



Profine® *brown*



Vending

**TEMPORARY HIGH
HARDNESS REDUCTION**

Profine® **Brown** allows the reduction of temporary hardness in drinking water and guarantees high autonomy. Multistage filter with Profine® Carbon Block silver final.

GENERAL CHARACTERISTICS

Disposable filter for the 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:

- remove carbonate-derived hardness that generates scale;
- enhance the coffee flavour;
- have a high autonomy.

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 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 size of the cartridge.

INTEGRATED HEADER FOR BIG

The Big Profine® is equipped with an integrated head and can therefore be installed directly without any additional filter accessories.

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).

INACTIVITY

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

ENVIRONMENT

Per la produzione dei filtri Profine® l'impatto ambientale è prossimo a 0. Tutti i filtri Profine® sono 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)
Y21473B-B1A	SMALL	87,4 mm	270 mm	30,2 cm
Y21474B-B1B	MEDIUM	87,4 mm	385 mm	41,7 cm
Y21475B-B1C	LARGE	87,4 mm	530 mm	56,2 cm
Y21800B-B2V	BIG 2.0	135 mm	308 mm	--
Y21801B-B2W	BIG 3.0	135 mm	385 mm	--
Y21802B-B2X	BIG 4.5	173 mm	395 mm	--
Y21803B-B2Y	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	CAPACITY	AUTONOMY
SMALL	1 l/min	800 L
MEDIUM	1,5 l/min*	1250 L
LARGE	2 l/min*	1850 L
BIG 2.0	2,5 l/min	2300 L
BIG 3.0	3 l/min	3450 L
BIG 4.5	4 l/min	5200 L
BIG 6.0	5 l/min	6950 L



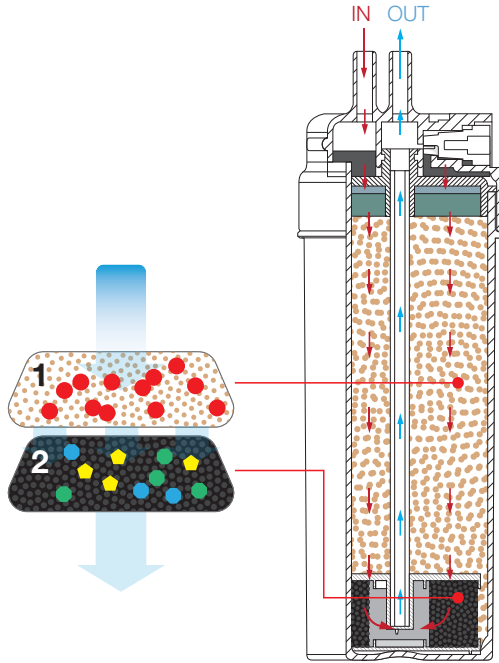


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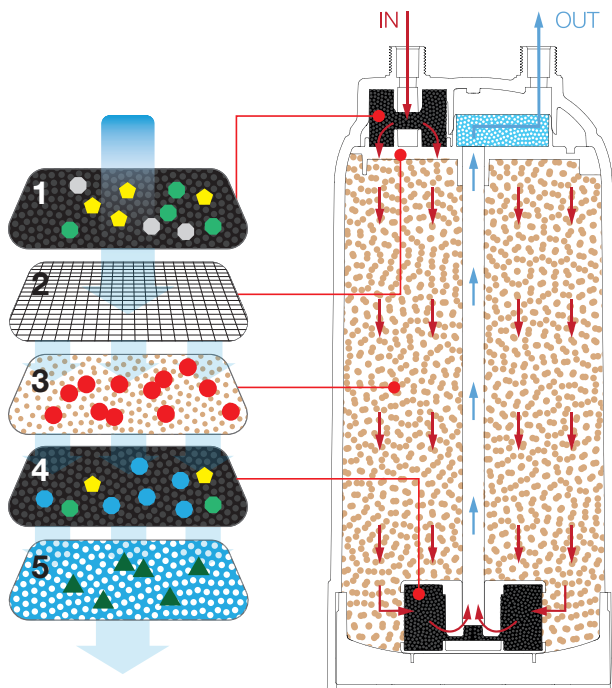


- Chlorine
- Fine particles >0.5 µm
- ⬠ Organic substances
- Carbonate hardness

- 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.