Pallas®
Cartridges

professional use
beverages



PFAS

Domestic filtration which removes the PFAS

Pallas Plus cartridge PFAS removes perfluorocarbons PFCs, bad odours and off-tastes in drinking water. Perfluorocarbons PFCs selective resin, with Pallas Plus cartridges Carbon Block 0.5 µm final stage filtration enriched with a silver ions to give a bacteriostatic feature. Used for drinking water with maximum 500 ng/l Pfas concentration.

+ Removes odours and off-tastes and reduces chlorine
+ Guarantees a bacteriostatic action
+ Reduces concentration of pfas

MADE IN ITALY
MOCA
PRODUCT COMPLIANT
DM 25/2012

Cartridges

Reference	Config.	Item Name
1762010013	PWG-2xMEDI	Cartridge PFAS - Medium
1762010013	PWG-LARGE	Cartridge PFAS - Large

General characteristics

It is a disposable cartridge with Perfluorocarbons Pfas selective resin for the treatment of drinking water. The quick-connect Pallas Plus cartridges has a final 0.5 filtration stage and Pallas Plus cartridges Carbon Block technology mixed with silver ions, filtration of 0,5microns.



Head

“R” head with flow regulator. This type of is 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

Upright

Use

To be used at point of use, for drinking water with lesser than 500 ng/l Pfas concentration.

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

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

Dimensions



MEDIUM Ø 87,4 mm | h 385 mm

LARGE Ø 87,4 mm | h 530 mm

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

Technical specifications

MEDIUM flow rate: 2 l/min*

capacity: 11.000 l

LARGE flow rate: 2 l/min*

capacity: 11.000 l

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

Parameters

PARAMETER	NORMATIVE REFERENCE D.LGS. 31/2001	NOT TREATED WATER	TREATED WATER
Pfas	-	250 ng/l	0,0 ng/l
Aluminium	≤ 0,20 mg/l	≥ 0,006 / ≤ 0,012 mg/l	≥ 0,004 / ≤ 0,002 mg/l
Ammonium (NH4)	0,50 mg/l	0,00 mg/l	0,0 mg/l
pH	≥ 6,5 and ≤ 9,5	≥ 8,2 and ≤ 8,3	≥ 8,1 / ≤ 8,4 mg/l
Iron	≤ 0,20 mg/l	≥ 0,15 / ≤ 0,17 mg/l	≥ 0,003 / ≤ 0,005 mg/l
Pseudomonas aeruginosa	0 UFC / 250 ml	0 UFC / 250 ml	0 UFC / 250 ml
Sulphate	≤ 250 mg/l	≥ 29,1 and ≤ 30,5 mg/l	≥ 23,9 / ≤ 28,1 mg/l
Bacteria growth 22°C/37°C	0 UFC / 250 ml	--	Without abnormal changes
Coliform bacteria 37°C	0 UFC / 250 ml	0 UFC / 250 ml	0 UFC / 250 ml
Activated Chlorine	0,20 mg/l	≥ 0,09 / ≤ 0,12 mg/l	≥ 0,02 / ≤ 0,04 mg/l

