



Profine® violet



steam ovens



coffee

**TEMPORARY HARDNESS
REDUCTION WITH STABLE PH**



Profine® **Violet** enables the reduction of temporary hardness in drinking water while maintaining a stable pH. Multistage filter with Profine® Carbon Block silver final.

GENERAL CHARACTERISTICS

Single-use filter for removal of temporary water hardness and 0.5 µm filtration stage using Profine® Carbon Block technology additivated with silver ions.

The filter refines the water quality by allowing to:

- remove carbonate-derived hardness that generates scale;
- enhance the taste of the coffee and achieve an ideal crema colour and consistency;
- the pH of the water remains stable.

CONDITIONING

The process of activating the water filters includes a first activation phase activation phase called Conditioning.

Conditioning is the initial process of rinsing the filter to bring it into the ideal condition for operation. This initial rinse ensures that all filter media inside the filter and the circuit itself are completely clean.

USE

Professional and industrial water treatment sector. Ideal for use with automatic beverage dispensers, coffee machines, steam ovens and/or combi ovens. The filter must only be supplied with cold drinking water.

INSTALLATION

Vertical installation is recommended.

HEADER FOR SMALL MEDIUM AND LARGE

"R" header with built-in flow regulator. The header must be sized according to the cartridge size.

INTEGRATED HEADER FOR BIG

Big Profine® cartridges are equipped with an integrated header so they can be installed directly without any additional accessory to the filter.

REPLACEMENT

We recommend replacing the cartridge within 365 days of its installation. Before removing the filter cartridge, close the upstream water inlet and relieve the circuit pressure by opening the tap.

COMPANY CERTIFICATIONS

Manufactured in Italy by think:water, an ISO 9001:2015 (quality), ISO 14001:2015 (environment) and MOCA certified company.

PRODUCT CERTIFICATIONS

Conforms to ICIM regulation **0445CS** Products and components used in contact with foodstuffs according to MOCA regulations (including CE 1935/2004 as per Tifq Lab tests), **ACS, KIWA KUKreg4** and **WRAS**.

INACTIVITY

Short periods of inactivity: cartridge flushing is necessary; in case of prolonged inactivity, system disinfection can be performed.

ENVIRONMENT

For the production of Profine® filters the environmental impact is close to 0. All Profine® filters are BPA free.

DISPOSAL

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



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



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

MODELS


CODE	MODEL	DIAMETER	HEIGHT	HEIGHT (with header)
Y21421B-AYW	SMALL	87,4 mm	270 mm	30,2 cm
Y21420B-AYV	MEDIUM	87,4 mm	385 mm	41,7 cm
Y21419B-AYU	LARGE	87,4 mm	530 mm	56,2 cm
PBBVP200-B3R	BIG 2.0	135 mm	308 mm	--
PBBVP300-B3S	BIG 3.0	135 mm	385 mm	--
PBBVP450-B3U	BIG 4.5	173 mm	395 mm	--
PBBVP600-B3V	BIG 6.0	173 mm	464 mm	--

PACKAGING

PRODUCT	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
BIG 2.0	14 cm	14 cm	33 cm
BIG 3.0	140 cm	14 cm	40,7 cm
BIG 4.5	18 cm	17,7 cm	41,5 cm
BIG 6.0	18 cm	17,5 cm	48 cm

* Box of 6 pieces

PARAMETERS

MODELS	FLOW RATE	CAPACITY
SMALL	1 l/min	To find out the autonomy download the Profine® Remove App.
MEDIUM	1,5 l/min*	
LARGE	2 l/min*	
BIG 2.0	2 l/min	
BIG 3.0	2,5 l/min	
BIG 4.5	3,5 l/min	
BIG 6.0	4,5 l/min	





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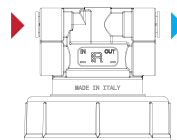
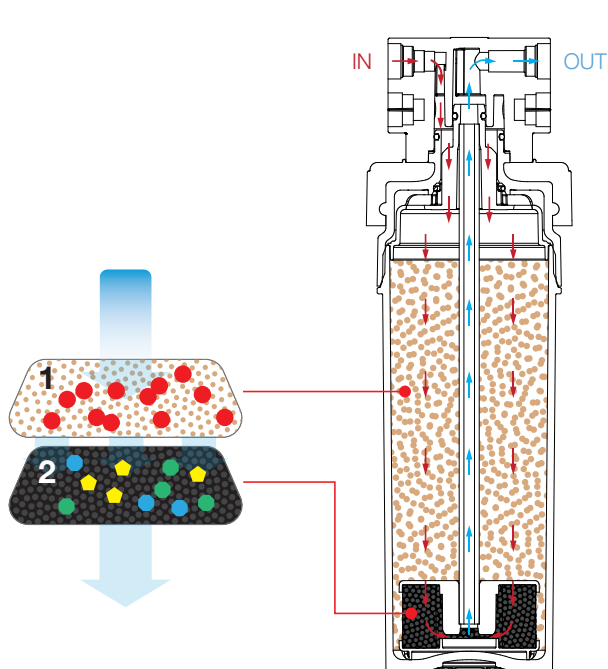


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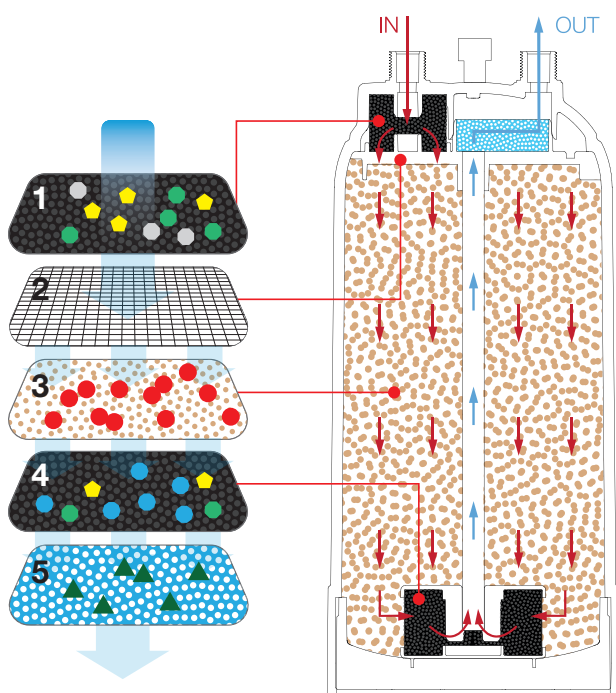


- Chlorine
- Fine particles >0.5 μm
- ▲ Organic substances
- Carbonate hardness

- 1 Resin**
Highly efficient ion exchange resin.
- 2 Micrometric post filtration**
Profine® Silver Carbon Block 0.5 μm technology. Removes chlorine, particles, unwanted tastes and odours and organic substances.

CARTRIDGE FILTER

BIG FILTER



- Chlorine
- Particles > 5 μm
- ▲ Organic substances
- Carbonate hardness
- Fine particles >0.5 μm
- ▲ Suspended matter

- 1 Micrometric pre-filtration**
Profine® Carbon Block 5 μm technology. Removes chlorine, particles, unwanted tastes and odours and organic substances.
- 2 Upper lamellar distributor**
Distributes the water avoiding the creation of preferential channels.
- 3 Resin**
Highly efficient ion exchange resin.
- 4 Particulate filter**
Separation of fine particles and organic matter.
- 5 Final filtration stage**
Separation of suspended matter.