VIOLET

professional use

beverages



Pallas PWG cartridges

Temporary hardness reduction and microfiltration

Pallas PWG cartridge VIOLET is part of the filtration line dedicated to the removal of temporary hardness. Suitable for hotels, restaurants and coffee bars. PWG VIOLET Limescale protection. Equipped with Carbon Block it also removes odours and off-taste, reduces chlorine and performs a bacteriostatic action. The cartridges has pH control: reduction to around pH of 7.

+ Removes odours and off-tastes
+ Reduces chlorine
+ Guarantees a bacteriostatic action
+ pH control
+ Reduces temporary hardness
+ Protection of plants
+ Efficient against limescale

Cartridges

Reference	Config.	Item Name	Price
1762010007	PWG-SMALL	Cartridge VIOLET weak cation - Small	
1762010007	PWG-MEDIUM	Cartridge VIOLET weak cation - Medium	
1762010007	PWG-LARGE	Cartridge VIOLET weak cation - Large	

General characteristics

Disposable cartridge for the removal of the temporary water hardness, the last phase of filtration is by “PWG Carbon Block” technology with silver ions, filtration 0.5 microns.

Materials

- Cartridge: polypropylene
- Two steps Filtration
  1. Weak cationic resin
  2. Carbon Block technology with silver ions.





Head

“R” head with flow regulator. This type of head is necessary because the chemical reactions of ionic exchange that must take place inside the filter cartridge needs an appropriate time to act. The head must be dimensioned according to the size of the cartridge.

Installation

Standard

Use

Professional and industrial water treatment sector.
Sector of coffee machines if they need a temporary reduction of water hardness, sector of systems for beverage preparation or similar.

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).

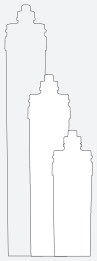
Dimensions

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: 1 l/min*
capacity: 700 l*

MEDIUM flow rate: 1,5 l/min*
capacity: 1.100 l*

LARGE flow rate: 2 l/min*
capacity: 1.600 l*

* Exchange capacities may vary based on total hardness concentrations of incoming water and flow rates.
Calculated capacities with an inlet water hardness of 10 °dH.

