



## **COLDSTREAM UNDERCOUNTER WATER PURIFIER SYSTEM**

Congratulations on purchasing your Coldstream Undercounter Water Purifier System. Using our leading anti-microbial and chemical contamination filtration technologies, Coldstream filters will consistently produce safe, great tasting drinking water providing you follow these simple instructions. We are here to help, so please contact us using the information below if you have questions regarding your filter system installation or usage.

To help make fitting your filter as easy as possible, we have installation videos to guide you each step of the way. To watch, scan the QR code on the last page of this leaflet with the camera on your mobile phone or visit our website to learn more about the features of your product and how to ensure you get the best from it.





This product must be installed by a person competent in plumbing.

## INCLUDED IN THE BOX



**A** High-quality blue filter housing unit

**B** Coldstream Max water purifier  
(Part Number CF521W)

**C** Filter housing ring spanner

**D** Blue filter housing bracket  
with screw fittings

# FITTINGS AND TOOLS REQUIRED

To install this water purifier system, you will need the fittings to suit your individual plumbing situation. These can be ordered through [www.coldstreamfilters.com](http://www.coldstreamfilters.com) and the range includes:

- 15mm cold mains pipe plumbing kit (Part Number CP653E), usually suitable for a European installation



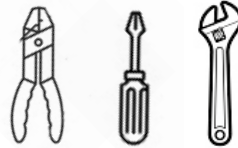
CP653E

- ½" cold-water mains pipe plumbing kit (Part Number CP653A) usually suitable for a USA installation

The kits contain the fittings required to install the filter housing unit between your cold-water mains pipe and a 7/16" BSP threaded tap or faucet.

To instal your water filtration system, you will require the following tools:

- Pipe cutters
- Phillips cross head screwdriver
- Adjustable spanner, up to 22mm



This undercounter system should be used with a Coldstream CF521W Max water purifier to achieve optimum flow rate and contaminant removal performance. For further information, please see the Coldstream Filter Performance Datasheets.



CF521W

# ASSEMBLY PROCESS



**During assembly, cleanliness is paramount. Ensure that you wash your hands thoroughly prior to assembly. Unpack the box and familiarise yourself with all the components. Ensure you have all the required plumbing fittings to complete the installation.**

## INSTALLING THE FEED VALVE FOR THE NEW FILTER HOUSING

**TO BE CONNECTED TO COLD WATER MAINS PIPE ONLY.**

1. Isolate and turn off the water supply to the cold-water pipe that feeds the existing tap.
2. Open the existing tap or faucet to relieve any remaining water pressure.
3. Position a container below the desired position for the T piece valve to catch any spills. Cut into the cold-water supply pipe that goes to the existing tap or faucet and install a T piece valve. Coldstream recommend John Guest fittings for ease of installation. The valve will be the feed to the new filter housing unit.

## INSTALLING THE FILTER HOUSING

4. You will need to use push fit connectors that can be screwed into the ½" BSP housing inlet and outlet points and tightened. Coldstream recommend John Guest connectors PI011224S, available from the Coldstream website (Part Number DP235).

5. Attach the blue filter housing bracket to a suitable vertical surface under the sink, using appropriate screws for the substrate, e.g. brick, engineering block, plasterboard, wood screws and rawlplugs, etc.
6. Screw the housing head to the bracket using the four Phillips screws supplied.



7. Use the filter housing ring spanner provided to check that the housing base is tight to the housing head



## ASSEMBLY PROCESS CONT.

- 8.** Cut the 3/8" plastic piping into two lengths, allowing sufficient slack between the T piece valve and the filter housing and between the filter housing and the tap or faucet. Coldstream recommend using John Guest plastic piping PE-12-E1-0500F-W.
- 9.** Identify the water flow direction on the top of the housing unit and push one length of the 3/8" pipe into the T piece valve push fit outlet and the other end into the push fit connector in the inlet (labelled IN) of the housing.
- 10.** Screw a tap push fit connector (3/8" push fit to 7/16" UNS thread) onto the inlet tube of the tap or faucet. Coldstream recommend John Guest connectors CI3212U7S-N, available from the Coldstream website (Part Number DP326).
- 11.** Push one end of the second length of 3/8" pipe into the housing outlet push fit connector (labelled OUT) on the housing and the other end into the push fit connector screwed to the inlet of the tap or faucet.
- 12.** With the T piece valve in the OFF position, open the cold-water mains supply valve and check for leaks between the T piece valve and the cold-water mains supply.
- 13.** With the tap or faucet in the OFF position, open the T piece valve and again check for leaks on the outlet of the T Piece valve, the inlet and outlet to the housing and the tap or faucet push fit connector.
- 14.** If there are no leaks, open the tap or faucet and allow any trapped air to escape. Filtered water should then flow normally.
- 15.** Find a suitable location to store the filter housing ring spanner as this will be required to change the filter in the future.
- 16.** The Max water purifier contains carbon, this is natural form of carbon and it removes chemicals from the water. It is normal to see some dark particles in the water after a new filter is fitted as the water first passes through it. Run the water for 5 minutes after installing a new filter and this will clear the particles. The water filtration system is now ready for operation.



During a new filter installation, cleanliness is paramount. Ensure that you wash your hands thoroughly prior to installing a new filter.

## TO INSTALL OR CHANGE YOUR FILTER

Your Coldstream MAX water purifier has been developed and tested to last for a 10,000 litres lifespan, within an average household this will be around 5-6 months. For more information about when to change your filter, please see the specific page on our website or contact us with any questions.

1. Turn off the water supply at the T piece valve. Relieve the water pressure by turning on the tap or faucet. Position a container below the filter housing unit to catch any spills. Unscrew the filter housing cover from the housing base using the filter housing ring spanner by unscrewing in an anticlockwise direction.
2. Empty the filter housing body of water. Carefully remove the filter and put to one side. Check that the black washers at either end of the old filter have been removed. Remove the new replacement filter from its packaging. Fit the black washers supplied with the new filter on each end of the filter. **Check the end of the filter with the hole in it is facing upwards.** Lower the filter into the housing cover and screw the housing cover in a clockwise direction into the housing head until it is hand tight. Using the filter housing ring spanner, tighten the housing cover to the housing base. Turn off the tap or faucet, turn on the T piece valve and check for leaks.
3. If there are no leaks, open the tap or faucet and allow any trapped air to escape. Filtered water should then flow normally.
4. The Max water purifier contains carbon, this is natural form of carbon and it removes chemicals from the water. It is normal to see some dark particles in the water after a new filter is fitted as the water first passes through it. Run the water for 5 minutes after installing a new filter and this will clear the particles. The water filtration system is now ready for operation.
5. If the filter is not used for 5 days or longer, it is recommended that the filter is flushed by opening the tap or faucet and discarding 2 litres of water. This is because stagnant water between the tap and the filter may collect bacteria and this needs to be flushed away before the water is consumed.

# CLEANING YOUR COLDSTREAM FILTER

1. If after usage the flow rate falls, it may be possible to extend the life of your filter and improve the flow rate. Wash your hands before and after handling water filters.
2. Remove the filter from the housing by following the install or change your filter instructions.
3. Before cleaning, ensure the cleaning water doesn't enter the filter outlet hole.
4. Carefully clean the outer surface of the filter lightly with a scouring pad under cold running water.
5. Refit by following the install or change your filter instructions. Always wash your hands thoroughly before and after cleaning your filter.
6. The Max water purifier ceramic colour will change from blue to white when it is time to change the filter, see image. Replacement filters are available from the Coldstream website (Part Number CF521W).
7. We recommend that this filter is replaced every 5-6 months or when the blue ceramic turns to white when cleaning.



We hope you enjoy your filtered water. Please join our community on social media using the QR code to receive product information, promotions and special offers.



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