



Eco Solution

Think green!



NOTE!

The ceramic filter must
be assembled before use!

The ceramic filters is not pre-assembled to
avoid damage during transportation.

User manual

ASSEMBLY

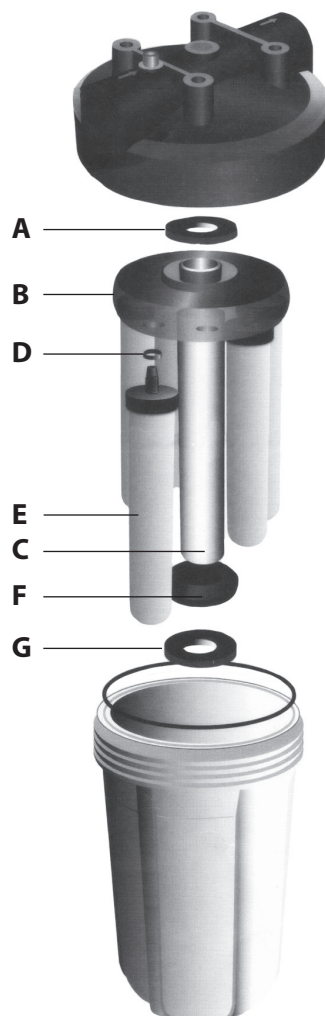
Eco Solution water purification system is easy to assemble. However, it is advisable to use a certified plumber to install the system. Eco Solution should be installed on the water intake as shown below.

CARTRIDGE ASSEMBLY

Take the manifold assembly (B) and ensure that the rubber seal (A) is correctly located into the recess. Push the center support tube (C) securely into the recess on the underside of the manifold. Remove each of the six ceramic filter candles (E) from the protective wrap and check that the O-ring seal (D) is located fully onto the threaded mount of the filter candle. Screw the threaded mount into one of the holes in the underside of the manifold until the washer resistance is felt and the moulded cap just touches the ring on the underside of the manifold.

DO NOT OVER TIGHTEN!

Repeat for all six candles. Take the base moulding (F), ensure the rubber seal (G) is located correctly into the recess and push the base securely onto the support tube (C) to complete the assembly. Now the unit is ready for the main installation.



UNIT ASSEMBLY

- Shut off the main water intake with the main stop valve [1] or by the main tap.
- Assemble the unit on to the water intake grid. There are several alternatives of how to do this, depending on the existing grid system.
- Place the unit onto the water intake (after the pump, if there is one)
NOTE; make sure there's a 10 cm clearing underneath the unit. This space is necessary to be able to open the units for cleaning/maintenance/changing the filters.
- Open the water intake [1]. Open a tap connected to the same grid and let the water run to waste for about ten minutes before use(in order to remove unwanted particles).
- Ensure there is no leakage from the unit or it's couplings. If there is a leakage, ensure all O-rings are assembled correctly to make a proper seal.
- For new filter candles, the maximum flow rate will be achieved once the candles are fully saturated; to allow the filter candles to be conditioned to the source water allow the unit to stand unused for a further 24 hours and then flush for a further 10 minutes to waste.

GENERAL USE

The filtered water can now be used for drinking and preparing food. If the filter has been standing unused for more than 3 days, it is recommended that the water be run to waste for 1 minute before use.

MAINTENANCE

The filters in your Eco Solution water purification system must be cleaned from time to time. Cleaning is easy – no plumber or other service personnel is necessary. The quality of the water source decides how frequent it is necessary to clean the filters.

The filters have to be replaced if the purification system delivers no water at all, or when the water flow is low even after cleaning the ceramic filter. Filter change will probably be necessary after approx. 50 000 – 100 000 liters or after about 12 months of daily use (water source dependent).

Soon after the purification system has been put to use for the first time you will experience a noticeable drop in the water pressure. This is expected due to residue (from production) from the High performance filter are clogging up the ceramic filter. A cleaning of the ceramic filter is thus necessary relatively short after put to use the first time, or after filter change. The system will deliver purified water in a much longer period, after this first removal of production residue. The quality of the water source decides how frequent it is necessary to clean the filters.

FILTER CLEANING/REPLACEMENT

The High Performance filter is placed on the left hand side.

The ceramic filter is placed on the right hand side.

- Turn off the system's water source. Release water pressure by opening a connected tap. It's a good idea to place a bowl or a towel under the purification system before opening the filter housings.
- Open the ceramic filter housing using the enclosed tool.
- Remove the filter/filters from the filter housing(s). Handle the ceramic filter with great care – the 6 ceramic candles can easily break.

CLEANING THE CERAMIC FILTER:

Use the enclosed cleaning brush or the pad to clean the 6 filter candles with cold water. Do not use soap! Put the cleaning brush around each candle, one at a time, and rub their surface a couple of times. Put the filter back in the filter housing. Make sure to place the filter in the correct direction – the black manifold should be upwards (as on the illustration of the cartridge assembly).

FILTER REPLACEMENT:

Replace all of the 6 ceramic candles with new ones (loosen them carefully by unscrewing them). Replace the High Performance filter. Put the filters back in the filter housings. Make sure to place the filter in the correct direction – the black manifold should be upwards (as on the illustration of the cartridge assembly).

- Re-attach the filter housing to the purification unit. Tighten with the enclosed tool (it's sufficient to tighten by hand).
- Make sure the housing is placed correctly. If the housing is attached askew, or the O-ring or filter is placed incorrectly, a leak will probably occur.
- Open the water flow [1] into the purification system. Turn on the water and let the water flow for about 3 minutes (this removes dirt, particles etc).
- Make sure that there are no leakages from the filter housings.

NOTE! THE UNIT DOES NOT TOLERATE FROST

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