



MODELS	Y21436B Mini	diam. 87,4 mm; length 216.5 mm
	Y21403B Small	diam. 87,4 mm; length 269 mm
	Y21402B Medium	diam. 87,4 mm; length 384 mm
	Y21401B Large	diam. 87,4 mm; length 529 mm



Prodotto Conforme
D.M. 174/2004



MATERIALS

Cartridge: polypropylene; Filtration: technology with extruded "CARBON BLOCK" activated carbon with silver ions.

GENERAL CHARACTERISTICS

Quick-connect disposable cartridge, with filtration by "CARBON BLOCK" with silver ions technology; 0.5 microns filtration. Activated carbon filter for dechlorination and clarifying of drinking water. The filtration reduces chlorine content, organic compounds, odors / off-tastes from water. Thanks to the presence of silver ions, the antibacterial action downstream of the treatment system is guaranteed. Profine® SILVER has been certified by TIFQ LAB, and complies with the high quality standards required by Italian law with regarding to the treatment systems 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 quality data that make SILVER cartridge become certified.

USE

Filtration for household systems for treatment of drinking water.

INSTALLATION AND USE

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 case of prolonged disuse, disinfect the system.

REPLACEMENT

We recommend the replacement of the cartridge at the end of its capacity, or in the case the 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.

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

HEAD Standard.

DISPOSE OF THE SPENT CARTRIDGE Exhausted cartridges qualify as municipal solid waste and must be disposed of as prescribed by the relevant local authorities and in compliance with current legislation.

PACKAGING Cardboard box 6 pieces

Mini L x W x H: 28.5x19x22.9 cm
Small L x W x H: 28x20x28 cm
Medium L x W x H: 28x20x39,5 cm
Large L x W x H: 28x20x54 cm

TECHNICAL SPECIFICATIONS

Functional flow rate:

Mini 2,2 l/m*
Small 3 l/m*
Medium 5 l/m*
Large 7 l/m*

Min - Max working pressure:

2 bar - 6 bar (0,2 -0,6 Mpa)

Min - Max Temperature:

4 °C-30°C (40° F-86° F)

Capacity:

Mini 7.000 l*
Small 10.000 l*
Medium 15.500 l*
Large 22.000 l*

**Performances can vary depending on the quality of the incoming water. Internal tests have shown that Profine® SILVER Large cartridge has a capacity equal to 45000 l.*

CHECK OF PARAMETER CHANGE FOR SILVER SMALL AND SILVER MEDIUM

The values represented refer to a trial of 10000 liters (with cartridge SMALL) and 15000 (with cartridge MEDIUM) with domestic drinking water.

PARAMETER	EU DIRECTIVE 98/83	TESTING WATER QUALITY	TREATED WATER QUALITY	NOTE
Alluminium	≤*0,20 mg/l	≥ 0,006 e ≤ 0,012 mg/l	*S ≥ 0,0004 e ≤ 0,002 mg/l *M ≥ 0,001 e ≤ 0,004 mg/l	
Ammonium (NH ₄)	≤0,50 mg/l	0,00 mg/l	0,00 mg/l	
pH	≥ 6,5 e ≤ 9,5	≥ 8,2 e ≤ 8,3	*S ≥ 8,1 e ≤ 8,4 *M ≥ 8,9 e ≤ 8,2	
Iron	≤0,20 mg/l	≥ 0,15 e ≤ 0,17 mg/l	*S ≥ 0,0003 e ≤ 0,005 mg/l *M ≥ 0,00018 e ≤ 0,0039 mg/l	
Pseudomonas Aeruginosa	0 UFC/250 ml	0 UFC/250 ml	0 UFC/250 ml	Check after 60 days of no use
Solphate	≤250 mg/l	≥ 29,1 e ≤ 30,6 mg/l	*S ≥ 23,9 e ≤ 28,1 mg/l *M ≥ 17,3 e ≤ 21,1 mg/l	
Bacteria growth a 22°C e a 37°C	No abnormal change	No abnormal change	No abnormal change	Check after 60 days of no use
Coliform bacteria a 37°C	0 UFC/250 ml	0 UFC/250 ml	0 UFC/250 ml	Check after 60 days of no use
Active Chlorine	*S 0,20 mg/l *M 2 mg/l (Indic. NSF 42)	*S ≥ 0,09 e ≤ 0,12 mg/l *M ≥ 0,09 e ≤ 0,28 mg/l	*S ≥ 0,02 e ≤ 0,04 mg/l *M ≥ 0,20 mg/l	85% Reduction