

# Profine® *red*



domestic

## PREFILTRATION IN WATER TREATMENT SYSTEMS

Profine® **Red** reduces turbidity as well as suspended particles with a filter rating of 5 microns. This is a quick-connect cartridge with extruded polypropylene. The cartridge is in compliance with EU Directive 93/83/EC for use in precessing system and/or household appliances.



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, consider 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 incoming water and flow rates.

## MATERIALS

Cartridge: polypropylene;

Filtration: extruded polypropylene made with "MELT BLOWN" technology: polypropylene microfibers heat-sealed without lubricants or anti-static additives; no migration of microfibers in water, large compatibility to the most common chemical solutions; multilayer structure with high water retention capacity and filtration efficiency; high retention capacity extends life of the cartridge.

## GENERAL CHARACTERISTICS

Quick-connect disposable cartridge, filtration by "MELT BLOWN" extruded polypropylene, 5 microns filtration. Cartridge for sediment removal and for the drinking water clarification, thanks to the removal of turbidity and suspended particulate. If used in equipment for drinking water treatment, the equipment must comply with the standards of law for this category of treatment systems.

## USE

Pre-filtration systems for drinking water treatment; pre-filtration for water treatment technical systems; its use is not allowed if the water quality is not known by analysis or microbiologically not controlled; its use is allowed if the water is declared drinkable.

## INSTALLATION

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

## HEAD

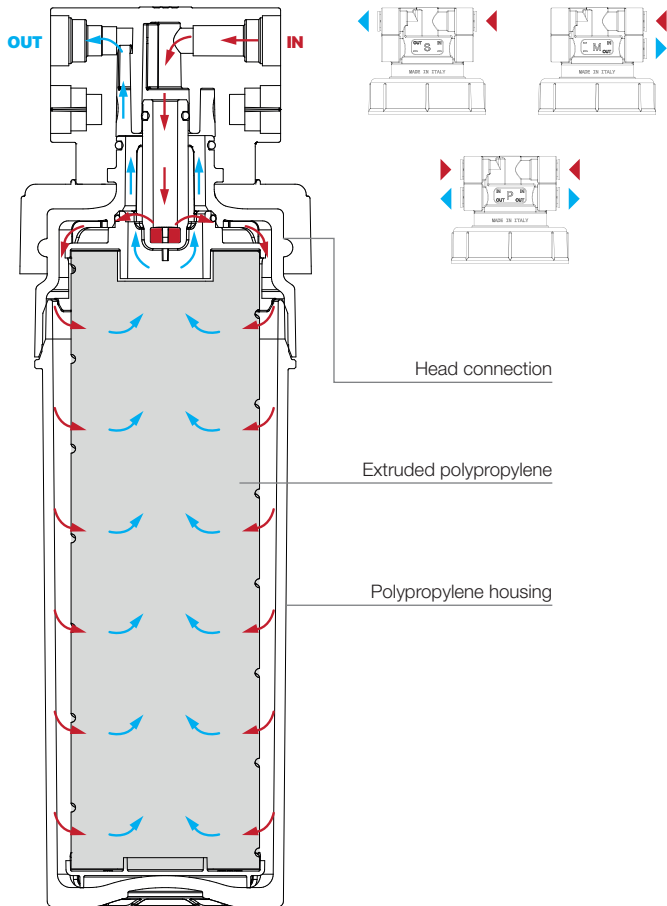
Standard



Temperature Min - Max  
**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
until clogging max $\Delta p$ 2,5 bar (Depending on the quality of the incoming water).	until clogging max $\Delta p$ 2,5 bar (Depending on the quality of the incoming water).	until clogging max $\Delta p$ 2,5 bar (Depending on the quality of the incoming water).

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

PACKAGING (cardboard box 6 pieces)			
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

We recommend replacing the cartridge at the end of its nominal range, or if the output flow rate is too slow. It's better that you replace the cartridge within 365 days of its installation. Before removing the cartridge, close the upstream water inlet and eliminate the pressure in the circuit by opening the downstream tap. To activate the cartridge correctly, open the inlet valve and supply water for at least five minutes before drinking it.

## COMPANY CERTIFICATIONS

Made in Italy by think:water, ISO 9001-2015 certified company (quality)  
ISO 14001-2015 (environmental) and MOCA.

## INACTIVITY

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

## ENVIRONMENT

For the production of Profine<sup>®</sup> filters, the environmental impact is close to 0.  
All Profine<sup>®</sup> filters are BPA free.

## DISPOSE OF THE SPENT CARTRIDGE

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