



Profine® **Red** reduces turbidity in water and suspended particles with 5 micron filtration. It is a sediment cartridge for the clarification of drinking water, to be used for technological systems and/or household appliances according to Italian Ministerial Decree 25/2012 art. 2.

MODELS	
CODE	MODELS
Y21412B-AYE	SMALL
Y21411B-AYC	MEDIUM
Y21410B-AYA	LARGE

DIMENSIONS			
MODELS	DIAMETER	HEIGHT (without head)	HEIGHT (with head)
SMALL	87.4 mm	270 mm	302 mm
MEDIUM	87.4 mm	385 mm	417 mm
LARGE	87.4 mm	530 mm	562 mm

When installing and replacing the filter, take into account the space required to remove the cartridge.

TECHNICAL SPECIFICATIONS	
MODELS	FLOW RATE
SMALL	3 l/min*
MEDIUM	5 l/min*
LARGE	7 l/min*

\* Capacities may vary based on the inlet water and flow rates.

## MATERIALS

Cartridge: polypropylene;  
Filtration: extruded polypropylene made with "MELT BLOWN" technology: heat-sealed polypropylene microfibres without lubricants or antistatic additives; no migration of microfibres into the water, wide compatibility with the most common chemical solutions; multilayer structure with high retention capacity and filtration efficiency; the high retention capacity prolongs the life of the cartridge.

## GENERAL CHARACTERISTICS

Disposable cartridge with quick coupling, filtration by extruded polypropylene "MELT BLOWN", filtration degree 5 µm. Cartridge suitable for the removal of sediments for the clarification of water also intended for drinking use, thanks to the removal of turbidity and of suspended particulate matter. When used in equipment for the treatment of water intended for human use, these must comply with the standards required by law for this category of treatment systems.

## USE

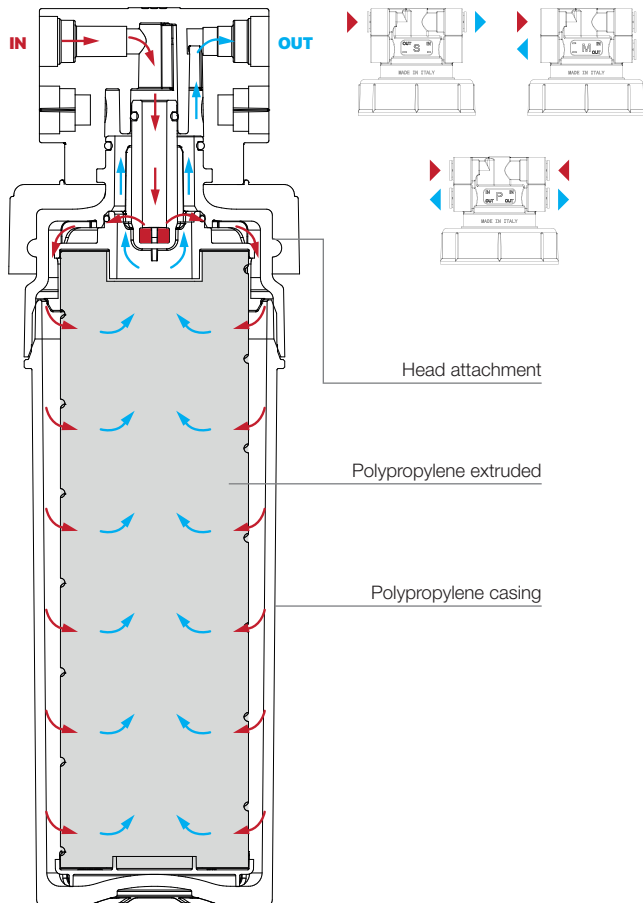
Pre-filtration stage for drinking water treatment systems; pre-filtration stage for technical systems dedicated to water treatment; use not permitted in the event that the quality of the water is not known through analysis or is not microbiologically controlled; use permitted in the case of treatment of already drinkable water.

## INSTALLATION

Vertical or horizontal, as preferred. Bayonet fitting for Profine®heads.

## HEAD

Standard



Min - Max Temperature  
**4°C – 30°C**  
**(40°F – 86°F)**



Operating pressure Min - Max  
**2 bar – 6 bar**  
**(0.2 – 0.6 MPa)**

PARAMETERS		
SMALL	MEDIUM	LARGE
Up to max clogging $\Delta p$ 2.5 bar (depending on the quality of the inlet water).	Up to max clogging $\Delta p$ 2.5 bar (depending on the quality of the inlet water).	Up to max clogging $\Delta p$ 2.5 bar (depending on the quality of the inlet water).

\* Capacities may vary based on the inlet water and flow rates.

PACKAGING (cardboard box 6pcs)			
MODELS	WIDTH	DEPTH	HEIGHT
SMALL	28 cm	20 cm	28 cm
MEDIUM	28 cm	20 cm	39.5 cm
LARGE	28 cm	20 cm	54 cm

## REPLACEMENT

It is advisable to replace the cartridge at the end of its nominal autonomy or if the outflow is too slow. In any case, the cartridge must be replaced within 365 days of its installation. Before removing the filter cartridge, close the upstream water inlet and remove the pressure in the circuit by opening the downstream tap.

## COMPANY CERTIFICATIONS

Produced in Italy by think:water, ISO 9001:2015 (quality),  
ISO 14001:2015 (environment) and MOCA certified company.

## INACTIVITY

Short periods of inactivity: flushing of the cartridge necessary; in case of prolonged non-use, it is possible to disinfect the system.

## ENVIRONMENT

For the production of Profine® filters, the environmental impact is close to 0.  
All the Profine® filters are BPA-free.

## DISPOSAL

Dispose of the used cartridge according to Decision 2014/955/EU (EWC 15 02 03).