



CARTRIDGE FILTER HOUSINGS

The perfect choice for nano-filtration

Reliable high-quality filtration
for demanding nanotech manufacturing



Bringing water to life®

Cartridge filter housings

Engineered to provide reliable high-quality filtration, and often used for polishing filters in almost all types of industrial water filtration processes. Ovivo Cartridge Filter Housings are the ideal choice for pharmaceutical, food and beverage, reverse osmosis pre-filtration, and Ultrapure water polishing.

Ovivo Cartridge Filter Housings standard models are available in diameters from 219 to 508 mm and can support from 5 to 28 filter cartridges. Ovivo's filter housings have been used with almost every filter media available with excellent results.

The products are manufactured according different standards to meet the most stringent requirements, including the final stage of the polishing loop for Ultrapure water systems in the semiconductor industry.

Ultrapure water applications

The CFEHA and CFAHA models are the ultimate choice to fulfill the specific needs of Ultrapure water applications.

These state of the art filter housings include high performance 316L Stainless Steel with all wetted surfaces fluoropolymer lined. This ensures Ultrapure water never comes in contact with exposed metal, ideal for nanotech manufacturing.



Cartridge holding plates made from PVDF material

Technical specifications

CARTRIDGE FILTER HOUSINGS

NUMBER OF CARTRIDGES		5 to 28
FLOW CAPACITY	m ³ /h (gpm)	18 ... 123 (79 ... 541)
DESIGN PRESSURE	bar (psi)	up to 10 (up to 145)
CARTRIDGE LENGTH	mm (inch)	750 or 1'000 (30 or 40)
HOUSING DIAMETER	mm (inch)	219 ... 508 (8.6 ... 20)

CFEHA = Cartridge Filter Housing according to European Standard with inside Halar coating

CFAHA = Cartridge Filter Housing according to ASME with inside Halar coating

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Ovivo is a global leader in water solutions for the semiconductor industry and stands as a founding member of the Semiconductor Climate Consortium (SCC), a pioneering initiative dedicated to fostering climate progress within the industry.

[ovivowater.com](https://www.ovivowater.com)

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Key features



PEAK PERFORMANCES

Wide range of flow and filtration capability



HIGH QUALITY MATERIALS

SS 316L, E-CTFE and PVDF



UPW COMPATIBLE

No exposed metal, fluoropolymer lined (E-CTFE)



EASY MAINTENANCE

Direct access through the top flange, optional with davit



FLEXIBILITY

Easy cartridge replacement, for various types of filter media



GLOBAL APPLICATION

Designed and manufactured according to European and ASME standards



VARIOUS TYPES OF FILTER MEDIA

Versatile product applicable to various Filter media

CFHBRO-10.2024