

Thank you for purchasing Coway Point of Entry (POE) water purifier.

Please read this user manual carefully for correct use and maintenance of the product. You can refer to the User Manual to troubleshoot for product issues while using it.

PRODUCT INFORMATION



FRONT VIEW

Safety Information

- Please backwash and flush the POE prior to first time usage to flush out the protection liquid.
- Please close the tap water inlet valve when there is leakage sighted on the filter housing. Contact Coway Careline at 1800-888-111 (Cody is not in-charge of AS) for further assistance.
- Please replace the filter according to the filter replacement cycle for clean water.
- After not using the product for an extended period of time, remember to backwash and rinse the POE prior to usage.
- Do not let the filter element dry out as this may damage the filter element.
- Do not arbitrarily open, repair, or remodel the product.

Features

- Uses ultrafiltration membrane as filtration methods, which removes common impurities in tap water such as rust, suspended matter, sediment, and macromolecular organic matter that is larger than pore size of membrane.
- Stainless steel body filter housing – more durable and suitable for outdoor installation. Easy to install at different locations. Either installed on the floor, or mount on wall.
- Maintenance drain port at the bottom of filter housing allows draining the impurities trapped at the bottom after long time usage without needs to take out the membrane – more convenient during service.
- Multiport valve with manual switching handle for different operating mode – easy to operate and service.

HOW TO USE

Product Usage and Installation

- The POE can be installed outdoors nearby the tap water inlet of house. It can be installed as floor standing or wall mounted.
- Prior to installation of the POE, make sure all the parts (clamp and drain port) are fully tightened.
- In case there is piping modification before the inlet of POE, flush the pipe to ensure no debris or any dirt in water before installation.

Caution:

1. Please install the POE near to a floor drain to capture the spillage of water during maintenance.
2. After installation, manual rinse and backwash is necessary to flush out the protective liquid inside the membrane.

Explanation on POE Mode of Operation



Filter

Tap water flows through the valve into the filter housing and penetrates through the wall of the ultrafiltration membrane before coming out from purified water outlet.

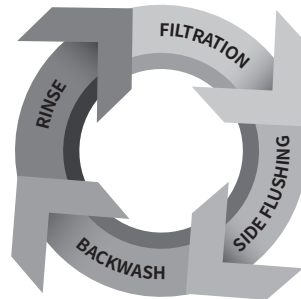
Backwash

Tap water flows through the valve to the inner wall of the ultrafiltration membrane, penetrates through the membrane and push the impurities attached to the outer wall of the membrane, finally flows out through the backwash discharge outlet.

Fast Rinse

Tap water flows through the valve into the ultrafiltration membrane and rinse out the impurities in the membrane and flows towards the backwash discharge outlet.

Steps of POE Mode of Operation



Note: The servicing steps (Side Flushing, Backwash, Rinse) are done once every 2 months of filtration, or when the purified water flow rate becomes slow. These servicing steps shall be conducted during Heart Service.

Note: Proper operation methods is required to ensure long product lifespan.

Hygienic Method of Use

MAIN CATEGORY	SUB-CATEGORY	PRECAUTIONS
Installation	Installation conditions	In case tap water has high turbidity, different setup such as adding in auto timer at bottom drain is required. Coway Technician will advise customer during installation.
	Installation environment	In case POE is installed outdoors. Some corrosive inhabitants may be applied on surface of stainless steel filter housing to keep the surface of the filter housing dry and clean to prolong its service life.
How to use	When there is tap water supply interruption	After water supply resumes, open the side drain valve to blow out the impurities until the water from side drain looks clean.
Hardware	Filter	Do not use filters other than Coway genuine filters. Warranty will be voided if non-genuine filter is used.
Management	Filter replacement interval	Get a filter replacement or maintenance check based on the designated filter replacement time, or based on the current condition of POE.
	Management authority	Coway POE is only managed by Coway Cody and Coway Technician. When non-specialist replaces or clean the internal parts of our product, there may be a risk of water leakage. So please contact Coway Careline at 1800-888-111 for service.
	Surroundings	Install at a location which is clean and proper distance from rubbish bin.
	Management check	Schedule Coway's regular Heart Service for POE.
Period of use	When not using for long time	Close the tap water inlet valves before POE. When using the POE again, conduct backwashing and rinse to ensure POE is fully flushed with clean water. Contact Coway Careline at 1800-888-111 for more information.
Product installation	Product disassembly and installation	Do not disassemble or install the product arbitrarily. Kindly contact Coway Careline at 1800-888-111 for further assistance.
	Installation environment	Do not install in an environment which likely causes corrosion to the stainless steel filter housing (such as extreme humidity or salty seawater area). Do not install in a location where the product is likely be contaminated (toilet, places with many rats and pests, place with poor sanitisation management).

MAINTENANCE AND TROUBLESHOOTING

Parts Replacement

Filter

The filter element is the most important part of POE. If you use a non-authentic filter element or use an authentic filter element too long, then the overall performance of the POE may decrease. Replace it with a genuine filter element according to its replacement period.

Filter Element Replacement Cycle

Unless you replace the filters periodically, you cannot expect a consistent quality of purified water. The filter element is expected to be replaced after in service for a long time, depending on the tap water quality or the amount of purified water used.

About Filter Replacement Cycle

Expected filter replacement cycle can be properly estimated based on the quality and conditions of tap water. For reference, an effective water capacity means the minimum treatment capacity for which contaminants can be effectively removed without cleaning, recycling, or replacing the inner filters, and recommended replacement cycles for individual filters may differ.

Filter replacement cycle may vary depending on the operating environment. (The amount used, region of use, season, and water quality.)

Troubleshooting

PROBLEMS	CHECK	MEASURES TO TAKE
The water doesn't flow out / flowing slower	Is the water supply cut or is the water supply valve closed?	Open the main water supply valve.
	Did you miss the filter replacement cycle?	Request the filter replacement.
	Has the POE not been backwashed for long time?	Repeat backwashing the POE until flow rate is recovered. Please contact Coway Careline at 1800-888-111 in case situation is not recovered.
	Is there a lot of accumulated dirt at the bottom of POE?	Open the side drain and flush until there is no dirt seen in the water from bottom of POE.
A leakage occurred	Is POE is stopped for a long time?	Rinse and backwash the POE repeatedly.
	Does the water inside the filter housing leak out?	Check the possible leakage point. Close the main valve and contact Coway Careline at 1800-888-111 for further assistance.

Technical Specification

DESCRIPTIONS	TECHNICAL DATA
Filter Element	UF membrane
Housing Shell Material	304 Stainless Steel
Working Temperature	(20–45)°C
Source of Water	Tap Water ¹
Feed Water Pressure	0.1–0.3MPa
Flow Capacity	2200–2500L/H
Dimension	168mm(Ø) x 1270mm(H)
Weight (KG)	10 kg

*1 - For tap water which has high turbidity, different setup is required. Coway technician will advise during installation.

*Note 1 - The product design and specification can be changed without prior notice to improve the product quality and to facilitate the application of laws.

*Note 2 - The flow capacity may vary depending on the water pressure / temperature / quality at the installation location.