ICE

professional use



Pallas PWG cartridges

Brighting ICE with bacteriostatic dechlorative action and limescale reduction

Pallas PWG cartridge ICE for brighting ice. It has a first filtration and adsorbent stage made by a 0.5 µm Pallas PWG cartridges Carbon Block technology, that eliminates unpleasant odours and tastes and a bacteriostatic action through silver ions. An antilimescale final stage provides protection against limescale precipitation even at low temperatures as in ice production systems.

+ Limescale protection and brilliant ice
+ Removes odours, off-tastes and chlorine
+ Bacteriostatic action

MADE IN ITALY · MOCA · PRODUCT COMPLIANT DM 25/2012

Cartridges

Reference	Config.	Item Name	Price
1762010011	PWG-SMALL	Cartridge ICE carbon block - Small	
1762010011	PWG-MEDIUM	Cartridge ICE carbon block - Medium	
1762010011	PWG-LARGE	Cartridge ICE carbon block - Large	

General characteristics

Activated carbon cartridge for dechlorination and clarification of drinking water. Quick-connect disposable cartridge, with filtration by Carbon Block with silver ions technology; 0,5 micron filtration. Pallas PWG cartridges ICE removes turbidity above 0.5 µm, reducing chlorocompounds, flavors and odors; with a neutralization action that prevents limescale precipitation in drinking water. The presence of silver ions guarantee the bacteriostatic action.

Materials

Technopolymer cartridge according to the provisions of the DM25/12 concerning the DM174/2004 and Legislative Decree 31/2001.

Head

“R” head with flow regulator. The head must be dimensioned according to the size of the cartridge.

Installation

Vertical position

Use

Stage of refining of drinking water for ice production.

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).



4 °C – 30 °C



2 bar – 6 bar

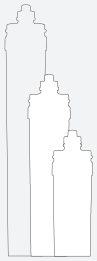
Dimensions

SMALL Ø 87,4 mm l h 270 mm

MEDIUM Ø 87,4 mm l h 385 mm

LARGE Ø 87,4 mm l h 530 mm

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



Technical specifications

SMALL flow rate: 1,5 l/min*
capacity: 10.000 l* *

MEDIUM flow rate: 2,5 l/min*
capacity: 22.000 l* *

LARGE flow rate: 3,5 l/min*
capacity: 30.000 l* *

* Capacities may vary based on incoming water and flow rates.
* * Production may vary depending on the quality of the incoming water. With reference to the lifetime of the Pallas PWG cartridges ICE Large cartridge, internal tests have shown a range of 45000 l.

Parameters

PARAMETER	REF. REGULATION D.LGS. 31/2012	TESTING WATER QUALITY	TREATED WATER QUALITY	NOTE
Ammonium (NH4)	≤0,50 mg/l	0,00 mg/l	0,00 mg/l	
pH	≥ 6,5 and ≤ 9,5	≥ 7,6 and ≤ 7,9	≥ 7,7 and ≤ 8,3	
PO43	-	≥ 0,04 mg/l ≤ 0,07 mg/l	≥ 0,2 mg/l ≤ 0,9 mg/l	
Bacteria growth 22°C - 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)	0,00 mg/l	0,00 mg/l	85% Reduction

