

# EPFA10DA 10inch Perfluorinated (PFA) filter

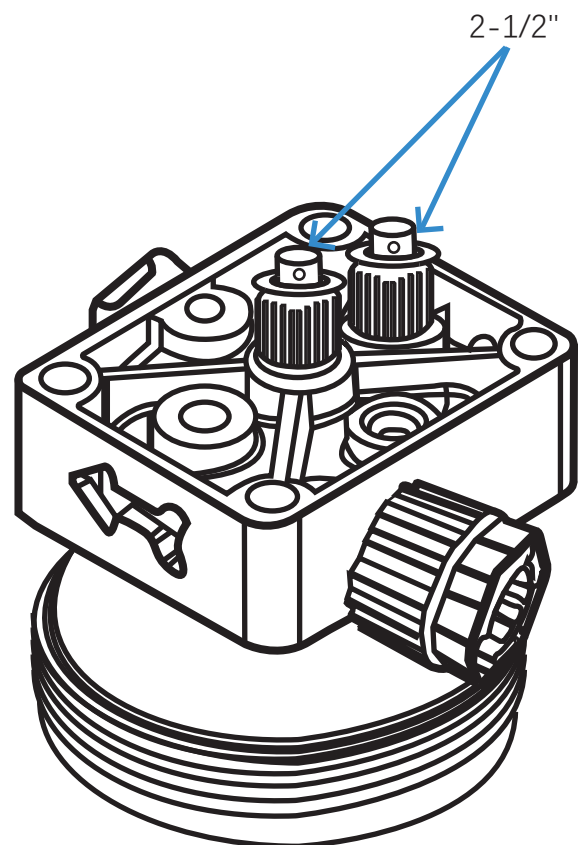
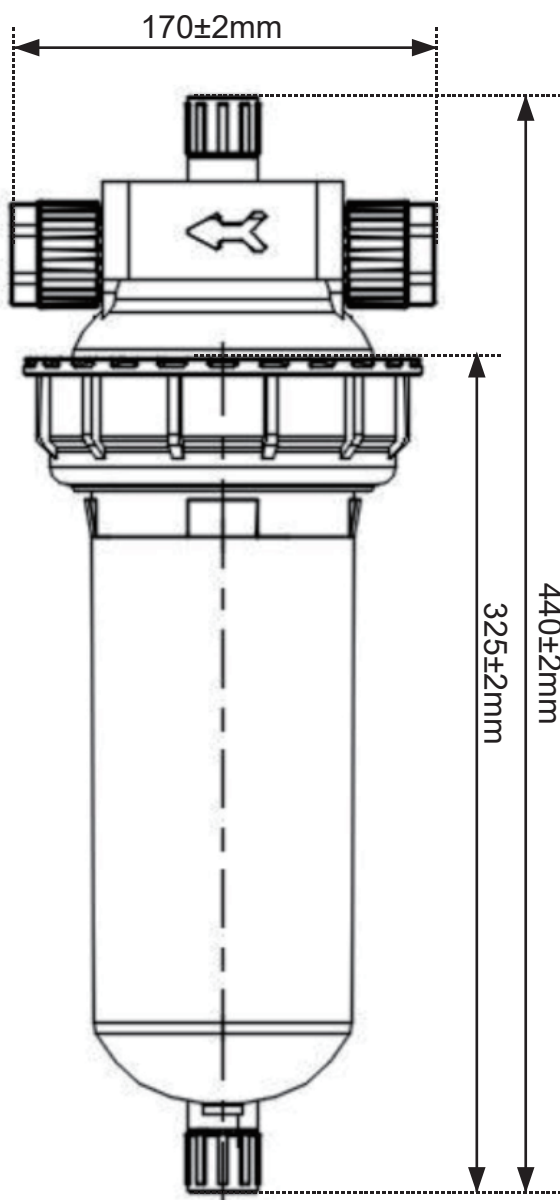
Installation and User Manual



## Product introduction

This is a chemical filter used in semiconductor chemical equipment. The housing connector is integrally molded with the head and cartridge, which reduces the space required for assembly.

The components are made of PFA perfluoropolymer, which has excellent chemical stability, temperature resistance and corrosion resistance. High-purity design, metal-free structure. Therefore, these housing designs can meet the stringent cleanliness requirements of ultra-pure chemicals. The bead connector can provide reliable connection and sealing to ensure the normal operation and safety of the equipment. It is particularly suitable for high-pressure, high-temperature and high-corrosion working environments.



## Specifications

### Material

Body	PFA	1
Upper cover	PFA	1
Upper cover nut	PVDF	1
Socket nut	PFA	5
O-Ring	FFKM	1
Bolts and nuts	PVDF	4
Dupont PFA-440HPJ or equivalent		

### Operating conditions

Maximum operating pressure	0.3 Mpa @ 100°C / 0.75 Mpa @ 25°C
Maximum operating temperature	100°C

### Chemical compatibility (Locking ring)

PVDF	0.3 Mpa @ 100°C 0.75 Mpa @ 25°C
H <sub>2</sub> SO <sub>4</sub> 、H <sub>3</sub> PO <sub>4</sub> 、HNO <sub>3</sub>	√
H <sub>2</sub> O <sub>2</sub>	×
HNH <sub>4</sub> OH、TMAH、KOH	√
IPA、DMSO、	×

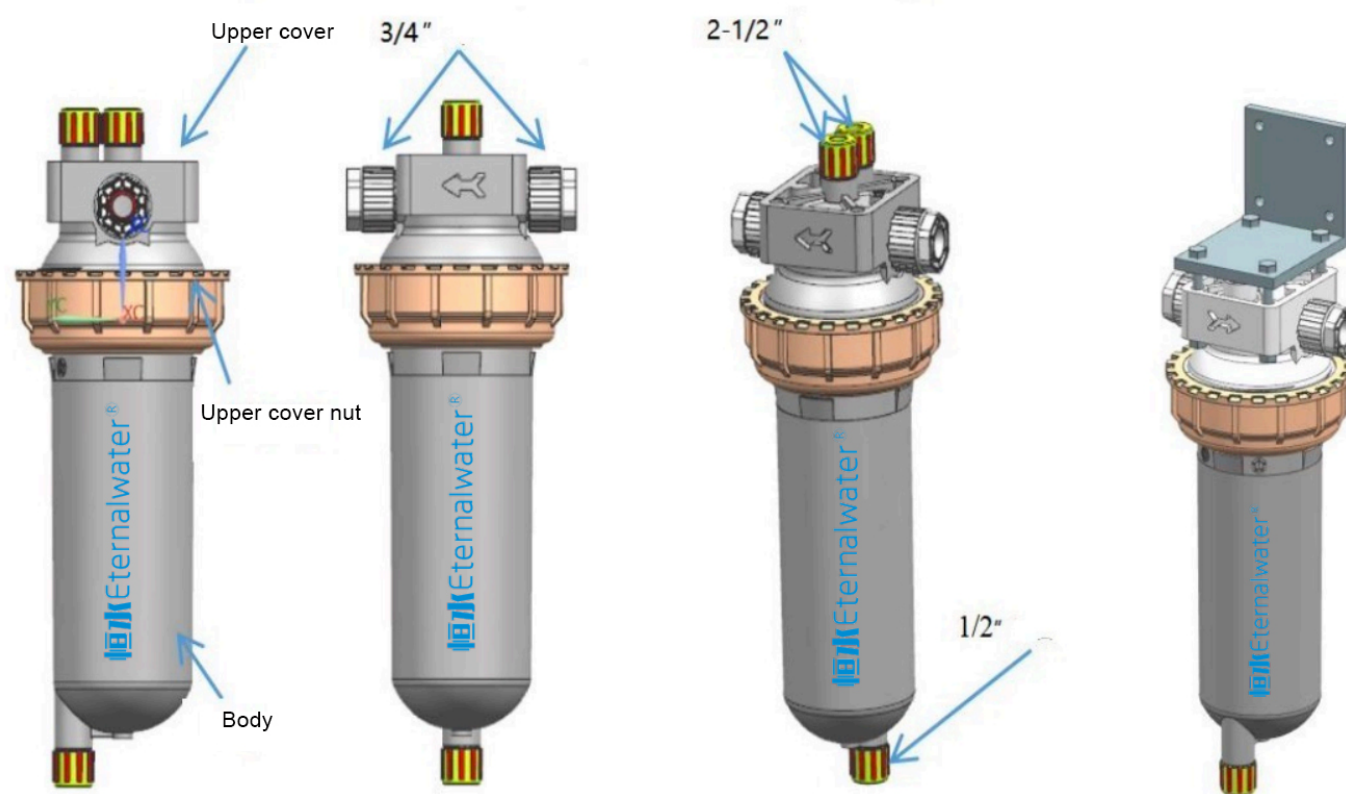
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## Specifications

### Connection specifications

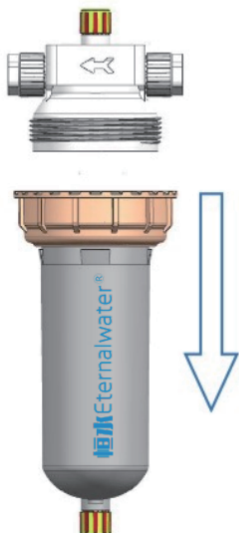
Inlet/outlet	3/4"	1
Vent	2-1/2"	1
Drain valve	1/2"	1

## Appearance



## Installation Notes

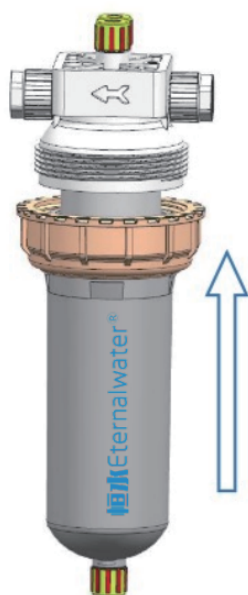
1. Loosen the upper cover nut and take out the filter body



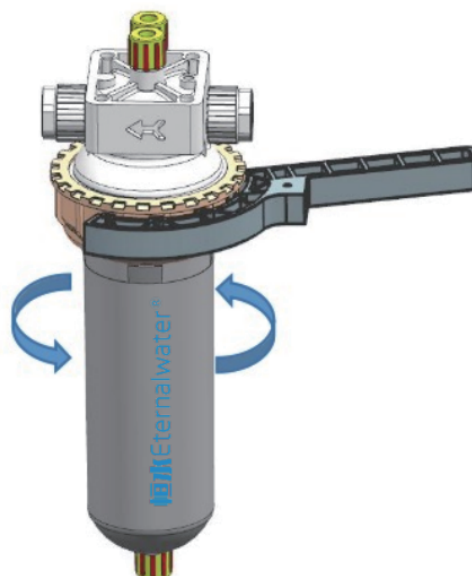
2. Install the filter element into the filter cover



3. Install the filter body into the filter cover

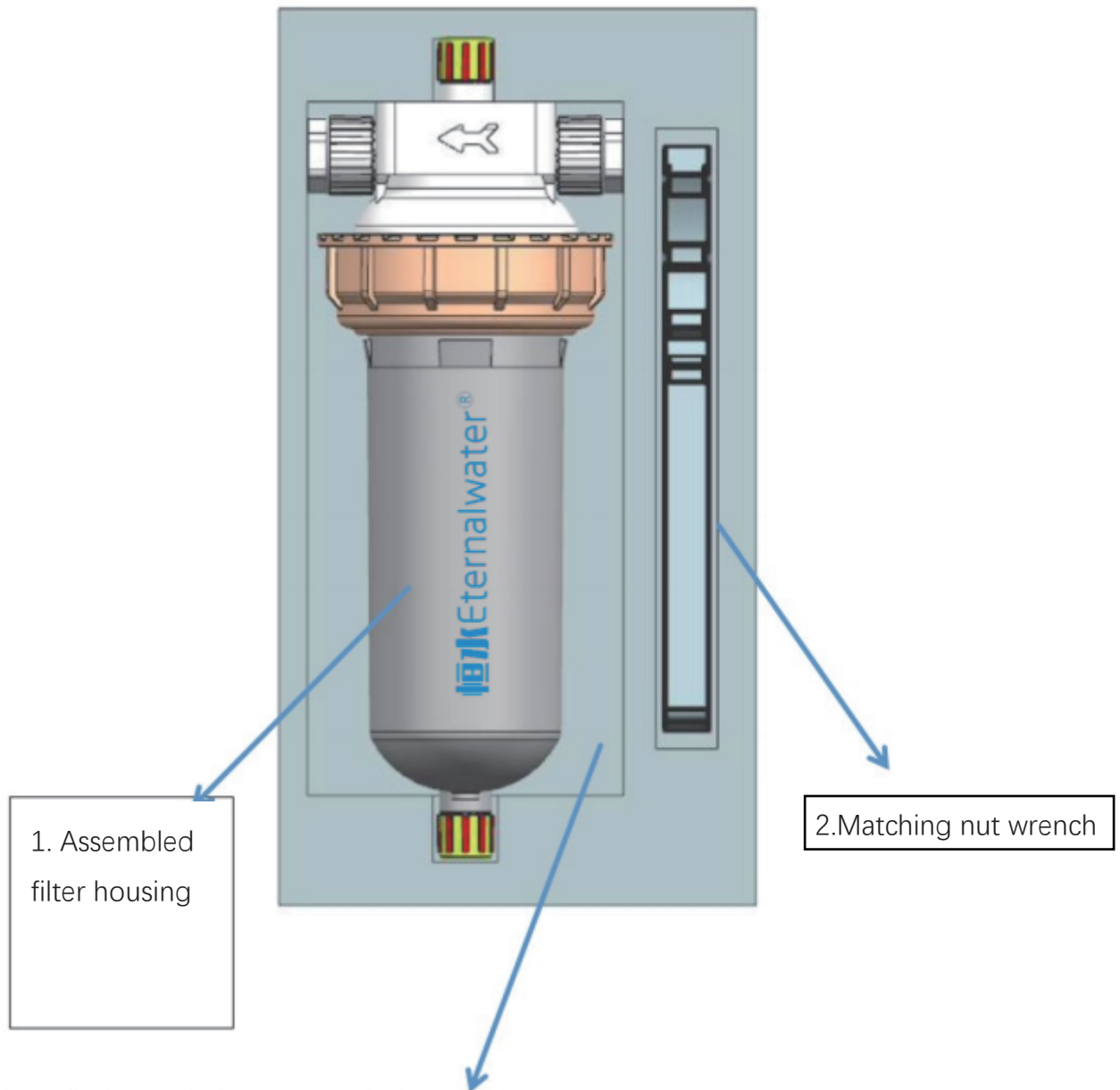


4. Use the matching wrench to tighten the upper cover nut



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## Packing



- This packaging is for reference only. Please consult the sales engineer for specific packaging details during mass production.

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