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| MODELS Y21406B Small | diam. 87,4 mm; length 269 mm |
| Y21405B Medium | diam. 87,4 mm; length 384 mm |
| Y21404B Large | diam. 87,4 mm; length 529 mm |



MATERIALS

Cartridge: polypropylene; Filtration: technology with extruded "CARBON BLOCK" activated carbon with silver ions and hollow fiber ultrafiltration 0.1 micron final phase.

GENERAL CHARACTERISTICS

Quick-connect disposable cartridge, with filtration by "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 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 event 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.

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| INACTIVITY | SHORT periods of inactivity: flushing of the cartridge is necessary; in case of prolonged disuse, it is possible to disinfect the system. | TECHNICAL SPECIFICATIONS | |
| HEAD | Standard. | Functional flow rate: | Small 3 l/m* Medium 5 l/m* Large 7 l/m* |
| 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. | Filtration efficiency: | 96% |
| PACKAGING | Cardboard box 6 pieces | Min - Max working pressure: | 2 bar - 6 bar (0,2 - 0,6 Mpa) |
| | Small L x W x H: 28x20x28 cm | Min - Max Temperature: | 4 °C-30°C (40° F-86° F) |
| | Medium L x W x H: 28x20x39,5 cm | Capacity: | Small 10.000 l* Medium 15.500 l* Large 22.000 l* |
| | Large L x W x H: 28x20x54 cm | | <i>*Performances can vary depending on the quality of the incoming water.</i> |

CHECK OF PARAMETER CHANGE

The values represented refer to a trial with domestic drinking water.

| PARAMETER | EU DIRECTIVE 98/83 | TESTING WATER QUALITY | TREATED WATER QUALITY | NOTE |
|---------------------------------|--------------------|-------------------------|--------------------------|-------------------------------|
| Alluminium | ≤*0,20 mg/l | ≥ 0,0013 e ≤ 0,013 mg/l | ≥ 0,0013 e ≤ 0,0047 mg/l | |
| Ammonium (NH ₄) | ≤0,50 mg/l | 0,00 mg/l | 0,00 mg/l | |
| pH | ≥ 6,5 e ≤ 9,5 | ≥ 8,10 e ≤ 8,25 | ≥ 8,16 e ≤ 8,57 | |
| Iron | ≤0,20 mg/l | ≥ 0,15 e ≤ 0,166 mg/l | ≥ 0,106 e ≤ 0,16 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 | ≥ 29,72 e ≤ 32,01 mg/l | ≥ 23,09 e ≤ 36,11 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 | 0,20 mg/l | 2,0 mg/l | ≥ 0,12 e ≤ 0,21 mg/l | |
| Nitrate | 50 mg/l | ≥ 0,51 e ≤ 0,57 mg/l | 0 mg/l | |
| Hardness | 15 – 50 °F | ≥ 13,9 e ≤ 19,0 °F | ≥ 11,5 e ≤ 16,3 °F | |