



# Profine® blue



domestic



professional



coffee

## DECHLORINATION AND PURIFICATION OF DRINKING WATER

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



MODELS	
CODE	MODELS
Y21409B-AXW	SMALL
Y21408B-AXT	MEDIUM
Y21407B-AXQ	LARGE

DIMENSIONI			
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: 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

## 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.



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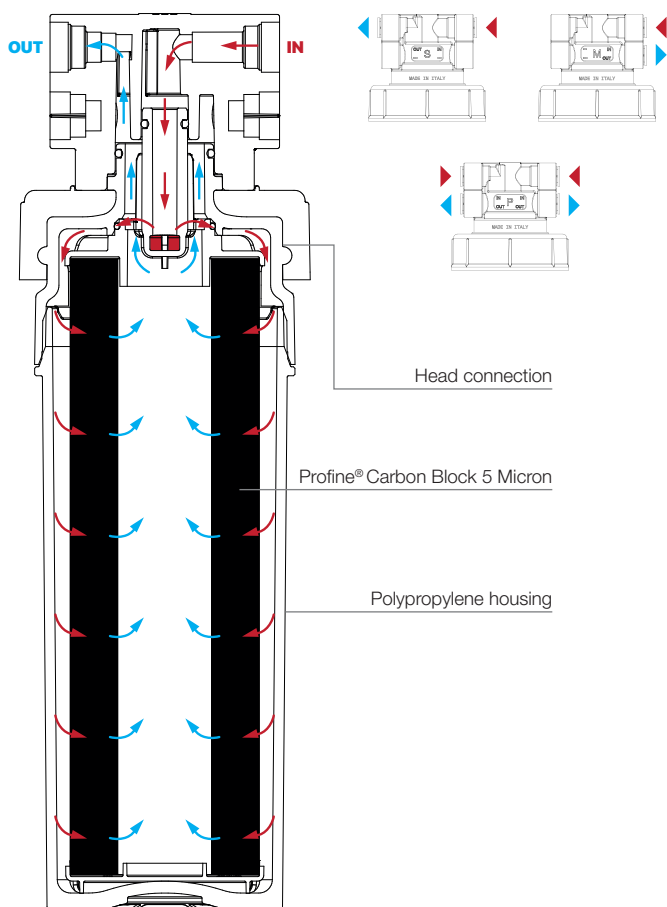
**DECHLORINATION AND PURIFICATION  
OF DRINKING WATER**



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.

CHECKING PARAMETER CHANGE				
PARAMETER	EU DIRECTIVE 98/83	TESTING WATER QUALITY	TREATED WATER QUALITY	NOTE
microplastics		initial value (100%)	reduction 60-65%	
pH	≥ 6,5 e ≤ 9,5	≥ 8,2 e ≤ 8,3	≥ 8,1 e ≤ 8,4 mg/l	
total bacterial colonies 22°C e a 36°C		100 UFC/ml (22°C) 20 UFC/ml (36°C)	100 UFC/ml (22°C) 20 UFC/ml (36°C)	check after 60 days of non-use
chlorine	0,20 mg/l	1,00 mg/l	≥ 0,1 e ≤ 0,2 mg/l	85% reduction
conductivity	2500 µS/cm - 20°C	≥ 350 e ≤ 400 µS/cm	≥ 320 e ≤ 390 µS/cm	

The treatment system verification was carried out by the TIFQLAB University of Calabria Sect. Food Process Engineering Laboratory.

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

## COMPANY CERTIFICATIONS

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

## CERTIFICATION PRODUCTS

Compliant with **ICIM 0415CS** regulation. Products and components in contact with water intended for human consumption (including **Ministerial Decree 25/2012** as per Tifq Lab laboratory test), **ACS**, **KIWA KUKreg4** and **WRAS**.

## 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).