BLUE

professional use

beverages



Pallas PWG cartridges

Drinking water dechlorination and clarification

Pallas PWG cartridge BLUE reduces and removes turbidity in water, chlorine, off-tastes and odours. 5 µm nominal filtration. It complies with Italian Ministerial Decree 25/2012.

+ Removes odours and off-tastes
+ Reduces chlorine
+ Reduces water turbidity
+ Reduces the organic macromolecules presence

Cartridges

Reference	Config.	Item Name	Price
1762010001	PWG-SMALL	Cartridge carbon block BLUE - Small	
1762010001	PWG-MEDIUM	Cartridge carbon block BLUE - Medium	
1762010001	PWG-LARGE	Cartridge carbon block BLUE - Large	

General characteristics

Quick-connect disposable cartridge with Carbon Block technology; filtration of 5 microns. Activated carbon filter for dechlorination and clarification of drinking water, according to EU Directive 98/83/EC. The filtration reduces chlorine content, organic compounds, odours/off-tastes from water.

Materials

- Cartridge: polypropylene
- Filtration: activated carbon technology: extruded Pallas PWG cartridges Carbon Block.



4 °C – 30 °C



2 bar – 6 bar

Head

Standard

Installation

Upright or horizontal, as preferred. Bayonet fitting for Pallas PWG cartridges heads.

Use

Pre-filtration for reverse osmosis or similar equipments. Its use is not allowed if the water quality is not known by analysis or microbiologically not controlled; its use is allowed if the water is declared drinkable.

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).

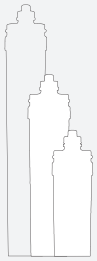
Dimensions

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: 15.000 l*

MEDIUM flow rate: 5 l/min*
capacity: 24.000 l*

LARGE flow rate: 7 l/min*
capacity: 45.000 l*

* Capacities may vary based on incoming water and flow rates.

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
Chloride	250 mg/l	min. 0,62 mg/l max 1,06 mg/l	min. 0,60 mg/l max 0,99 mg/l
pH	≥ 6,5 and ≤ 9,5	average 8,22	average 8,33
Conductivity	2500 µScm-1 20 °C	average 383	average 355
Manganese	≤ 0,05 mg/l	0.0004 mg/l	0.0001 mg/l

