



# Profine® *brown* vending



**TEMPORARY HARDNESS  
REDUCTION & MICROFILTRATION**

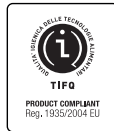
Profine® **Brown Vending** is a large capacity system for the treatment of drinking water, capable of reducing carbonate hardness while maintaining as favourable a pH as possible. The final treatment stage furthermore removes odours and flavours and acts as a bacteriostatic agent. It is also equipped with an integrated and adjustable by-pass. Product conforming with EC regulation 1935/2004 and Ministerial Decree 174/2004.



| MODELS       |        |
|--------------|--------|
| CODE         | MODELS |
| PVBMVMN0-B19 | MINI   |
| PVBSVSM1-B1A | SMALL  |
| PVBMVMD0-B1B | MEDIUM |
| PVBLVLR0-B1C | LARGE  |

| DIMENSIONS |          |          |
|------------|----------|----------|
| MODELS     | DIAMETER | HEIGHT   |
| MINI       | 88 mm    | 202 mm   |
| SMALL      | 88 mm    | 258,5 mm |
| MEDIUM     | 88 mm    | 373 mm   |
| LARGE      | 88 mm    | 518,5 mm |

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



## FILTER BROWN VENDING

Profine® Brown Vending water filter cartridge gives you:

- prevention of precipitation of carbonates
- maintaining of pH as favourable as possible
- an extended capacity guarantee
- a final stage of bacteriostatic microfiltration
- an adjustable by-pass from 15% to 70%
- chlorine removal
- cryptosporidium oocysts removal
- a food grade certificated resin for water treatment

All these features make Profine® Brown Vending ideal for use in drink machines, coffee machines, combi-steamers.

## GENERAL CHARACTERISTICS

Thanks to a multi-stage design in the exclusive formulation of the bed of specific ion exchangers, which guarantees the more extended functional autonomies; the cartridge Profine® Brown Vending refines the water quality allowing you to have the best coffee flavour and an ideal coffee foam in colour and texture. In addition Profine® Brown Vending also gives protection to your machine technology maintaining pH as favourable as possible. It is equipped with an exclusive by-pass integrated in the cartridge head that allows you to adjust it directly at each replacement. It also eliminates bad tastes and odours.

## USE

Profine® Brown Vending takes part in a group of Profine® Vending products tested and designed to meet every demand in restaurant, catering and vending sectors. It's ideal for use in drink machines, coffee machines, combi-steamers. The cartridge must be used only with cold drinking water.

## INSTALLATION

The cartridge must be installed in vertical position. Installation must be done in compliance with local regulations in law. Usare attacchi 3/8" femmina.



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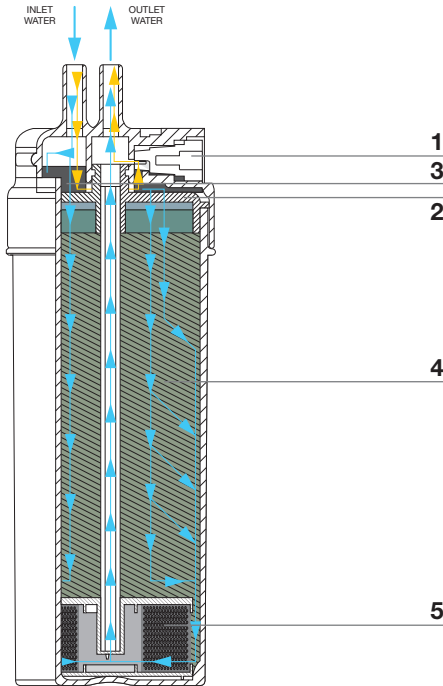
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Temperature Min - Max  
**4 °C – 30 °C (40 °F – 86 °F)**



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



### TOP TECHNOLOGY IN 5 STAGES:

1. by-pass integrated: the cartridge is equipped with a continuous setting bypass
2. laminated upper distributor to optimize the inlet flow
3. micrometric prefiltration that retains dirt and suspended particles
4. bed of ion high efficiency exchange resins to ensure maximum exchange capacity in reduced space
5. bacteriostatic post-filtering step to eliminate odours and flavours and chlorine compounds and ensure action against bacterial growth

| PARAMETERS |        |         |         |
|------------|--------|---------|---------|
| MINI       | SMALL  | MEDIUM  | LARGE   |
| 520 l*     | 800 l* | 1250 l* | 1850 l* |

\* Calculated autonomies with an inlet water hardness of 10 ° dKH with by-pass 15%.  
The exchange capacities may vary depending on the hardness of the incoming water and the flow rates.

| PACKAGING (cardboard box 6 pieces) |         |       |         |
|------------------------------------|---------|-------|---------|
| MODELS                             | WIDTH   | DEPTH | HEIGHT  |
| MINI                               | 28,5 cm | 19 cm | 22,9 cm |
| 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), 14001-2015 (environmental) and MOCA.

## CERTIFICATION PRODUCTS

Complies with EU 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).