



# Profine®



domestic



professional



coffee

## blue

**DECHLORINATION AND CLARIFICATION  
OF DRINKING WATER**

Profine® **Blue** removes turbidity in water, chlorine, flavours and odours. Its nominal filtration degree is 5 microns. It is a quick coupling cartridge made with the Profine® Extruded Carbon Block technology.



MODELS	
CODE	MODELS
Y21409B-AXW	SMALL
Y21408B-AXT	MEDIUM
Y21407B-AXQ	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: activated carbon technology: Extruded "Profine® Carbon Block".

## GENERAL CHARACTERISTICS

Disposable quick-action cartridge with filtration using "Profine® Carbon Block" technology; filtration degree 5 µm. Activated carbon filter for the dechlorination and clarification of drinking water in accordance with Italian Ministerial Decree 174/2004 and Italian Ministerial Decree 25/2012. Filtration allows the reduction of chlorine content, organic compounds, unpleasant smells/tastes from water. When used in water treatment equipment intended for human use, these must comply with the standards required by law for this category of treatment systems (compliance with Italian Ministerial Decree 25/2012).

## USE

Pre-filtration stage for reverse osmosis or similar equipment; use not permitted in the event that the quality of the water is not known by 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



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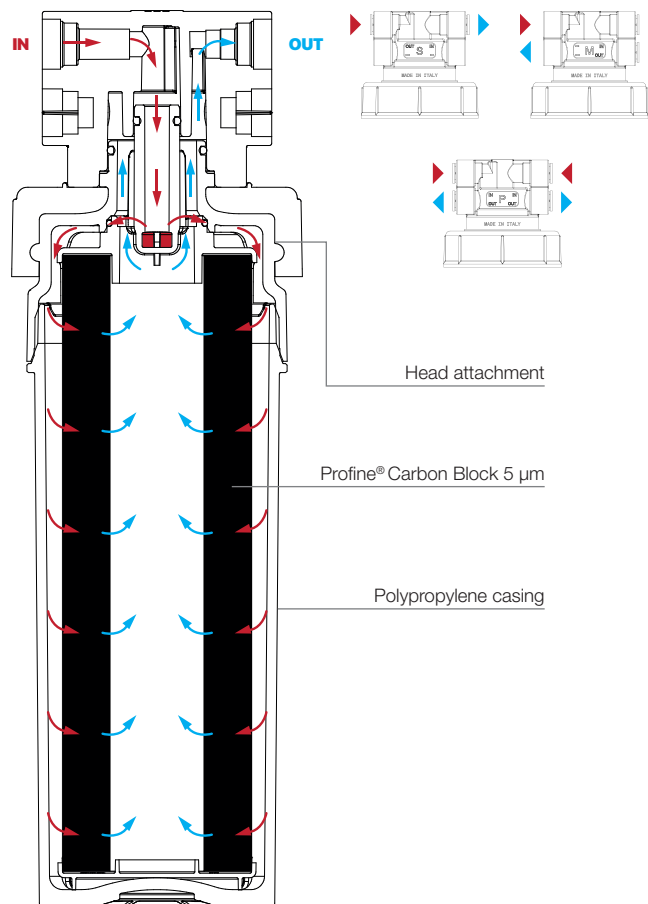
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Min - Max Temperature  
**4°C – 30°C**  
**(40°F – 86°F)**



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



## PARAMETERS

SMALL	MEDIUM	LARGE
15,000 l*	24,000 l*	45,000 l*

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

## VERIFICATION OF PARAMETER VARIATION

PARAMETER	REF. REGULATION ITALIAN LEGISLATIVE DECREE 31/2012	UNTREATED WATER	TREATED WATER	NOTE
microplastics		initial value (100%)	60-65% reduction	
pH	≥ 6.5 and ≤ 9.5	≥ 8.2 and ≤ 8.3	≥ 8.1 and ≤ 8.4 mg/l	
total bacterial colonies 22°C and 36°C		100 CFU/ml (22°C) 20 CFU/ml (36°C)	100 CFU/ml (22°C) 20 CFU/ml (36°C)	verification after 60 days of non-use
free chlorine	0.20 mg/l	1.00 mg/l	≥ 0.1 and ≤ 0.2 mg/l	85% reduction
conductivity	2500 µS/cm - 20°C	≥ 350 and ≤ 400 µS/cm	≥ 320 and ≤ 390 µS/cm	

Verification of the processing system was performed by the TIFQLAB University of Calabria, Food Process Engineering Laboratory Sect.

## PACKAGING (box of 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

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, an ISO 9001:2015 (quality), ISO 14001:2015 (environment) and MOCA company certified.

## PRODUCT certifications

Complies with the **ICIM 0415CS REGULATION** Products and components used in contact with water intended for human consumption (including **Italian Ministerial Decree 25/2012** according to the Tifq Lab laboratory test) **ACS, KIWA KUKreg4** and **WRAS**.

## INACTIVITY

Short periods of inactivity: cartridge flushing required; 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 the Profine® filters are BPA-free.

## DISPOSAL

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