

Profine® *ocra*

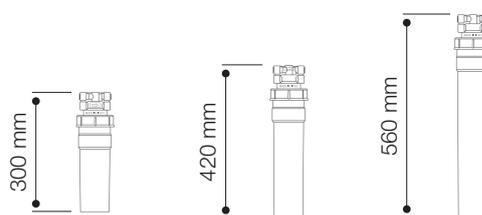
Total hardness reduction

Profine® **Ocra** is quick-connect cartridge with strong gel cation softening resin. Filter for softening drinking water, with fixed by-pass (approx. 25%), for beverage dispensers or similar equipment.

DIMENSIONS OF THE CARTRIDGE WITHOUT HEAD

MODELS			
CODE	MODELS	DIAMETER	HEIGHT (without head)
Y21415B	SMALL	87,4 mm	269 mm
Y21414B	MEDIUM	87,4 mm	384 mm
Y21413B	LARGE	87,4 mm	529 mm

DIMENSIONS OF THE CARTRIDGE WITH HEAD



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

TECHNICAL SPECIFICATIONS

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

* Calculated autonomies with an inlet water hardness of 10 ° dKH and a 25% by-pass. The exchange capacities may vary depending on the hardness of the incoming water and the flow rates.



MATERIALS

Cartridge: polypropylene;
Filtration: strong cationic monospheric gel resin for softening in.

GENERAL CHARACTERISTICS

Quick-connect disposable cartridge for softening (removal of total hardness) of water thanks to the presence of strong cationic gel resin, with a fixed residual set to approximately 25%. 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 sector and industrial water treatment. Sector of steam ovens, sector of coffee machines, sector of equipment for beverage preparation or similar.

INSTALLATION

Upright

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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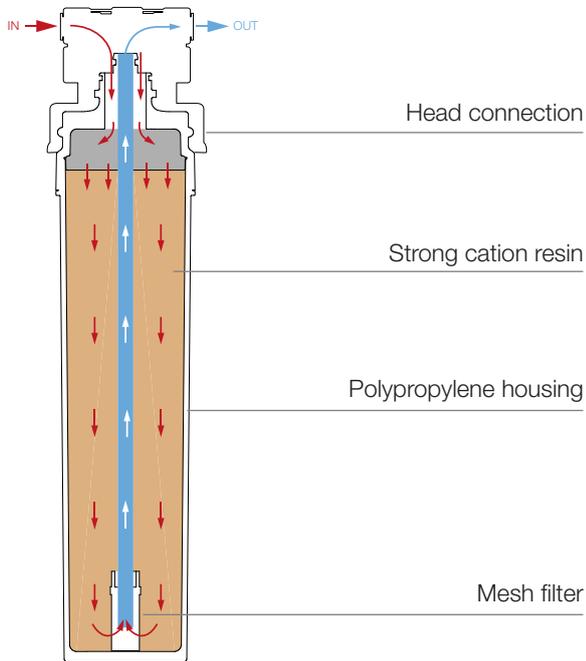
Total hardness reduction



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	THEORETICAL CAPACITY ACCORDING TO NOMINAL ION-EXCHANGE RESIN CAPACITY		
	SMALL	MEDIUM	LARGE
HARDNESS			
10	680 l*	1.100 l*	1.600 l*

* Calculated autonomies with an inlet water hardness of 10 ° dKH and a 25% by-pass. The exchange capacities may vary depending on the hardness of the incoming water and the flow rates.

PACKAGING			
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

Cardboard box 6 pieces

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** 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).