

# LONG-LASTING FILTRATION PERFORMANCE

 **Repairable  
purifier**



**HOLLOW FIBRES**

**ULTRAFILTRATION**

**BACKWASHING**

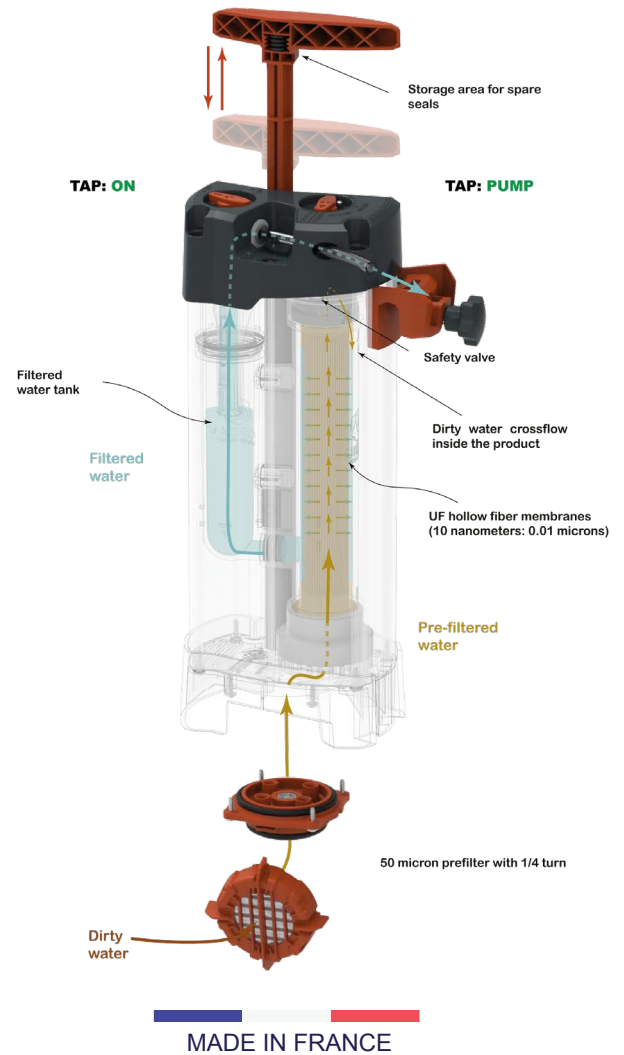
## QUALITY AND DURABILITY

The ORISA® water filter is fitted with an **effective backwashing system which uses purified water to clean the membrane** with no risk of contamination from external sources. The integrated crossflow allows constant circulation of water to be processed in ORISA® for reduced membrane clogging. The membranes are also compatible with occasional chemical cleaning\*.

Filtration surface area	0.56 m <sup>2</sup>
Filtration direction	IN / OUT
Water flowrate	120 L/h
PH	2 - 12
Backwash	✓
Crossflow	✓
Maximum system pressure	3 bar
Maximum operating temperature	50°C
Optimal performance	1 to 50 NTUs**
*Maximum chlorine dose in case of chemical cleaning	7,000 ppmh
Shelf life before initial use	5 years as per the date indicated on the product
Traceability	Individual serial number

\*\* < 0.1 NTU after filtration.

ORISA® can eliminate turbidity peaks up to 200 NTUs.



### French membrane hollow-fibre

The ORISA® hollow fibre type membrane is a small polymer tube. **Its internal channel has measuring 2500µm and several centimetres long.** The ORISA® membrane pores are 0.01 micron wide, which is 1000 times narrower than a hair. The viruses, bacteria, suspended solids, micro-organisms and microplastic are all retained on the internal surface of the fibres.

### Ultrafiltration modules

The ORISA® ultrafiltration modules consist of over **3,000 tubes, creating a total filtration surface area of 0.56 m<sup>2</sup>** and a flowrate of 120 L/hour.

### Kits and accessories

ORISA® water filters are fitted with an **add-on strainer kit and a tap kit** to optimise use, whatever the circumstances. Maintenance and repair kits ensure extended filter life.



We develop low-cost sustainable water filtration solutions to meet the social and ecological challenges faced by humanity.

ORISA® 2021



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