



BIG nitrates



beverages



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**REDUCTION OF
NITRATES IN WATER
AND MICROFILTRATION**



The Profine® BIG **Nitrates** cartridge includes several treatments in one multi-stage product:

- removes nitrates
- final bacteriostatic action microfiltration stage
- removes bad odours and off-tastes
- removes chlorine compounds

BIG FILTER DIMENSIONS

MODELS			
CODE	MODELS	DIAMETER	HEIGHT
PBBNP200-B41	BIG 2.0	134 mm	285 mm
PBBNP300-B42	BIG 3.0	137 mm	374 mm
PBBNP450-B43	BIG 4.5	167 mm	381 mm
PBBNP600-B44	BIG 6.0	171 mm	451 mm

PACKAGING DIMENSIONS

PACKAGING			
PRODUCT	WIDTH	DEPTH	HEIGHT
BIG 2.0	327 mm	143 mm	145 mm
BIG 3.0	403 mm	143 mm	145 mm
BIG 4.5	413 mm	180 mm	180 mm
BIG 6.0	480 mm	180 mm	180 mm

* Cardboard box 1 piece



GENERAL CHARACTERISTICS

The Profine® BIG Nitrates cartridge is part of a wide range of Profine® products tested and designed to meet all food service, catering and automatic distribution demands. It is ideal for use with automatic drink dispensers and coffee machines. The cartridge must only be fed with cold water and mounted in vertical position. Thanks to the multi-stage design combining selective nitrates resin and the Profine® Carbon Block technology, the Profine® BIG Nitrates cartridge offers the guaranty of a safe and good Water by eliminating nitrates. Profine® BIG Nitrates refines water quality by allowing you to have nitrate-free drinks. It also eliminates unpleasant smells and flavors and guarantees a bacteriostatic action. The exclusive design of the connections directly on the cartridge reduces the size and makes replacement easy.

USE

It is ideal for use with automatic drink dispensers and coffee machines.

INSTALLATION

The cartridge must be mounted vertically.
Installation must be done in compliance with local regulations in law.
Use only in-out 3/8" female connections.

REPLACEMENT

Change cartridge after 12 months or when capacity is reached.



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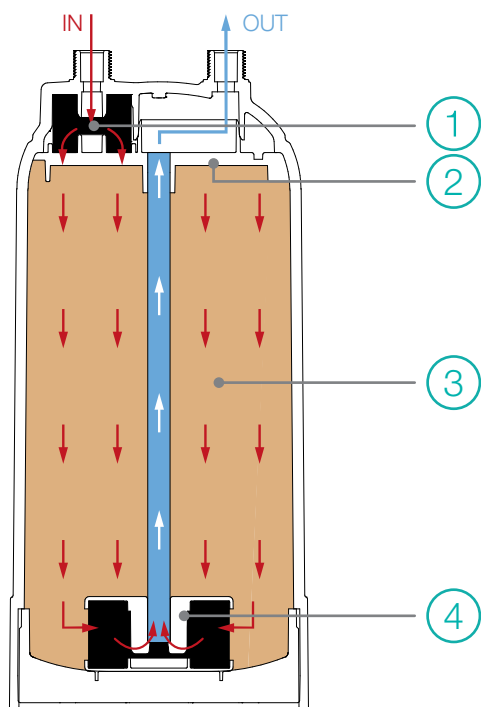


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TOP TECHNOLOGY IN 4 STAGES:

1. micrometric prefiltration
2. laminated upper distributor to optimize the inlet flow
3. bed of ion high efficiency exchange resins
4. bacteriostatic post-filtering step to eliminate odours and flavours and chlorine compounds and ensure action against bacterial growth

PARAMETERS		
MODELS	FLOW RATE	CAPACITY
BIG 2.0	2,3 l/min	2200 l*
BIG 3.0	3,5 l/min	3300 l*
BIG 4.5	5 l/min	4950 l*
BIG 6.0	6,5 l/min	6600 l*

Autonomy calculated on a water with a concentration of 60 mg NO₃
*Based on manufacturer's internal tests

During operation the actual capacity is higher than indicated. Capacity may vary considerably depending on particular conditions of use and has been calculated on the basis of relations between equipment and use applications. Due to external factors (such as variable water quality), data may vary from those indicated.

TECHNICAL SPECIFICATIONS	
Operating pressure	Min. 2 - Max. 6 bar (0.2 - 0.6 Mpa)
Temperature	Min. 4 - Max. 30°C (40 - 86 °F)
IN-OUT connections	3/8" male

COMPANY CERTIFICATIONS

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

CERTIFICATION PRODUCTS

Complies with **MOCA** 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® BIG filters, the environmental impact is close to 0. All Profine® filters are BPA free.

DISPOSE OF THE FILTER

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