



Profine® gold



drinking water

ULTRAFILTRATION FOR DRINKING WATER

Profine® **Gold** removes bad odours and off-tastes, reduces chlorine, and has a filter rating of 0,1 micron. A cartridge with the highest level of filtration that includes and maximizes the advantages of the Profine® Carbon Block system with silver that together with an ultrafiltration step that is able to block the 99,9999% passage of bacteria.



MODELS	
CODE	MODELS
Y21406B-AXM	SMALL
Y21405B-AXK	MEDIUM
Y21404B-AXH	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: technology with extruded "Profine® Carbon Block" activated carbon with silver ions and hollow fiber ultra filtration 0.1 micron final phase.

GENERAL CHARACTERISTICS

Quick-connect disposable cartridge filtration by "Profine® Carbon Block" with silver ions technology and with hollow fiber 0.1 micron ultrafiltration final phase. Activated carbon filter for dechlorination and clarifying drinking water. The filtration reduces chlorine content, organic compounds, odors / off-tastes from the water. Thanks to the presence of silver ions, the antibacterial action downstream of the treatment system is guaranteed. Moreover, the ultrafiltration blocks the passage of most of 99.9999% of bacteria and viruses. Profine® Gold has been certified by TIFQ LAB, and complies with the high quality standards required by Italian law with regarding to the treatment plants of drinking water. Lab tests were conducted by simulating domestic use, also referring to long periods of inactivity of the system. For this information, you can consult the report of the reference laboratory, which presents the data quality that make the GOLD cartridge become certified.

USE

Filtration for household systems for treatment of drinking water.

INSTALLATION

Upright or horizontal, as preferred with the help of support clip. Bayonet fitting for Profine® heads. Before removing the cartridge, close the inlet water valve and remove the pressure in the circuit by opening the downstream tap. Turn the empty cartridge by 90 ° clockwise, then remove the cartridge from the head. Insert the new cartridge, after removing the protective cap, and turn it 90° anticlockwise. Open the inlet valve and supply water for at least 5 minutes to activate the new cartridge. After brief periods of inactivity, supply water before drinking it. In the event of prolonged disuse, disinfect the system.

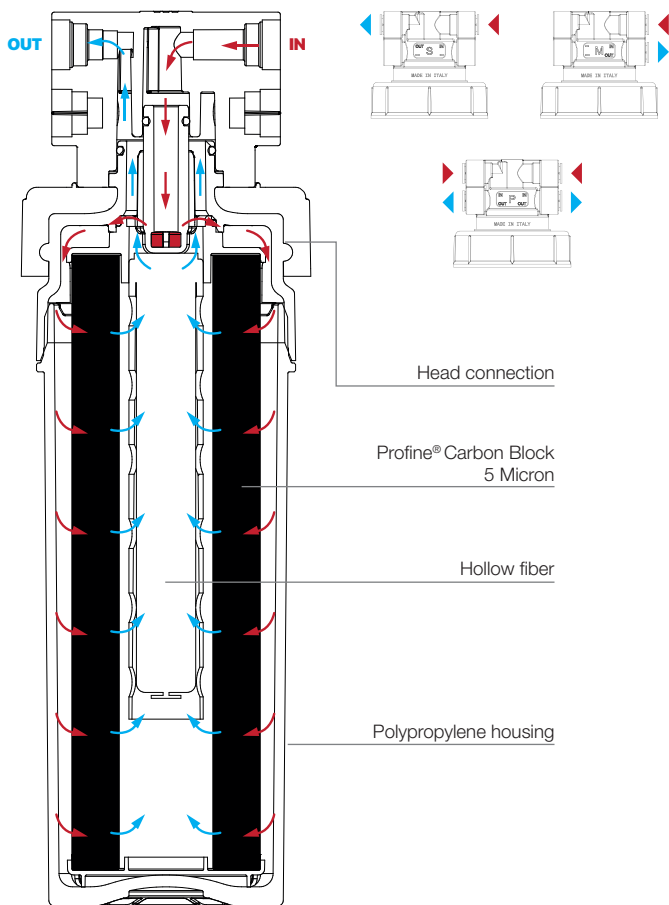


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Temperature Min - Max
4 °C – 30 °C
(40 °F – 86 °F)



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

PARAMETERS		
SMALL	MEDIUM	LARGE
7.000 l*	10.000 l*	15.000 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 99,99%	
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)	0 UFC/ml (22°C) 0 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	
Pseudomonas Aeruginosa	0 UFC/250 mL	10 UFC/250 mL	0 UFC/250 mL	

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

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.

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** and **Ministerial Decree 174/2004** as per Tifq Lab laboratory test).

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).