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CROSS MAX

APPLICATION:

CROSS MAX is designed for under-sink installation in apartments and houses, making it ideal for home use.

Its ultra-compact, tankless design fits easily into standard kitchen cabinets, even where installation space is limited.

With a high flow rate of up to 2 L/min, the filter provides enough purified water for daily needs such as drinking, cooking, and preparing beverages.

The filter is intended for use with cold municipal tap water.

FUNCTION:

CROSS MAX purifies municipal tap water using a four-stage reverse osmosis process. The filter reduces the content of PFAS, mineral impurities, and other contaminants, and also improves the taste and odor of the water.

Filtration includes a prefilter that removes sediment and chlorine, followed by an RO membrane with an integrated carbon post-filter to provide pure water with a fresh taste.

KEY FEATURES

- **High flow rate(800 GPD)** — the filter delivers up to 2 L/min of purified water.
- **Ultra-compact, tankless design** — the filter has no storage tank and saves valuable space under the sink.
- **Prefiltration cartridge** — protects the RO membrane from sediment and chlorine, enabling stable operation with municipal tap water.
- **Cartridge replacement indicator** — the filter notifies you every 600 liters and alerts you 200 liters before the cartridge reaches the end of its service life.
- **Automatic flushing** — the filter performs automatic flushing to reduce natural diffusion during idle periods and maintain stable water quality.
- **Easy installation and tool-free maintenance** — quick setup and filters replacement in seconds.



CONTENT:

- Filter housing with cartridges
- Connection kit
- Faucet for purified water
- Leak sensor
- Power supply unit
- User manual

TECHNICAL SPECIFICATION AND REQUIREMENTS

Parameter	Value
Flow capacity	120 L/h
Recovery	67%
Cartridge life remaining indicator	Yes
Automatic filter flushing	Yes
Leak sensor	Yes
Water supply connection	1/2" and 3/8" threads
Feed water temperature, °C	+5...+30
Inlet pressure, bar	1-4
Electrical rating, Hz	230 V, 50 Hz
Filter dimensions, H×W×D, mm	304×198×191
Weight of the system	6 kg
Cartridge life	2000 L

SUPPLY WATER QUALITY REQUIREMENTS*

Index	Value**
pH	6.5-8.5
TDS	max 1500 mg/L
Hardness	max 500 mg CaCO ₃ /L (20 *dH)
Free chlorine	max 0.5 mg/L
Iron	max 0.3 mg/L
Manganese	max 0.1 mg/L
Chemical oxygen demand	max 5 mg O ₂ /L
Total bacterial count (TBC)	max 50 CFU/mL
E. coli tit	max 3

Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the filter.

* If water supply does not meet the requirements, service life of membrane and/or pre-filter cartridges may be shortened.

** If any of your water indices exceed the limit, consider using a water treatment system to correct supply water quality. Refer to water treatment specialists or companies for advice and proper equipment selection.

Make sure to install a pressure reducer before the filter!

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REPLACEMENT FILTERS

- **Replacement prefilter for direct flow reverse osmosis filter CROSS MAX (CPVCBDFRO)** — Removes sediment and reduces chlorine to protect the RO membrane and ensure stable filtration performance.
- **Replacement membrane element for reverse osmosis filter CROSS MAX (CSVPDRO800)** — Reduces PFAS, mineral impurities and other dissolved contaminants, while delivering 800 GPD high-flow performance for a steady supply of purified water with a fresh taste.



Replacement filters have a capacity of up to 2000 L*. This capacity and indicator logic apply to both filters in the system.

The indicator shows the remaining capacity: one segment turns off every 600 L, and the last segment turns red at 200 L, together with three beeps when the drinking tap is opened.

After replacing the filters, press Restart to reset the indicator.

* Actual capacity depends on the quality of the municipal tap water.

Code	Description	Pieces in box	Boxes on pallet	Pieces on pallet
MO2800PECO	Ecosoft CROSS MAX direct flow reverse osmosis filter	1	80	80
CPVCBDFRO	Replacement prefilter for direct flow reverse osmosis filter CROSS MAX	6	120	720
CSVPDRO800	Replacement membrane element for reverse osmosis filter CROSS MAX	6	120	720