

# Profine® *blue*

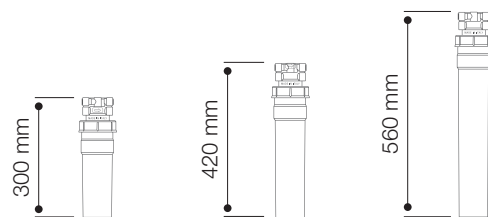
## Dechlorination and purification of drinking water

Profine® **Blue** removes bad taste and odour, reduces turbidity, chlorine, dirt and particles it has a 5mc nominal filtration. It is a cartridge with an activated Profine® Carbon Block technology in compliance with the Italian Ministerial Decree DM/25/2012.

### DIMENSIONS OF THE CARTRIDGE WITHOUT HEAD

MODELS			
CODE	MODELS	DIAMETER	HEIGHT (without head)
Y21409B	SMALL	87,4 mm	269 mm
Y21408B	MEDIUM	87,4 mm	384 mm
Y21407B	LARGE	87,4 mm	529 mm

### DIMENSIONS OF THE CARTRIDGE WITH HEAD



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: activated carbon technology: extruded Profine® Carbon Block.

## GENERAL CHARACTERISTICS

Quick-connect disposable cartridge with Profine® Carbon Block technology filtration; filtration of 5 microns. Activated carbon filter for dechlorination and clarification of drinking water, according to EU Directive 98/83/EC. The filtration reduces chlorine content, organic compounds, odours/off-tastes from water. 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 for reverse osmosis or similar equipments. 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

# Profine® blue

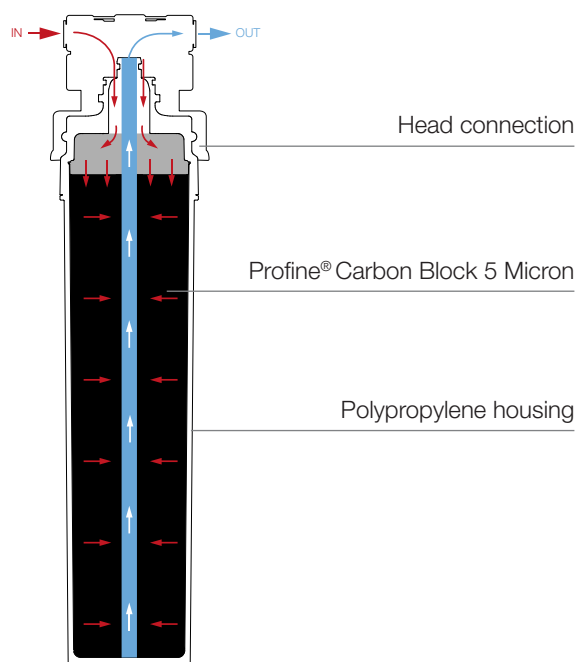
Dechlorination and purification  
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Temperature Min - Max  
**4 °C – 30 °C**  
**(40 °F – 86 °F)**



Operating pressure Min - Max  
**2 bar – 6 bar**  
**(0,2 – 0,6 MPa)**



PARAMETERS		
SMALL	MEDIUM	LARGE
15.000 l*	24.000 l*	45.000 l*

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

CHECK OF PARAMETER CHANGE			
PARAMETER	EU DIRECTIVE 98/83	TESTING WATER QUALITY	TREATED WATER QUALITY
Iron	0,20 mg/l	≥ 0,15 / ≤ 0,17 mg/l	≥ 0,106 / ≤ 0,166 mg/l
Chloride	250 mg/l	min. 0,62 mg/l max 1,06 mg/l	min. 0,60 mg/l max 0,99 mg/l
pH	≥ 6,5 e ≤ 9,5	average 8,22	average 8,33
Conductivity	2500 µS/cm-1 20 °C	average 383	average 355
Manganese	≤ 0,05 mg/l	0.0004 mg/l	0.0001 mg/l

PACKAGING			
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

**Cardboard box 6 pieces**

## 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) and 14001-2015 (environmental).

## CERTIFICATION PRODUCTS

Complies with **MOCA**, **DM 25/2012** and **ACS** regulations.

## 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® filters, the environmental impact is close to 0. All Profine® 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).