

TECHNICAL DATA

GFRP MICROFILTRATION

Desalination (also for sea water), previous filtration to reserve osmosis, previous filtration to ultraviolet, separation of water and oil emulsions, sterilizing by cold for drinks, pharmaceutical products, etc.



FILTERING ELEMENT

We use 10" filter cartridges. These cartridges are perfectly fitted to their bases by means of sealing gaskets at the bottom and top, thanks to a spring that provides the necessary pressure for a perfect fit, allowing different flow rates according to your needs.



Polypropylene
Foam

Polypropylene
Spool

Active-Carbon

SYSTEM

The microfiltration technology is very efficient for suspended solids separations, and items recovery in every kind of fluid. Microfiltration poses a retention solid efficiency lowers than regular filters.

CONSTRUCTION MATERIALS

Body: glass fiber reinforced polyamide (GFRP).

Joints: synthetic rubber nitrile 60° Shore.

Central ring: PVC

CASE / HOLDER-CARTRIDGE

The cartridge holder is divided in two zones bypassed by the filter cartridges themselves: the area of water before it is filtered and the area of filtered water. Cartridges precise to be watertight in both end parts, due to special connections as well as a resort, made in stainless steel, which works under traction. We offer a 10" cartridge for GFRP microfiltration.

PRESSURES

Max pressure: 8 kg/cm²

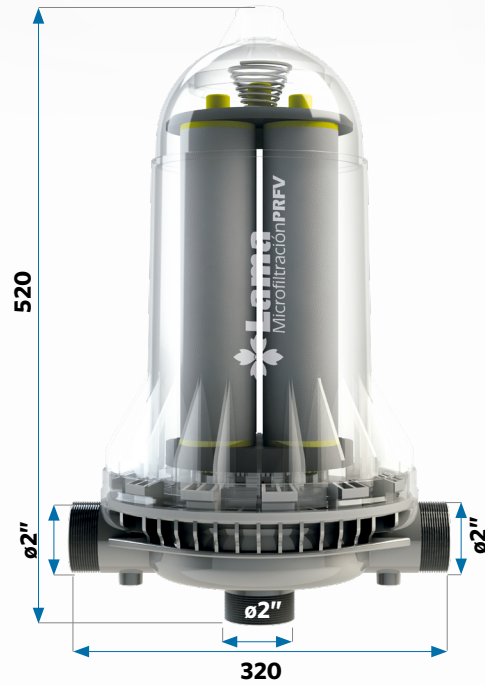
Testing pressure: 12 kg/cm²

FEATURES

These filters retain bacteria and viruses. Viruses, with smaller size than filtration holes, remain linked to bacteria. As result, both are captured in microfiltration cartridges.

Microfiltration is applicable to a large variety of water treatment, when particles smaller than 1 mm size are required to retain.

Maintenance is required only for the cartridges.



Nº of Cartridge	Peso Neto (kg)	Gross Weight (kg)	Connection (Ø)	Package Volume (m ³)	Limit Flow (m ³ /h)	Code
4	7,5	8	2"	0,07	2,4	FSM2