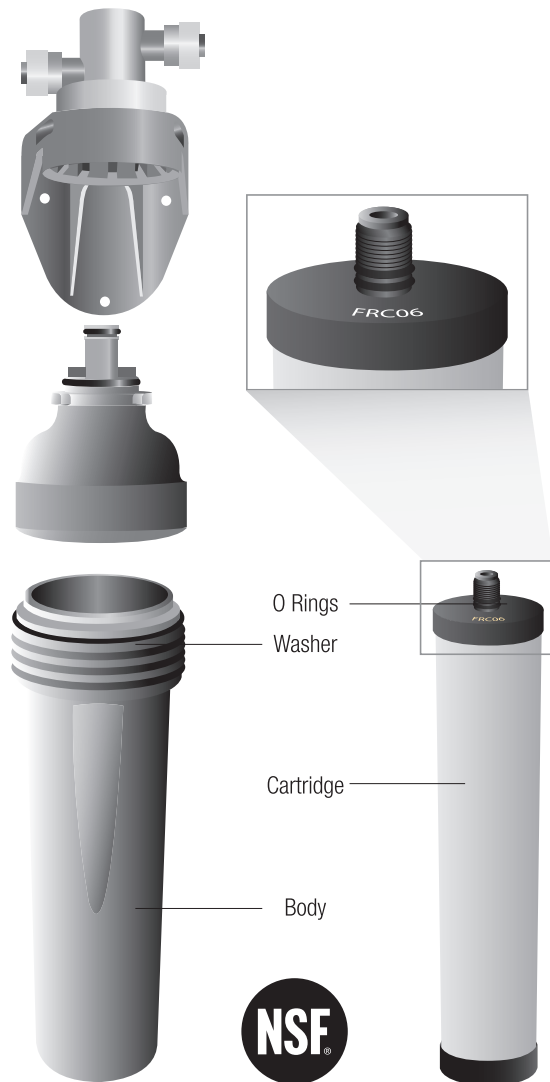


Installation & Conditioning Instructions

Filter Model No. FRCNSTR100/FRC06 Drinking Water Filter Installation and Conditioning Instructions



System Tested and Certified by NSF International against NSF/ANSI Standards 42 & 53 for the reduction of:
Chlorine (Taste & Odour);
Particulate;
Turbidity;
Cysts (including Giardia and live Cryptosporidium)
and Lead

Replacement Cartridges:

FRC06 Filter Cartridges

Rated Service Flow: 1.9 litres/min. (0.5 gallons/min.)

Rated Capacity: 2300 litres (600 gallons)

Maximum Working Pressure: 90 psig (6 bar)

Maximum Working Temperature: 30°C (86°F)

Minimum Operating Pressure: 10 psig (0.69 bar)

Minimum Operating Temperature: 5°C (41°F)

Systems tested for Cyst Reduction may be used on disinfected water that may contain filterable Cysts.

The substances reduced by this device are not necessarily in your water.

Do not use where water is microbiologically unsafe or of unknown quality without adequate disinfection before or after the systems.

PLEASE NOTE: State of Ma. Follow Mass plumbing code. A licensed plumber is required. It is important that local laws and regulations are observed and that all selected fittings comply with such regulations.

Fitting Instructions

- Select a position for the filter near to the incoming water supply and the tap/faucet.
PLEASE NOTE: This filter is not designed for the treatment of hot water and should only be connected to the cold water supply.
- Make sure that the filter is located so that the connecting pipework does not have any sharp bends in it.
- For easy servicing of the filter there should be at least 4 inches (10 cm) of clearance below the body of the filter to allow for removal of the element for renewal.
- The filter is supplied with 3/8" (inch) push fit connections.
- Medium density polyethylene 3/8" tubing is recommended for connection.
PLEASE NOTE: Push fit connections are not recommended to be used with chromium plated tubes as they may slip out of the connection, potentially causing leakage.
- Be sure to follow the instructions provided with your Franke Point-of-Use faucet during installation of that item. Only 3/8" tubing should be used to connect the faucet and filter.
NOTE: Franke brand dispensing faucet must be used for warranty purposes. Use of any product not of the Franke brand will invalidate the product warranty.
- Attach the filter head to the wall/unit with the 3 fixing screws provided.

- Shut off the main water supply and connect the upstream and downstream pipework to the filter. Ensure that the arrows on the inlet and outlet of the head are showing the correct direction of flow and that tubing is pushed into the push fittings to a minimum of 0.75" (18mm) depth.

PLEASE NOTE: Before inserting the tubing into the push fittings, ensure the ends of the tubing are cut square and free of burrs, both inside and outside. Ensure there are no gouges, scratches or any other form of damage within 1" (25.4mm) from the cut end of the tubing. Damage in this area can cause leakage.

DO NOT use tools on or modify the push fitting connections as this could damage the connection resulting in leaks and will invalidate the product warranty. The push fittings should be installed by hand, just press the tubing firmly into the fitting until it stops. The tubing can also be removed by hand by pressing the collet on the push fitting to release the hold on the tubing, and gently pulling the tubing out of the push fitting.

DO NOT use any thread sealant, plumbers putty, glue, or other adhesive agents or chemicals on the push fittings. This can damage the o-rings inside the push fittings and can cause leakage. Any foreign substances used on the push fittings will invalidate the product warranty.

9. Remove all packaging from the filter cartridge. Check that the sealing 'o' rings are fitted onto the thread of the new cartridge, moisten the 'o' rings before screwing the cartridge into the filter cap.
10. Slide the filter body over the filter cartridge. Check that the cap/body sealing washer in the filter body is located correctly and screw the body into the cap.
11. Align the arrows on the cap and head to the 'unlock' position and push the assembled filter firmly into the head until it clicks into position. Twist the filter body in a clockwise direction until the arrows are aligned in the 'locked' position.
12. Wipe the housing clean with a damp cloth, the filter system should now be ready for pressurization.

Conditioning the Ceramic Filter

13. With the tap/faucet in the on position, gradually turn the main water supply on until the flow from the tap has stabilized.
14. Close the tap/faucet and ensure that there is no water leaking from the system joints.
15. When the system has been confirmed watertight, open the tap/faucet and allow the water to run for a minimum of 10 minutes. When water first comes out, it is normal for some grey dust to be flushed from the filter.
16. Allow the filter to stand for 24 hours to condition the filter to the source water and then flush for a further 10 minutes.
17. The filter is now ready for use and the filtered water can be used for drinking and preparing food

Replacing the Filter

18. Once the filter cartridge has been used to the specified capacity, it needs to be replaced.
19. Note: If the filter has had little use prior to servicing, twist to the 'V' vent position and open the user faucet (to relieve pressure in the canister), leave faucet in the open position until canister body is removed.
20. Place a bowl under the filter body, grab the filter cap and twist counter clockwise to the 'unlock' position (the water supply is automatically shut off when in the 'unlock' position) and pull down to disengage the filter body from the head. Empty the water in the filter body into the bowl.
21. Unscrew the filter cap from the body and then unscrew the cartridge from the filter cap and wrap in a plastic bag or newspaper for disposal with your household waste.
22. Replace and condition the filter cartridge as described in steps 9-16.
23. It is important to wash your hands thoroughly after servicing the filter.

When Leaving on Vacation and to Winterize the Unit

If you plan to be away from home for extended periods, or the filter housing may be subject to the risk of freezing, shut off the main water supply then carry out stages 19-20 and then follow stages 11-12. When the risk of freezing subsides and you wish to use the system again turn on the main water supply and carry out stages 13-17.

PLEASE NOTE: Allowing the unit to freeze will invalidate the product warranty.

For full warranty information please visit www.frankeksd.com

Parts and Service Availability:

Only genuine Franke replacement cartridges are designed to be compatible with this product. Using or attempting to use any replacement cartridge not branded Franke could cause damage to the product and will immediately void the product warranty. For sales, service, and replacement parts please contact your local Franke distributor.

Pressure Information

This filter has satisfied the NSF Stds 42 and 53 structural test criteria. However, due to the potential wide variations of pressures from one installation to another, the manufacturer advises that if there is any concern that the system would see pressures above 6 bar (90psi) then an approved pressure reducing valve set at 6 bar (90psi) should be installed upstream of the filter to eliminate continued high pressure.

Note: Water fittings for use in permanently pressurized systems have a finite life. It is important that the plastic components in the system are replaced after 10 years usage.

Cleaning the System

To clean your housing, wipe externally with a warm damp cloth. The following substances should be avoided:

- Strong oxidizing agents such as bleach or Milton solution
- All strongly acidic materials including some descalents
- Strong alkaline materials

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