



Profine® violet



professional use

**TEMPORARY HARDNESS
REDUCTION**



Profine® **Violet** is designed to reduce the temporary hardness of drinking water.

Quick-connect cartridge with carboxylic weak cation resin mixed with granular carbon, final Profine® Carbon Block stage with silver ions.

MODELS	
CODE	MODELS
PPVS0SMO-AYW	SMALL
PPVM0MDO-AYV	MEDIUM
PPVL0LR0-AYU	LARGE

DIMENSIONS			
MODELS	DIAMETER	HEIGHT (without head)	HEIGHT (with head)
SMALL	874 mm	269 mm	300 mm
MEDIUM	874 mm	384 mm	420 mm
LARGE	874 mm	529 mm	560 mm

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

TECHNICAL SPECIFICATIONS	
MODELS	FLOW RATE
SMALL	1 l/min
MEDIUM	1,5 l/min*
LARGE	2 l/min*

*Exchange capacities may vary based on arsenic concentrations of incoming water and flow rates.



MATERIALS

Cartridge: polypropylene;
Filtration: by two steps:
A) weak carboxyl cationic resin
B) "Profine® Carbon Block" technology with silver ions.

GENERAL CHARACTERISTICS

Disposable cartridge for the removal of the temporary water hardness, the last phase of filtration is by "Profine® Carbon Block" technology with silver ions, filtration 0.5 microns. If the cartridge is used in equipment related to the food sector, this system must meet the requirements of European Community Directive 178/2002.

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.

INSTALLATION

Standard.

HEAD

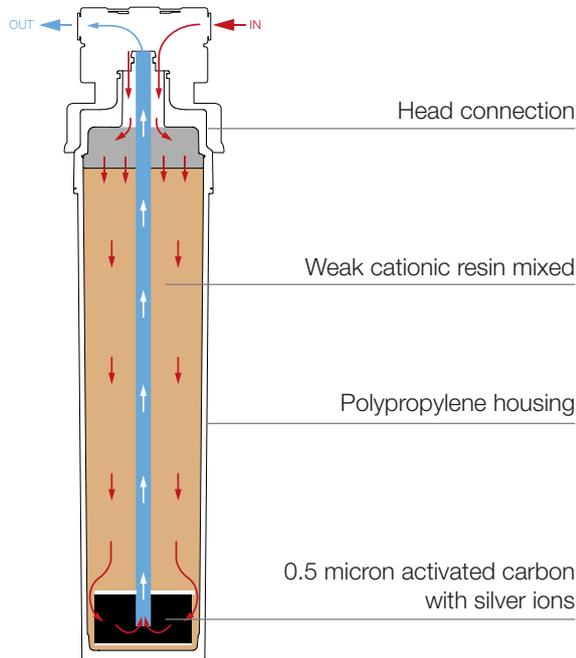
"R" head with flow regulator. This type of head is necessary because the chemical reactions of ionic exchange that must take place inside the filter cartridge need an appropriate time to act. The head must be dimensioned according to the size of the cartridge.

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Temperature Min - Max
4 °C – 30 °C
(40 °F – 86 °F)



Operating pressure Min - Max
2 bar – 6 bar
(0,2 – 0,6 MPa)

PARAMETERS	LIFE-CYCLE ACCORDING TO RESIN EXCHANGE CAPACITY			
	DUR. °DH	SMALL	MEDIUM	LARGE
	10	700 l*	1.100 l*	1.600 l*

*Exchange capacities may vary based on arsenic concentrations of incoming water and flow rates.

PACKAGING (Cardboard box 6 pieces)			
MODELS	WIDTH	DEPTH	HEIGHT
SMALL	28 cm	20 cm	28 cm
MEDIUM	28 cm	20 cm	39,5 cm
LARGE	28 cm	20 cm	54 cm

REPLACEMENT

We recommend replacing the cartridge at the end of its nominal range, or if the output flow rate is too slow. It's better that you replace the cartridge within 365 days of its installation. Before removing the cartridge, close the upstream water inlet and eliminate the pressure in the circuit by opening the downstream tap. To activate the cartridge correctly, open the inlet valve and supply water for at least five minutes before drinking it.

COMPANY CERTIFICATIONS

Made in Italy by think:water, ISO 9001-2015 certified company (quality) and 14001-2015 (environmental).

CERTIFICATION PRODUCTS

Complies with **MOCA, ACS** and **CE 1935/2004** regulations.

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 Profine® filters, the environmental impact is close to 0. All Profine® filters are BPA free.

DISPOSE OF THE SPENT CARTRIDGE

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