GOLD

professional use

beverages



Pallas PWG cartridges

Ultrafiltration for drinking water

Pallas PWG cartridge GOLD is the certainty for drinking water. 0.1 µm filtration and Carbon Block technology added with silver ions combined with an ultrafiltration stage that prevents the passage of 99.9999% of bacteria. It complies with Italian Ministerial Decree 25/2012.

+ Removes odours and off-tastes
+ Reduces chlorine
+ Prevents passage of 99.9999% of bacteria
+ Reduces the organic macromolecules presence

MADE IN ITALY

ICIM CERTIFIED PRODUCT WATER CONTACT MATERIALS

Cartridges

Reference	Config.	Item Name	Price
1762010003	PWG-SMALL	Cartridge GOLD with carbon block - Small	
1762010003	PWG-MEDIUM	Cartridge GOLD with carbon block - Medium	
1762010003	PWG-LARGE	Cartridge GOLD with carbon block - Large	

General characteristics

Quick-connect disposable cartridge with silver ions technology and with hollow fiber 0.1 micron ultrafiltration final phase. Activated carbon filter for dechlorination and clarifying drinking water.
The filter 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 99.9999% of bacteria and viruses. Pallas PWG cartridges 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 cartrigde become certified.

Materials

- Cartridge: polypropylene
- Filtration: technology with extruded “Pallas PWG cartridges Carbon Block” activated carbon with silver ions and hollow fiber ultra filtration 0.1 micron phase.



4 °C – 30 °C



2 bar – 6 bar

Head

Standard

Installation

Upright or horizontal, as preferred with the help of support clip. Bayonet fitting for Pallas PWG cartridges 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.

Use

USE Filtration for household systems for treatment of drinking water.

Replacement

It's recommended to replace the cartridge at the end of its nominal range, or if the output flow is too slow. However, the cartridge must be replaced within 365 days from its installation. Before removing the cartridge, close the water inlet upstream valve and eliminate the pressure in the circuit by opening the tap. To activate the cartridge correctly, open the inlet valve and dispense water for at least five minutes before taking it for potable uses.

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 Pallas PWG cartridges filters, the environmental impact is close to 0. All Pallas PWG cartridges filters are BPA free.

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

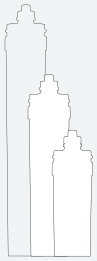
Dimensions

SMALL Ø 87,4 mm I h 270 mm

MEDIUM Ø 87,4 mm I h 385 mm

LARGE Ø 87,4 mm I h 530 mm

When installing and replacing the filter, consider the space required to remove the cartridge.



Technical specifications

SMALL flow rate: 3 l/min*
capacity: 7.000 l*

MEDIUM flow rate: 5 l/min*
capacity: 10.000 l*

LARGE flow rate: 7 l/min*
capacity: 15.000 l*

* Capacities may vary based on incoming water and flow rates.
* Gold Ultra Filtration hollow fibers are sensitive for clogging in in application with lower inlet water quality and old pipe systems.

Parameters

PARAMETER	EU DIRECTIVE 98/83	TESTING WATER QUALITY	TREATED WATER QUALITY
Iron	0,20 mg/l	≥ 0,15 / ≤ 0,17 mg/l	≥ 0,106 / ≤ 0,166 mg/l
Nitrate	50 mg/l	≥ 0,51 / ≤ 0,57 mg/l	0 mg/l
Hardness	≤ 50 °f	≥ 19,0 °f ≥	11,5 / ≤ 16,3 °f
Bacteria growth 22°C and 37°C	No abnormal change	No abnormal change	No abnormal change Check after 60 days of no use
Active Chlorine	0,20 mg/l M 2 mg/l (Indic. NSF 42)	2,00 mg/l	≥ 0,12 / ≤ 0,21 mg/l

