



# Kit Profine® gold

Domestic ultrafiltration kit with block of bacteria

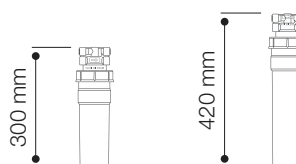
Kit Profine® **GOLD** removes bad odours and off-tastes, reduces chlorine, and has a filter rating of 0,1 micron.



## DIMENSIONS OF THE CARTRIDGE WITHOUT HEAD

MODEL KIT			
CODE	MODELS	DIAMETER	HEIGHT (without head)
Y21500B	KIT SMALL	87,4 mm	269 mm
Y21501B	KIT MEDIUM	87,4 mm	384 mm

## DIMENSIONS OF THE CARTRIDGE WITH HEAD



During the installation and replacement of the filter, take into account the space to be left in order to remove the cartridge.



### GENERAL CHARACTERISTICS

A cartridge with the highest level of filtration that includes and maximizes the advantages of the Profine® Carbon Block system added with silver that together with an ultrafiltration step that is able to block the 99,9999% passage of bacteria.

### USE

Composite cartridge suitable for treatment of drinking water in compliance with Directive 98/83/EC.

### INSTALLATION

The kit is equipped with everything you need for installation.

### 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

Compliant with **ICIM 0415CS** regulation. Products and components in contact with water intended for human consumption (including **Ministerial Decree 25/2012** and **Ministerial Decree 174/2004** as per Tifq Lab laboratory test)



# Kit Profine® gold

Domestic ultrafiltration kit with block of bacteria



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



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



TECHNICAL SPECIFICATIONS			
PARAMETER	SMALL	MEDIUM	LARGE
Maximum flow rate	7.000 l*	10.000 l*	15.000 l*
Functional flow rate	3 l/min*	5 l/min*	7 l/min*

\* Flow rates can vary, depending on the quality of the incoming water.

CHECKING PARAMETER CHANGE				
PARAMETER	EU DIRECTIVE 98/83	TESTING WATER QUALITY	TREATED WATER QUALITY	NOTE
microplastics		initial value (100%)	reduction 99,99%	
pH	≥ 6,5 e ≤ 9,5	≥ 8,2 e ≤ 8,3	≥ 8,1 e ≤ 8,4 mg/l	
total bacterial colonies 22°C e a 36°C		100 UFC/ml (22°C) 20 UFC/ml (36°C)	0 UFC/ml (22°C) 0 UFC/ml (36°C)	check after 60 days of non-use
chlorine	0,20 mg/l	1,00 mg/l	≥ 0,1 e ≤ 0,2 mg/l	85% reduction
conductivity	2500 µS/cm - 20°C	≥ 350 e ≤ 400 µS/cm	≥ 320 e ≤ 390 µS/cm	
Pseudomonas Aeruginosa	0 UFC/250 mL	10 UFC/250 mL	0 UFC/250 mL	

## KIT'S CONTENT

- Profine® Gold Filter
- Head
- Support bracket
- Profine® Tap with Led

ATTENTION: this equipment needs regular maintenance in order to guarantee the requirements of drinking water and the maintenance of improvements as stated by the manufacturer.

## INACTIVITY

Short periods of inactivity: flushing of the cartridge is necessary; in case of prolonged disuse, it is possible to disinfect the system.

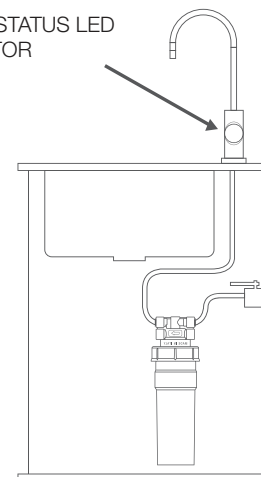
## ENVIRONMENT

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).

FILTER STATUS LED INDICATOR





# Profine® gold



drinking water

## ULTRAFILTRATION FOR DRINKING WATER

Profine® **Gold** removes bad odours and off-tastes, reduces chlorine, and has a filter rating of 0,1 micron. A cartridge with the highest level of filtration that includes and maximizes the advantages of the Profine® Carbon Block system with silver that together with an ultrafiltration step that is able to block the 99,9999% passage of bacteria.



MODELS	
CODE	MODELS
Y21406B-AXM	SMALL
Y21405B-AXK	MEDIUM
Y21404B-AXH	LARGE

DIMENSIONS			
MODELS	DIAMETER	HEIGHT (without head)	HEIGHT (with head)
SMALL	87,4 mm	270 mm	302 mm
MEDIUM	87,4 mm	385 mm	417 mm
LARGE	87,4 mm	530 mm	562 mm

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



TECHNICAL SPECIFICATIONS	
MODELS	FLOW RATE
SMALL	3 l/min*
MEDIUM	5 l/min*
LARGE	7 l/min*

\* Capacities may vary based on incoming water and flow rates.

## MATERIALS

Cartridge: polypropylene;

Filtration: technology with extruded "Profine® Carbon Block" activated carbon with silver ions and hollow fiber ultra filtration 0.1 micron final phase.

## GENERAL CHARACTERISTICS

Quick-connect disposable cartridge filtration by "Profine® Carbon Block" with silver ions technology and with hollow fiber 0.1 micron ultrafiltration final phase. Activated carbon filter for dechlorination and clarifying drinking water. The filtration reduces chlorine content, organic compounds, odors / off-tastes from the water. Thanks to the presence of silver ions, the antibacterial action downstream of the treatment system is guaranteed. Moreover, the ultrafiltration blocks the passage of most of 99.9999% of bacteria and viruses. Profine® Gold has been certified by TIFQ LAB, and complies with the high quality standards required by Italian law with regard to the treatment plants of drinking water. Lab tests were conducted by simulating domestic use, also referring to long periods of inactivity of the system. For this information, you can consult the report of the reference laboratory, which presents the data quality that make the GOLD cartridge become certified.

## USE

Filtration for household systems for treatment of drinking water.

## INSTALLATION

Upright or horizontal, as preferred with the help of support clip. Bayonet fitting for Profine® heads. Before removing the cartridge, close the inlet water valve and remove the pressure in the circuit by opening the downstream tap. Turn the empty cartridge by 90 ° clockwise, then remove the cartridge from the head. Insert the new cartridge, after removing the protective cap, and turn it 90° anticlockwise. Open the inlet valve and supply water for at least 5 minutes to activate the new cartridge. After brief periods of inactivity, supply water before drinking it. In the event of prolonged disuse, disinfect the system.

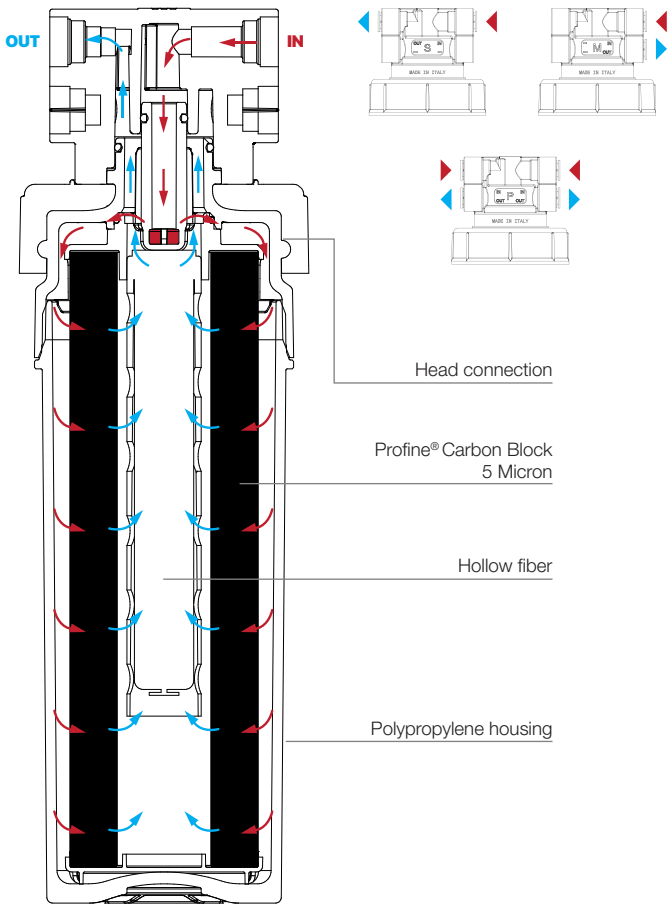


# Profine® gold



drinking water

ULTRAFILTRATION FOR DRINKING WATER



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		
SMALL	MEDIUM	LARGE
7.000 l*	10.000 l*	15.000 l*

\* Capacities may vary based on incoming water and flow rates.

CHECKING PARAMETER CHANGE				
PARAMETER	EU DIRECTIVE 98/83	TESTING WATER QUALITY	TREATED WATER QUALITY	NOTE
microplastics		initial value (100%)	reduction 99,99%	
pH	≥ 6,5 e ≤ 9,5	≥ 8,2 e ≤ 8,3	≥ 8,1 e ≤ 8,4 mg/l	
total bacterial colonies 22°C e a 36°C		100 UFC/ml (22°C) 20 UFC/ml (36°C)	0 UFC/ml (22°C) 0 UFC/ml (36°C)	check after 60 days of non-use
chlorine	0,20 mg/l	1,00 mg/l	≥ 0,1 e ≤ 0,2 mg/l	85% reduction
conductivity	2500 µS/cm - 20°C	≥ 350 e ≤ 400 µS/cm	≥ 320 e ≤ 390 µS/cm	
Pseudomonas Aeruginosa	0 UFC/250 mL	10 UFC/250 mL	0 UFC/250 mL	

PACKAGING (Cardboard box 6 pieces)			
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

## HEAD

Standard

## 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), ISO 14001:2015 (environmental) and MOCA.

## CERTIFICATION PRODUCTS

Compliant with **ICIM 0415CS** regulation. Products and components in contact with water intended for human consumption (including **Ministerial Decree 25/2012** and **Ministerial Decree 174/2004** as per Tifq Lab laboratory test).

## 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).



# Profine®



domestic

## silver

**BACTERIOSTATIC, DECHLORINATION AND PURIFICATION OF DRINKING WATER**

Profine® **Silver** removes bad odours and off-tastes, reduces chlorine, and has a filter rating of 0.5 microns. The cartridge is disposable and produced using Profine® Carbon Block technology enriched with silver to give a bacteriostatic feature.



MODELS	
CODE	MODELS
Y21436B-AZ9	MINI
Y21403B-AX1	SMALL
Y21402B-AWU	MEDIUM
Y21401B-AWS	LARGE

DIMENSIONS			
MODELS	DIAMETER	HEIGHT (without head)	HEIGHT (with head)
MINI	87,4 mm	215 mm	245 mm
SMALL	87,4 mm	270 mm	302 mm
MEDIUM	87,4 mm	385 mm	417 mm
LARGE	87,4 mm	530 mm	562 mm

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

TECHNICAL SPECIFICATIONS	
MODELS	FLOW RATE
MINI	2.2 l/min*
SMALL	3 l/min*
MEDIUM	5 l/min*
LARGE	7 l/min*

\* Capacities may vary based on incoming water and flow rates.



### MATERIALS

Cartridge: polypropylene;

Filtration: technology with extruded Profine® Carbon Block activated carbon with silver ions.

### GENERAL CHARACTERISTICS

Quick-connect disposable cartridge, with filtration by “Profine® Carbon Block” with silver ions technology; 0,5 micron filtration. Activated carbon filter for dechlorination and clarifying of drinking water. The filtration reduces chlorine content, organic compounds, odors/off-tastes from water. Thanks to the presence of silver ions, the antibacterial action downstream of the treatment system is guaranteed. Profine® Silver has been certified by TIFQ LAB, and complies with the high quality standards required by Italian law with regarding to the treatment systems of drinking water. Lab tests were conducted by simulating domestic use, also referring to long periods of inactivity of the system. For this information, you can consult the report of the reference laboratory, which presents the quality data that make SILVER cartridge become certified.

### USE

Filtration for household systems for treatment of drinking water.

### INSTALLATION

Upright or horizontal, as preferred with the help of support clip. Bayonet fitting for Profine® heads. Before removing the cartridge, close the inlet water valve and remove the pressure in the circuit by opening the downstream tap. Turn the empty cartridge by 90° clockwise, then remove the cartridge from the head. Insert the new cartridge, after removing the protective cap, and turn it 90° anticlockwise. Open the inlet valve and supply water for at least 5 minutes to activate the new cartridge. After brief periods of inactivity, supply water before drinking it. In the case of prolonged disuse, disinfect the system.

### HEAD

Standard.



# Profine®

## silver



domestic

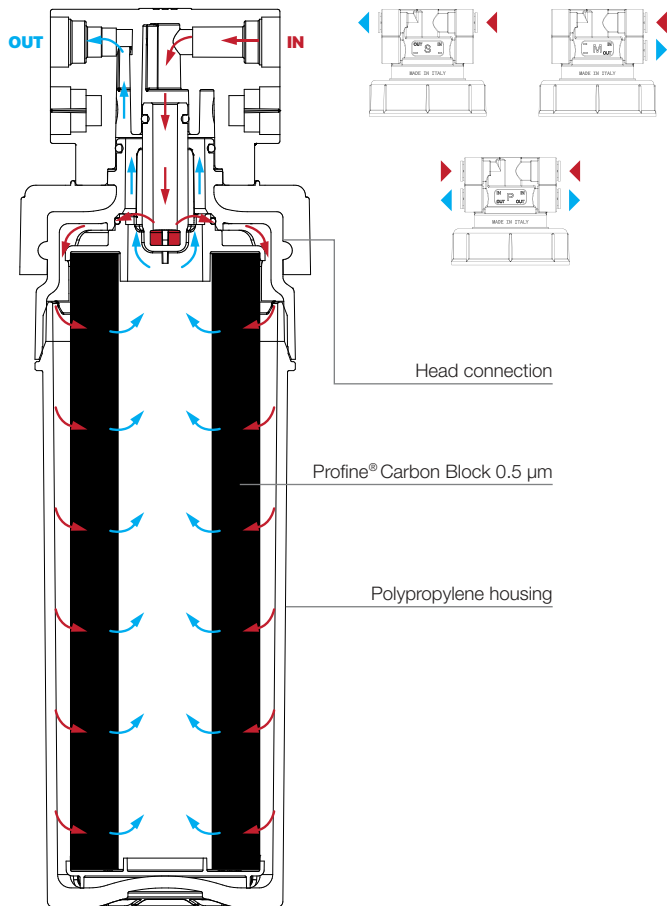
**BACTERIOSTATIC, DECHLORINATION  
AND PURIFICATION OF DRINKING WATER**



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



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



CAPACITY			
MINI	SMALL	MEDIUM	LARGE
7.000 l*	15.000 l*	24.000 l*	45.000 l*

\* Capacities may vary based on incoming water and flow rates.

CHECKING PARAMETER CHANGE				
PARAMETER	EU DIRECTIVE 98/83	TESTING WATER QUALITY	TREATED WATER QUALITY	NOTE
microplastics		initial value (100%)	reduction 85-90%	
pH	≥ 6,5 e ≤ 9,5	≥ 8,2 e ≤ 8,3	≥ 8,1 e ≤ 8,4 mg/l	
total bacterial colonies 22°C e a 36°C		100 UFC/ml (22°C) 20 UFC/ml (36°C)	100 UFC/ml (22°C) 20 UFC/ml (36°C)	check after 60 days of non-use
chlorine	0,20 mg/l	1,00 mg/l	≥ 0,1 e ≤ 0,2 mg/l	85% reduction
conductivity	2500 µS/cm - 20°C	≥ 350 e ≤ 400 µS/cm	≥ 320 e ≤ 390 µS/cm	

PACKAGING (cardboards box 6 pieces)			
MODELS	WIDTH	DEPTH	HEIGHT
MINI	28 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), ISO 14001:2015 (environmental) and MOCA.

### CERTIFICATION PRODUCTS

Compliant with **ICIM 0415CS** regulation. Products and components in contact with water intended for human consumption (including **Ministerial Decree 25/2012** and **Ministerial Decree 174/2004** as per Tifq Lab laboratory test), **KIWA KUKreg4** and **WRAS**.

### 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).



# Profine®



domestic



professional

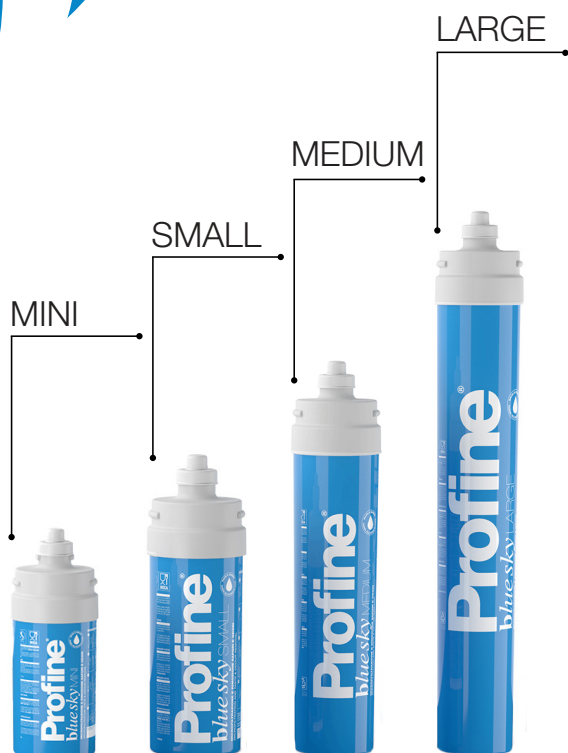


coffee

## blue sky

**DECHLORINATION AND PURIFICATION OF DRINKING WATER**

Profine® **Blue Sky** removes the turbidity present in the water, chlorine, tastes and smells. Its nominal filtration degree is 0.5 microns. It is a quick attack cartridge made with the technology Extruded Profine® Carbon Block.



MODELS	
CODE	MODELS
Y214103B	MINI
Y214100B	SMALL
Y214101B	MEDIUM
Y214102B	LARGE

DIMENSIONS			
MODELS	DIAMETER	HEIGHT (without head)	HEIGHT (with head)
MINI	874 mm	215 mm	245 mm
SMALL	87,4 mm	270 mm	302 mm
MEDIUM	87,4 mm	385 mm	417 mm
LARGE	87,4 mm	530 mm	562 mm

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

TECHNICAL SPECIFICATIONS	
MODELS	FLOW RATE
MINI	2.2 l/min*
SMALL	3 l/min*
MEDIUM	5 l/min*
LARGE	7 l/min*

\* Capacities may vary based on incoming water and flow rates.



### MATERIALS

Cartridge: polypropylene;  
Filtration: activated carbon technology: extruded Profine® Carbon Block.

### GENERAL CHARACTERISTICS

Quick-connect disposable cartridge with Profine® Carbon Block technology filtration; filtration of 0,5 microns. Activated carbon filter for dechlorination and clarification of drinking water, according to EU Directive 98/83/EC. The filtration reduces chlorine content, organic compounds, odours/off-tastes from water. If used in equipment for drinking water treatment, the equipment must comply with the standards of law for this category of treatment systems.

### USE

Pre-filtration for reverse osmosis or similar equipments. Its use is not allowed if the water quality is not known by analysis or microbiologically not controlled; its use is allowed if the water is declared drinkable.

### INSTALLATION

Upright or horizontal, as preferred. Bayonet fitting for Profine® heads.

### HEAD

Standard

### 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.



# Profine®



domestic



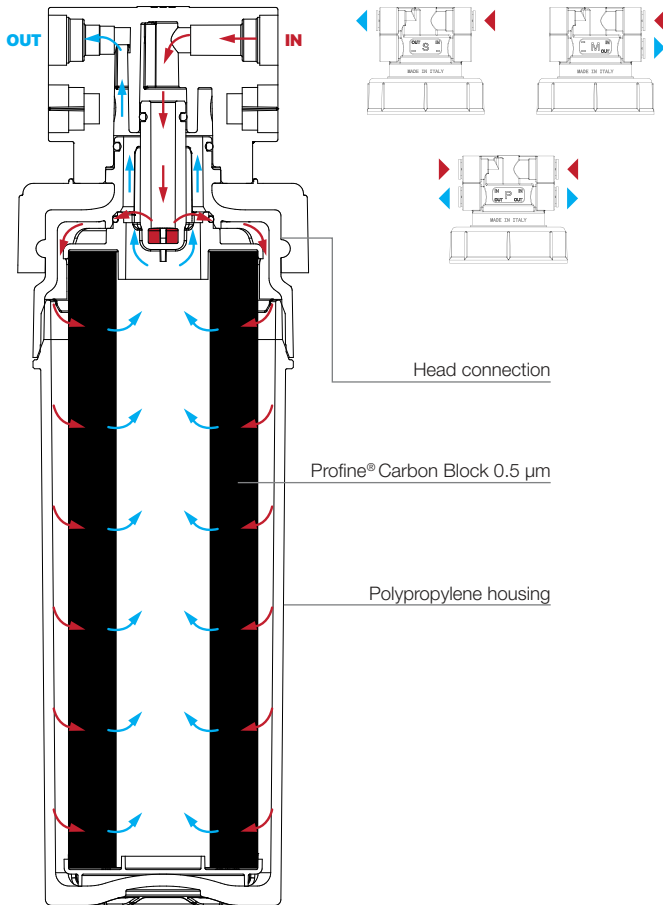
professional



coffee

## blue sky

**DECHLORINATION AND PURIFICATION OF DRINKING WATER**



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



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

### CAPACITY

MINI	SMALL	MEDIUM	LARGE
7.000 l*	15.000 l*	24.000 l*	45.000 l*

\* Capacities may vary based on incoming water and flow rates.

### CHECKING PARAMETER CHANGE

PARAMETER	EU DIRECTIVE 98/83	TESTING WATER QUALITY	TREATED WATER QUALITY	NOTE
microplastics		initial value (100%)	reduction 85-90%	
pH	≥ 6,5 e ≤ 9,5	≥ 8,2 e ≤ 8,3	≥ 8,1 e ≤ 8,4 mg/l	
total bacterial colonies 22°C e a 36°C		100 UFC/ml (22°C) 20 UFC/ml (36°C)	100 UFC/ml (22°C) 20 UFC/ml (36°C)	check after 60 days of non-use
chlorine	0,20 mg/l	1,00 mg/l	≥ 0,1 e ≤ 0,2 mg/l	85% reduction
conductivity	2500 µS/cm - 20°C	≥ 350 e ≤ 400 µS/cm	≥ 320 e ≤ 390 µS/cm	

### PACKAGING (cardboards box 6 pieces)

MODELS	WIDTH	DEPTH	HEIGHT
MINI	28 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), ISO 14001:2015 (environmental) and MOCA.

## CERTIFICATION PRODUCTS

Compliant with **ICIM 0415CS** regulation. Products and components used in contact with water intended for human consumption and **ACS**.

## 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).





# Profine® blue



domestic



professional



coffee

## DECHLORINATION AND PURIFICATION OF DRINKING WATER

Profine® **Blue** removes bad taste and odour, reduces turbidity, chlorine, dirt and particles it has a 5 µm nominal filtration. It is a cartridge with an activated Profine® Carbon Block technology in compliance with the Italian Ministerial Decree DM/25/2012.



MODELS	
CODE	MODELS
Y21409B-AXW	SMALL
Y21408B-AXT	MEDIUM
Y21407B-AXQ	LARGE

DIMENSIONI			
MODELS	DIAMETER	HEIGHT (without head)	HEIGHT (with head)
SMALL	87,4 mm	270 mm	302 mm
MEDIUM	87,4 mm	385 mm	417 mm
LARGE	87,4 mm	530 mm	562 mm

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

TECHNICAL SPECIFICATIONS	
MODELS	FLOW RATE
SMALL	3 l/min*
MEDIUM	5 l/min*
LARGE	7 l/min*

\* Capacities may vary based on incoming water and flow rates.



### MATERIALS

Cartridge: polypropylene;  
Filtration: activated carbon technology: extruded Profine® Carbon Block.

### GENERAL CHARACTERISTICS

Quick-connect disposable cartridge with Profine® Carbon Block technology filtration; filtration of 5 microns. Activated carbon filter for dechlorination and clarification of drinking water, according to EU Directive 98/83/EC. The filtration reduces chlorine content, organic compounds, odours/off-tastes from water. If used in equipment for drinking water treatment, the equipment must comply with the standards of law for this category of treatment systems.

### USE

Pre-filtration for reverse osmosis or similar equipments. Its use is not allowed if the water quality is not known by analysis or microbiologically not controlled; its use is allowed if the water is declared drinkable.

### INSTALLATION

Upright or horizontal, as preferred. Bayonet fitting for Profine® heads.

### HEAD

Standard

### 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.



# Profine® blue



domestic



professional



coffee

**DECHLORINATION AND PURIFICATION  
OF DRINKING WATER**



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



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

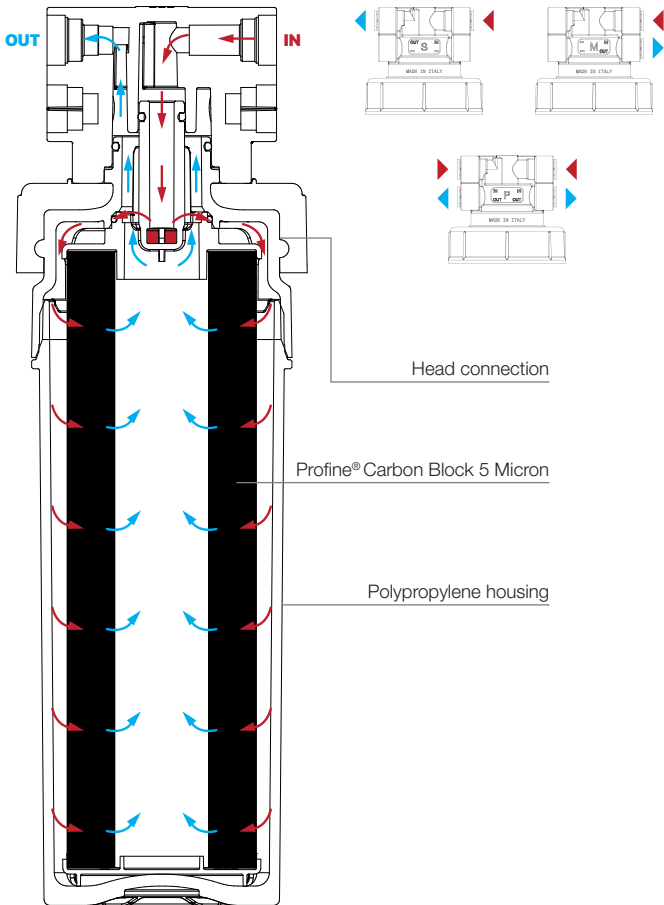
PARAMETERS		
SMALL	MEDIUM	LARGE
15.000 l*	24.000 l*	45.000 l*

\* Capacities may vary based on incoming water and flow rates.

CHECKING PARAMETER CHANGE				
PARAMETER	EU DIRECTIVE 98/83	TESTING WATER QUALITY	TREATED WATER QUALITY	NOTE
microplastics		initial value (100%)	reduction 60-65%	
pH	≥ 6,5 e ≤ 9,5	≥ 8,2 e ≤ 8,3	≥ 8,1 e ≤ 8,4 mg/l	
total bacterial colonies 22°C e a 36°C		100 UFC/ml (22°C) 20 UFC/ml (36°C)	100 UFC/ml (22°C) 20 UFC/ml (36°C)	check after 60 days of non-use
chlorine	0,20 mg/l	1,00 mg/l	≥ 0,1 e ≤ 0,2 mg/l	85% reduction
conductivity	2500 µS/cm - 20°C	≥ 350 e ≤ 400 µS/cm	≥ 320 e ≤ 390 µS/cm	

The treatment system verification was carried out by the TIFQLAB University of Calabria Sect. Food Process Engineering Laboratory.

PACKAGING (cardboard box 6 pieces)			
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



## COMPANY CERTIFICATIONS

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

## CERTIFICATION PRODUCTS

Compliant with **ICIM 0415CS** regulation. Products and components in contact with water intended for human consumption (including **Ministerial Decree 25/2012** as per Tifq Lab laboratory test), **ACS**, **KIWA KUKreg4** and **WRAS**.

## 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).

# Profine® red



domestic

**PREFILTRATION IN WATER  
TREATMENT SYSTEMS**

Profine® **Red** reduces turbidity as well as suspended particles with a filter rating of 5 microns. This is a quick-connect cartridge with extruded polypropylene. The cartridge is in compliance with EU Directive 93/83/EC for use in precessing system and/or household appliances.



MODELS	
CODE	MODELS
Y21412B-AYE	SMALL
Y21411B-AYC	MEDIUM
Y21410B-AYA	LARGE

DIMENSIONS			
MODELS	DIAMETER	HEIGHT (without head)	HEIGHT (with head)
SMALL	87,4 mm	270 mm	302 mm
MEDIUM	87,4 mm	385 mm	417 mm
LARGE	87,4 mm	530 mm	562 mm

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

TECHNICAL SPECIFICATIONS	
MODELS	FLOW RATE
SMALL	3 l/min*
MEDIUM	5 l/min*
LARGE	7 l/min*

\* Capacities may vary based on incoming water and flow rates.

## MATERIALS

Cartridge: polypropylene;

Filtration: extruded polypropylene made with "MELT BLOWN" technology: polypropylene microfibers heat-sealed without lubricants or anti-static additives; no migration of microfibers in water, large compatibility to the most common chemical solutions; multilayer structure with high water retention capacity and filtration efficiency; high retention capacity extends life of the cartridge.

## GENERAL CHARACTERISTICS

Quick-connect disposable cartridge, filtration by "MELT BLOWN" extruded polypropylene, 5 microns filtration. Cartridge for sediment removal and for the drinking water clarification, thanks to the removal of turbidity and suspended particulate. If used in equipment for drinking water treatment, the equipment must comply with the standards of law for this category of treatment systems.

## USE

Pre-filtration systems for drinking water treatment; pre-filtration for water treatment technical systems; its use is not allowed if the water quality is not known by analysis or microbiologically not controlled; its use is allowed if the water is declared drinkable.

## INSTALLATION

Upright or horizontal, as preferred. Bayonet fitting for Profine® heads.

## HEAD

Standard

# Profine® red



domestic

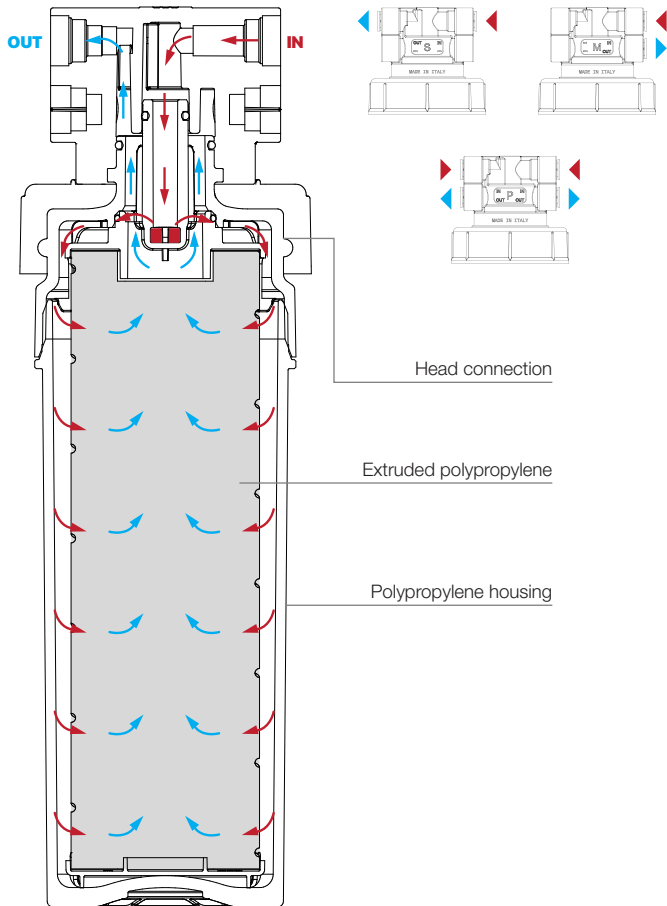
**PREFILTRATION IN WATER  
TREATMENT SYSTEMS**



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		
SMALL	MEDIUM	LARGE
until clogging max $\Delta p$ 2,5 bar (Depending on the quality of the incoming water).	until clogging max $\Delta p$ 2,5 bar (Depending on the quality of the incoming water).	until clogging max $\Delta p$ 2,5 bar (Depending on the quality of the incoming water).

\* Capacities may vary based on incoming water and flow rates.

PACKAGING (cardboard box 6 pieces)			
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

## 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)  
ISO 14001-2015 (environmental) and MOCA.

## 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).



# Profine® arsenic



household



coffee

**FILTER TO REMOVE  
ARSENIC**



Profine® Arsenic is a quick coupling disposable cartridge, suitable for the treatment of drinking water, which reduces the concentration of arsenic (type 3 and 5) when it exceeds the potability limits (10 µg/l).

## CONDITIONING

The process of activating the water filters includes a first 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

Drinking water treatment, drinking water treatment plants, in derogation for the Arsenic parameter. 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

Complies with the Italian regulation **DM 174/2004**.

## 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)**



Pressione operativa Min - Max  
**2 bar – 6 bar**  
**(0,2 – 0,6 MPa)**

## MODELS

CODE	MODEL	DIAMETER	HEIGHT	HEIGHT (with header)
Y21430B-AZ6	SMALL	87,4 mm	270 mm	30,2 cm
Y21429BF-AZ5	MEDIUM	87,4 mm	385 mm	41,7 cm
Y21428B-AZ3	LARGE	87,4 mm	530 mm	56,2 cm
PBBRP200-B3W	BIG 2.0	135 mm	308 mm	--
PBBRP300-B3X	BIG 3.0	135 mm	385 mm	--
PBBRP450-B3Y	BIG 4.5	173 mm	395 mm	--
PBBRP600-B3Z	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	10.000 l*
MEDIUM	1,5 l/min	15.000 l*
LARGE	2 l/min	20.000 l*
BIG 2.0	2 l/min	22.000 l*
BIG 3.0	2 l/min	33.000 l*
BIG 4.5	2 l/min	49.500 l*
BIG 6.0	2 l/min	66.000 l*

\* Flow rates and autonomy calculated with concentrations of 50 µg/l of arsenic. Exchange capacities can vary depending on incoming water arsenic concentrations and flow rates.





# Profine<sup>®</sup> arsenic

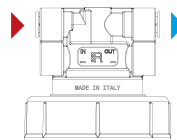
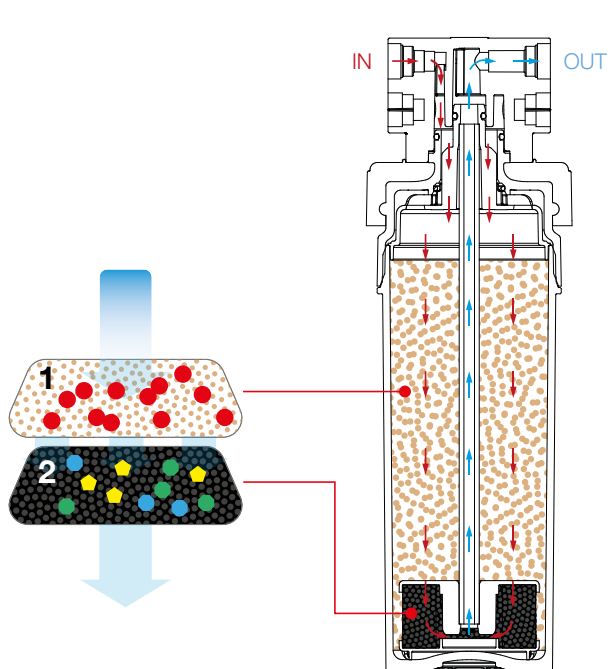


household



coffee

**FILTER TO REMOVE ARSENIC**

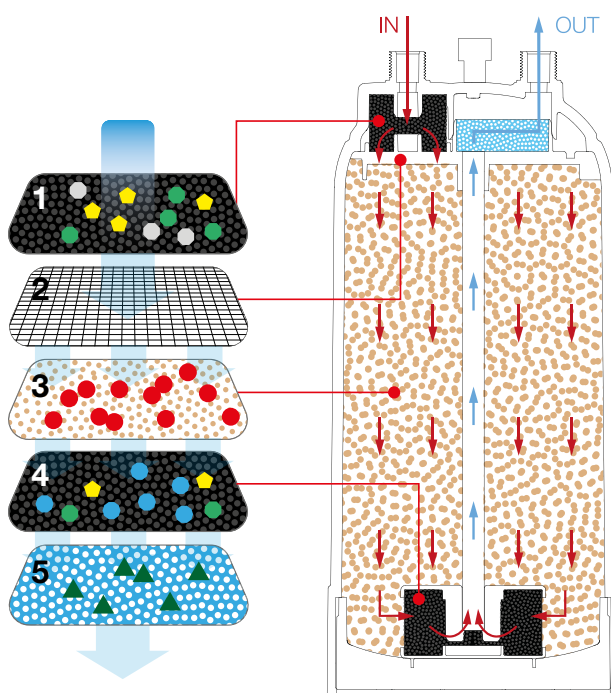


- Chlorine
- Fine particles >0.5 µm
- ⬠ Organic substances
- Arsenic

- 1 Resin**  
Selective resin for arsenic.
- 2 Micrometric post filtration**  
Profine<sup>®</sup> 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
- Arsenic
- Fine particles >0.5 µm
- ▲ Suspended matter

- 1 Micrometric pre-filtration**  
Profine<sup>®</sup> 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**  
Selective resin for arsenic.
- 4 Particulate filter**  
Separation of fine particles and organic matter.
- 5 Final filtration stage**  
Separation of suspended matter.



# Profine® nitrates



household



coffee

**FILTER TO REMOVE  
NITRATES**



Profine® Nitrates is a disposable cartridge for drinking water treatment with selective nitrate resin and a final filtration stage with Profine® Carbon Block 0.5 micron nominal. To be used at the point of use for waters with a concentration of nitrates up to 50 mg / l.

### 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

Complies with the Italian regulation **DM 174/2004**.

### 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)**



Pressione operativa Min - Max  
**2 bar – 6 bar**  
**(0,2 – 0,6 MPa)**

### MODELS

CODE	MODEL	DIAMETER	HEIGHT	HEIGHT (with header)
Y21443B-AZG	SMALL	87,4 mm	270 mm	30,2 cm
Y21439B-AZE	MEDIUM	87,4 mm	385 mm	41,7 cm
Y21438B-AZD	LARGE	87,4 mm	530 mm	56,2 cm
PBBNP200-B41	BIG 2.0	135 mm	308 mm	--
PBBNP300-B42	BIG 3.0	135 mm	385 mm	--
PBBNP450-B43	BIG 4.5	173 mm	395 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

\* Box of 6 pieces

### PARAMETERS

MODELS	FLOW RATE	CAPACITY*
SMALL	1 l/min	900 l
MEDIUM	1,5 l/min	1400 l
LARGE	2 l/min	2100 l
BIG 2.0	2 l/min	2200 l
BIG 3.0	2 l/min	3300 l
BIG 4.5	2 l/min	4950 l

\* The autonomy may vary according to the characteristics of the incoming water.





# Profine® nitrates

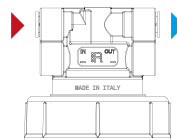
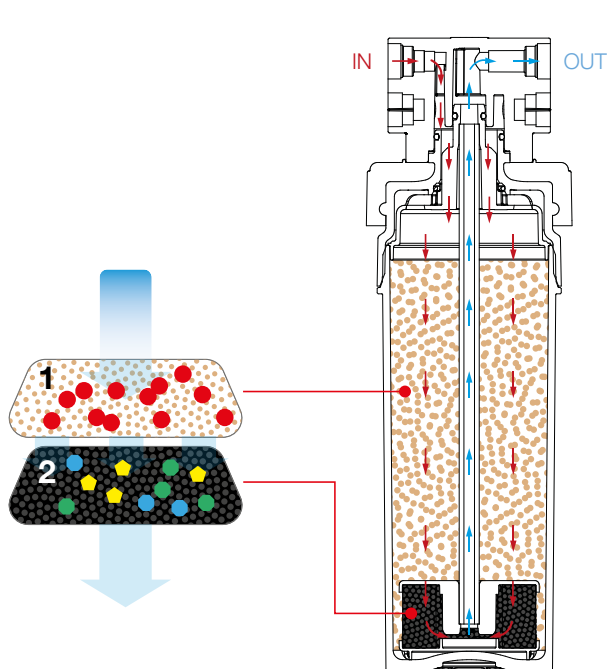


household



coffee

**FILTER TO REMOVE  
NITRATES**

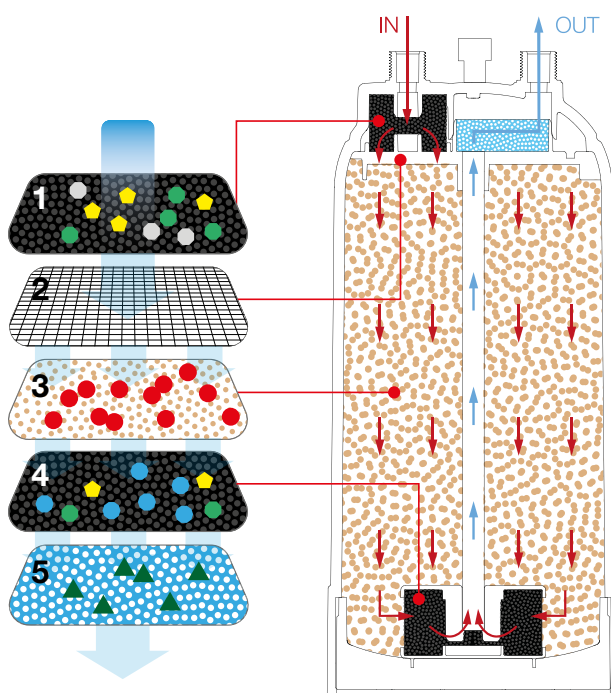


- Chlorine
- Fine particles >0.5 µm
- ⬠ Organic substances
- Nitrates

- 1 Resin**  
Selective resin for nitrates.
- 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
- Nitrates
- 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**  
Selective resin for nitrates.
- 4 Particulate filter**  
Separation of fine particles and organic matter.
- 5 Final filtration stage**  
Separation of suspended matter.





# Kit Profine® pfas

Domestic filtration kit that removes pfas

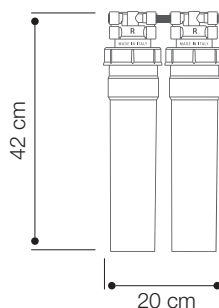
Kit Profine® **Pfas** removes Perfluoroalkyls (Pfas) and bad odours and off-tastes in drinking water.



## DIMENSIONS OF THE CARTRIDGE WITHOUT HEAD

MODEL KIT			
CODE	MODELS	DIAMETER	HEIGHT (without head)
Y21488B	KIT MEDIUM	200 mm	384 mm
CARTRIDGE REPLACEMENT MODELS			
CODE	MODELS	DIAMETER	HEIGHT (without head)
Y21486B	MEDIUM	874 mm	384 mm
Y21497B	LARGE	874 mm	529 mm

## DIMENSIONS OF THE CARTRIDGE WITH HEAD



The following dimensions refer to the Medium filter. When installing and replacing the filter, consider the space required to remove the cartridge.

### GENERAL CHARACTERISTICS

It is a disposable cartridge with Perfluorocarbons Pfas selective resin for the treatment of drinking water. The quick-connect Profine® filter has a final 0.5 nominal filtration stage nominal and Profine® Carbon Block technology with silver.

### USE

To be used at point of use, for drinking water with lesser than 500 µg/l Pfas concentration.

### INSTALLATION

The kit is equipped with everything you need for installation.

### 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.



# Kit Profine® pfas

Domestic filtration kit that removes pfas



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



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



TECHNICAL SPECIFICATIONS	
Capacity	11.000 L
Flow rate	2 L/min

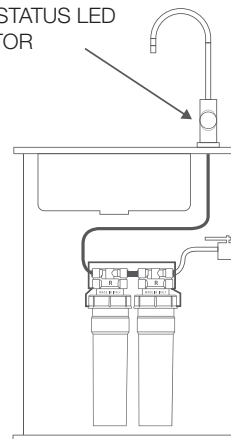
TECHNICAL SPECIFICATIONS			
PARAMETER	NORMATIVE REFERENCE D.LGS. 31/2001	NOT TREATED WATER	TREATED WATER
Pfas	-	250 ng/l	0,0 ng/l
Aluminium	≤ 0,20 mg/l	≥ 0,006/≤ 0,012 mg/l	≥ 0,004/≤ 0,002 mg/l
Ammonium (NH <sub>4</sub> )	0,50 mg/l	0,00 mg/l	0,0 mg/l
pH	≥ 6,5 e ≤ 9,5	≥ 8,2 e ≤ 8,3	≥ 8,1 / ≤ 8,4 mg/l
Iron	≤ 0,20 mg/l	≥ 0,15 / ≤ 0,17 mg/l	≥ 0,003/≤ 0,005 mg/l
Pseudomonas aeruginosa	0 UFC/250 ml	0 UFC/250 ml	0 UFC/250 ml
Sulphate	≤ 250 mg/l	≥ 29,1 e ≤ 30,5 mg/l	≥ 23,9 / ≤ 28,1 mg/l
Bacteria growth 22°C/37°C	0 UFC/250 ml	--	Without abnormal changes
Coliform bacteria 37°C	0 UFC/250 ml	0 UFC/250 ml	0 UFC/250 ml
Activated Chlorine	0,20 mg/l	≥ 0,09 / ≤ 0,12 mg/l	≥ 0,02 / ≤ 0,04 mg/l

## KIT'S CONTENT

- Profine® Pfas Medium (2 cartridges)
- Cartridges (2 pieces)
- Duplex support bracket
- Profine® Tap with Led

ATTENTION: this equipment needs regular maintenance in order to guarantee the requirements of drinking water and the maintenance of improvements as stated by the manufacturer.

FILTER STATUS LED INDICATOR



## 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).

# Profine®

## lilac



steam ovens



coffee

**TEMPORARY HIGH  
HARDNESS REDUCTION**



Profine® **Lilac** allows the reduction of temporary hardness in drinking water guaranteeing high autonomy. Multistage filter with Profine® Carbon Block silver-plated 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 you to:

- 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 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), **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)
Y21477B-B1D	SMALL	87,4 mm	270 mm	30,2 cm
Y21478B-B1E	MEDIUM	87,4 mm	385 mm	41,7 cm
Y21479B-B8P	LARGE	87,4 mm	530 mm	56,2 cm
PBBLP201-B3M	BIG 2.0	135 mm	308 mm	--
PBBLP301-B3N	BIG 3.0	135 mm	385 mm	--
PBBLP451-B3P	BIG 4.5	173 mm	395 mm	--
PBBLP601-B3Q	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	2,5 l/min	
BIG 3.0	3 l/min	
BIG 4.5	4 l/min	
BIG 6.0	5 l/min	



# Profine® lilac

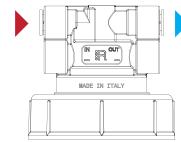
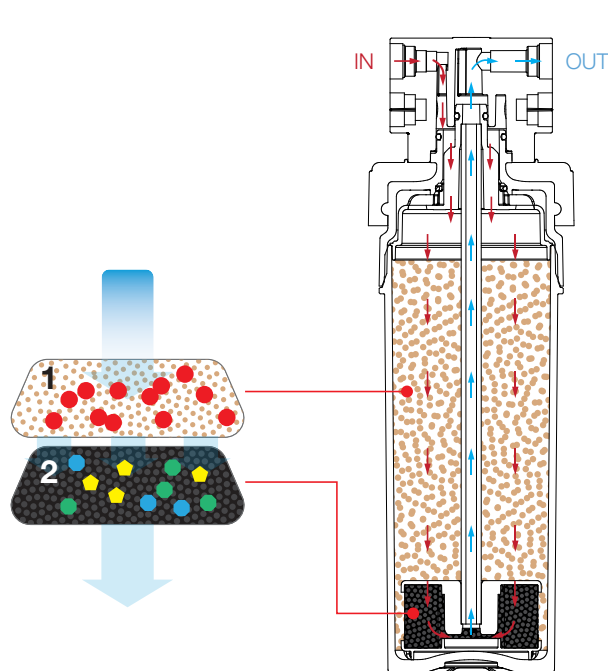


steam ovens



coffee

**TEMPORARY HIGH  
HARDNESS REDUCTION**

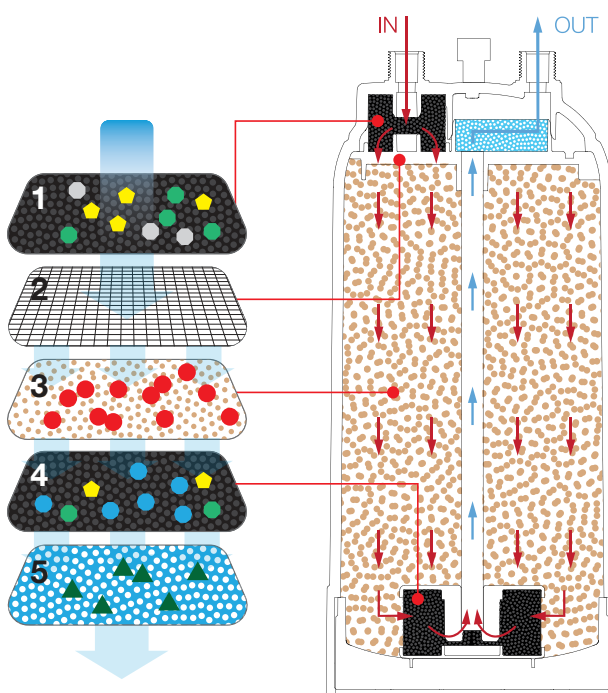


- Chlorine
- Fine particles >0.5 µm
- ⬠ Organic substances
- Carbonate hardness

- 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.



# 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	





# Profine® violet

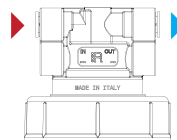
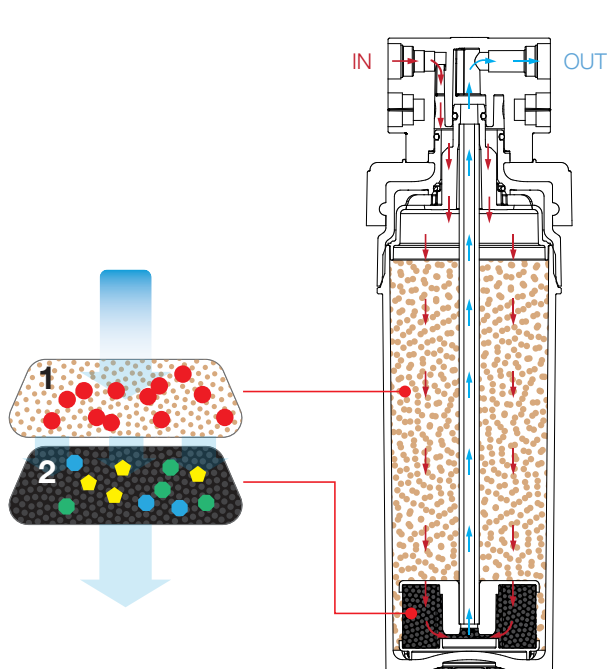


steam ovens



coffee

**TEMPORARY HARDNESS  
REDUCTION WITH STABLE PH**

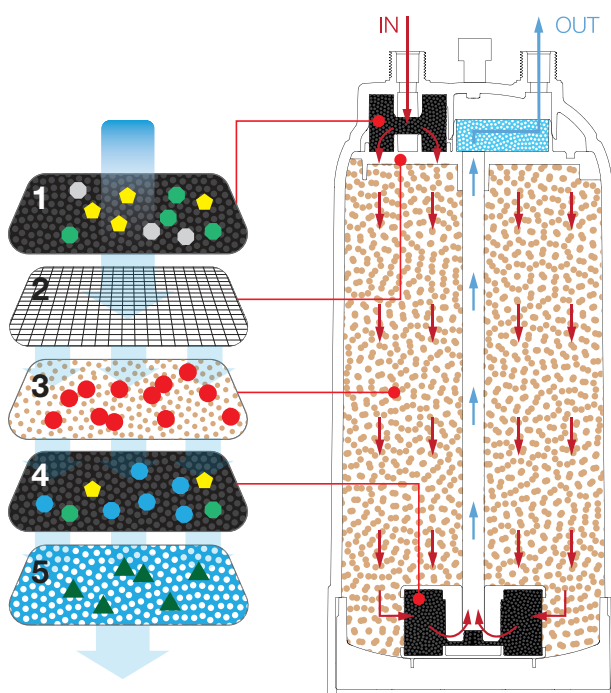


- Chlorine
- Fine particles >0.5 μm
- ▲ Organic substances
- Carbonate hardness

- 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.



# Profine®



steam ovens



coffee

## Ocra

**TOTAL HARDNESS REDUCTION**



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

### GENERAL CHARACTERISTICS

Disposable filter for the removal of total water hardness and 5 µm filtration stage using Profine® Carbon Block technology with silver ion additives. 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 ovens and/or combi ovens. The filter must only be supplied with cold drinking water.

### INSTALLATION

Vertical installation is recommended.

### HEADER FOR SMALL MEDIUM E 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 regulation **ICIM 0445CS** Products and components used in contact with foodstuffs according to MOCA regulations (including CE 1935/2004 as per Tifq Lab tests), **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)
Y21415B-AYN	SMALL	87,4 mm	270 mm	30,2 cm
Y21414B-AYK	MEDIUM	87,4 mm	385 mm	41,7 cm
Y21413B-AYG	LARGE	87,4 mm	530 mm	56,2 cm
PBBC0201-B3D	BIG 2.0	135 mm	308 mm	--
PBBC0301-B3F	BIG 3.0	135 mm	385 mm	--
PBBC0451-B3H	BIG 4.5	173 mm	395 mm	--
PBBC0601-BBA	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	1,5 l/min	To find out the autonomy download the Profine® Remove App
MEDIUM	2 l/min*	
LARGE	2,5 l/min*	
BIG 2.0	3 l/min	 for iOS and Android 
BIG 3.0	4,5 l/min	
BIG 4.5	6,5 l/min	
BIG 6.0	9 l/min	





# Profine®



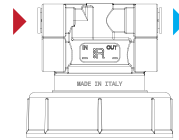
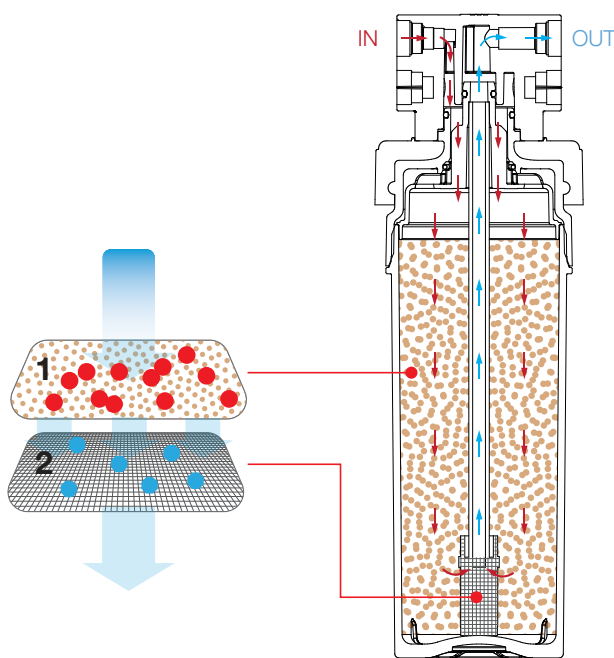
steam ovens



coffee

## Ocra

TOTAL HARDNESS REDUCTION

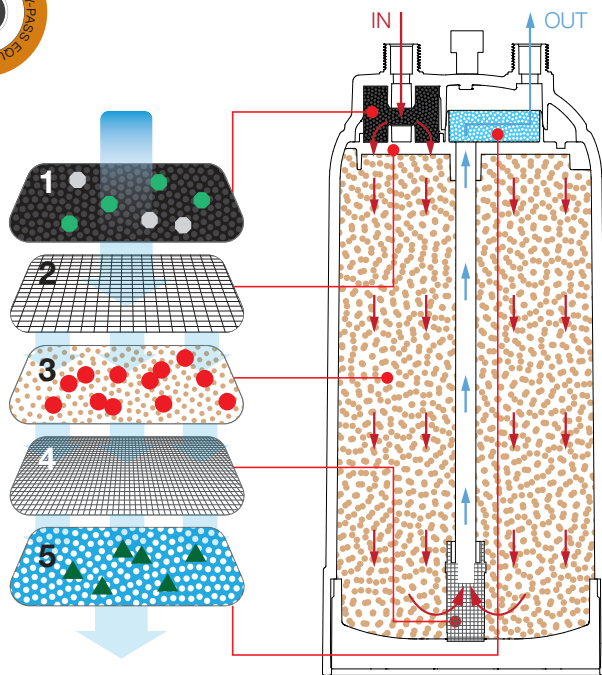


- Fine particles >0.5 µm
- Carbonate hardness

- 1 Resin**  
Highly efficient ion exchange resin.
- 2 Micrometric post filtration**  
Separation of fine particles.

### CARTRIDGE FILTER

### BIG FILTER



- Chlorine    ● Particles > 5 µm
- Carbonate hardness
- ▲ 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 Micrometric post filtration**  
Separation of fine particles.
- 5 Final filtration stage**  
Separation of suspended matter.





# 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



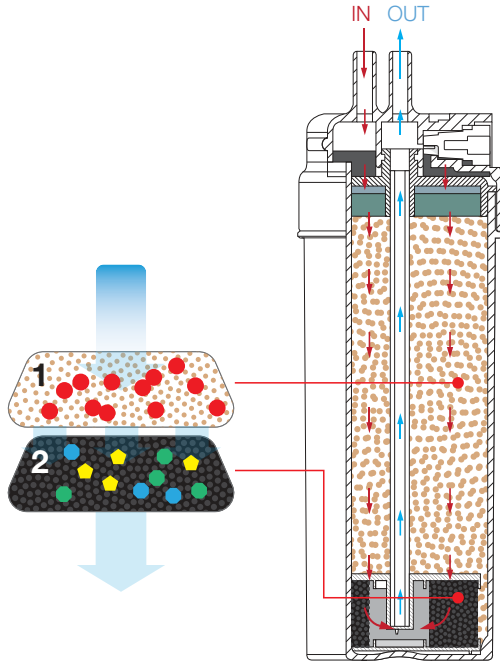


# Profine® *brown*



Vending

**TEMPORARY HIGH  
HARDNESS REDUCTION**

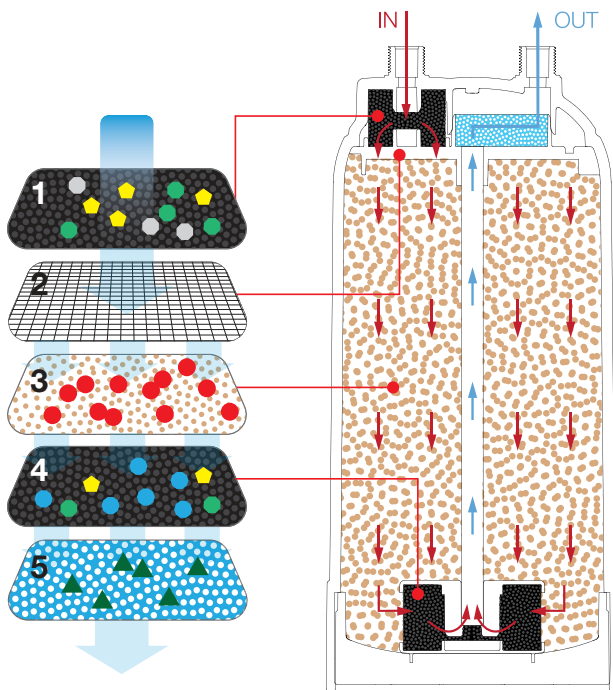


- Chlorine
- Fine particles >0.5 µm
- ⬠ Organic substances
- Carbonate hardness

- 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.

# Profine®

## cream



Vending

**TEMPORARY HARDNESS  
REDUCTION WITH STABLE PH**



Profine® **Cream** allows the reduction of the temporary hardness of drinking water while keeping the pH stable. Multistage filter with final silvered Profine® Carbon Block.

### GENERAL CHARACTERISTICS

Disposable filter for the removal of temporary water hardness and 0.5 µm filtration stage obtained with Profine® Carbon Block technology with additive with silver ions. The filter refines the quality of the water allowing you to:

- remove the hardness derived from the carbonates that generates the encrustations;
- enhance the flavor of the coffee and obtain a cream with an ideal color and consistency;
- The water pH remains stable.

### CONDITIONING

The process of activating the water filters involves a first phase activation call conditioning.

Conditioning is the initial rinsing process of the filter necessary to bring it into the ideal conditions for operation. This initial rinse guarantees total cleaning of all filter media present inside and of the circuit itself.

### USE

Professional and industrial sector of water treatment.

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

### INSTALLATION

We recommend vertically.

### INTEGRATED HEAD

The filters are equipped with an integrated head so they can be installed directly without any additional accessory.

### REPLACEMENT

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

### COMPANY CERTIFICATIONS

Produced in Italy by think: water, a company certified ISO 9001: 2015 (quality), ISO 14001: 2015 (environment) and in compliance with MOCA.

### PRODUCTS CERTIFICATIONS

Complies with ICIM 0445CS regulation Products and components used in contact with food according to MOCA provisions (including CE 1935/2004 as per Tifq Lab laboratory test).

### INACTIVITY

Short periods of inactivity: cartridge flushing required; in case of prolonged inactivity, 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.

### DISPOSAL

Dispose of the used cartridge according to 2014/955 / EU Decision (EWC 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
Y21448B-AZM	SMALL	87,4 mm	258,5 mm
Y21449B-AZN	MEDIUM	87,4 mm	373,5 mm
Y21450B-AZP	LARGE	87,4 mm	518,5 mm
Y21804B-B2Z	BIG 2.0	135 mm	308 mm
Y21805B-B31	BIG 3.0	135 mm	385 mm
Y21806B-B32	BIG 4.5	173 mm	395 mm
Y21807B-B33	BIG 6.0	173 mm	464 mm

### PACKAGING

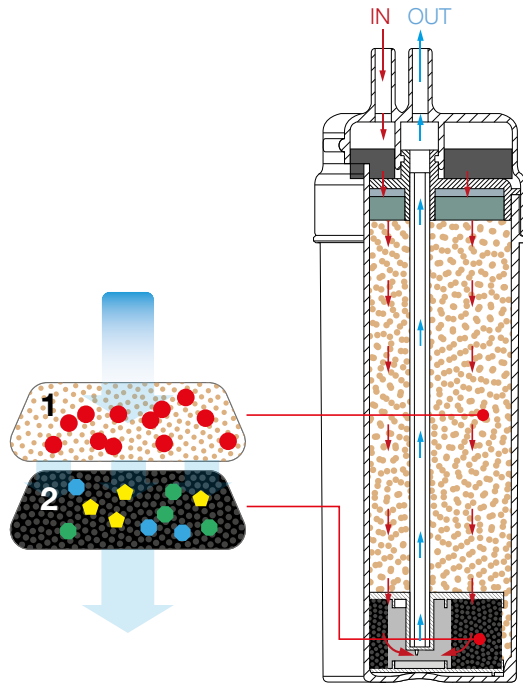
PRODUCT	WIDTH	DEPTH	HEIGHT
SMALL*	28,5 cm	19,0 cm	28,5 cm
MEDIUM*	28,5 cm	19,0 cm	40,0 cm
LARGE*	28,5 cm	19,0 cm	54,0 cm
BIG 2.0	14 cm	14 cm	33 cm
BIG 3.0	140 cm	14 cm	40,7 cm
BIG 4.5	18 cm	17,7 cm	41,5 cm
BIG 6.0	18 cm	17,5 cm	48 cm

\* Scatola da 6 pezzi

### PARAMETERS

MODEL	FLOW RATE	CAPACITY
SMALL	0,7 l/min	700 l/min
MEDIUM	1,2 l/min	1100 l/min
LARGE	1,5 l/min	1600 l/min
BIG 2.0	2 l/min	2000 l/min
BIG 3.0	2,5 l/min	3000 l/min
BIG 4.5	3,5 l/min	4500 l/min
BIG 6.0	4,5 l/min	6000 l/min



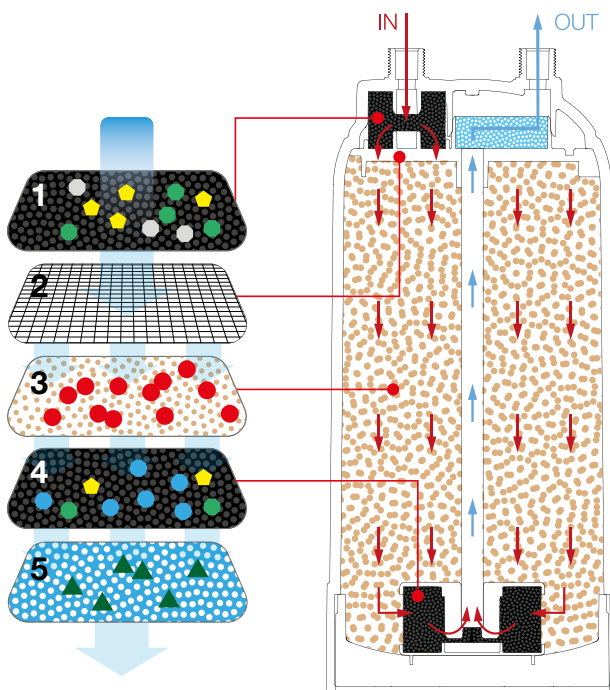


- Chlorine
- Fine particles >0,5 µm
- Carbonate hardness
- ◆ Organic substances

- 1 Resin**  
High efficiency ion exchange resin.
- 2 Micrometric postfiltration**  
Profine® Silver Carbon Block 0.5 µm technology. Removes unwanted chlorine, particles, tastes and odors and organic substances.

## CARTRIDGE FILTER

### FILTER BIG



- Chlorine
- Carbonate hardness
- Fine particles >0,5 µm
- Particles > 5 µm
- ◆ Organic substances
- ▲ Suspended matter

- 1 Micrometric postfiltration**  
Profine® Silver Carbon Block 0.5 µm technology. Removes unwanted chlorine, particles, tastes and odors and organic substances.
- 2 Upper lamellar distributor**  
Distributes the water avoiding the creation of preferential channels.
- 3 Resin**  
High efficiency ion exchange resin.
- 4 Particulate filter**  
Separation of fine particles and organic substances.
- 5 Final filtration stage**  
Separation of suspended matter.



# Profine® ice



**FOR PRODUCTION OF BRIGHT ICE  
WITH BACTERIOSTATIC DECHLORATIVE ACTION**



Profine® **Ice** refines the drinking water by neutralizing the action of limestone, allowing the formation of a transparent and bright ice that, once immersed in the drinks, it becomes weightless, incorporeal and evanescent. At the same time it guarantees operational efficiency and extends the life of the equipment.

MODELS	
CODE	MODELS
Y21463B-AZX	MINI
Y21464B-AZY	SMALL
Y21465B-B11	MEDIUM
Y21466B-B13	LARGE

DIMENSIONS			
MODELS	DIAMETER	HEIGHT (without head)	HEIGHT (with head)
MINI	87,4 mm	215 mm	245 mm
SMALL	87,4 mm	270 mm	302 mm
MEDIUM	87,4 mm	385 mm	417 mm
LARGE	87,4 mm	530 mm	562 mm

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

TECHNICAL SPECIFICATIONS	
MODELS	FLOW RATE
MINI	0,6 l/min*
SMALL	1,2 l/min*
MEDIUM	2,4 l/min*
LARGE	3,5 l/min*

\* Capacities may vary based on incoming water and flow rates.



## MATERIALS

Technopolymer cartridge according to the provisions of the DM25/12 concerning the DM174/2004 and Legislative Decree 31/2001.

## GENERAL CHARACTERISTICS

Activated carbon cartridge for dechlorination and complexing clarification of drinking water. Quick-connect disposable cartridge, with filtration by "Profine® Carbon Block" with silver ions technology; 0,5 micron filtration. Profine® Ice removes turbidity above 0.5 µm, reducing chlorocompounds, flavors and odors; with a complexing action that prevents the precipitation of alkaline ions such as calcareous ones in drinking water. The presence of silver ions guarantee the bacteriostatic action.

## USE

Stage of refining of drinking water for ice production.

## INSTALLATION

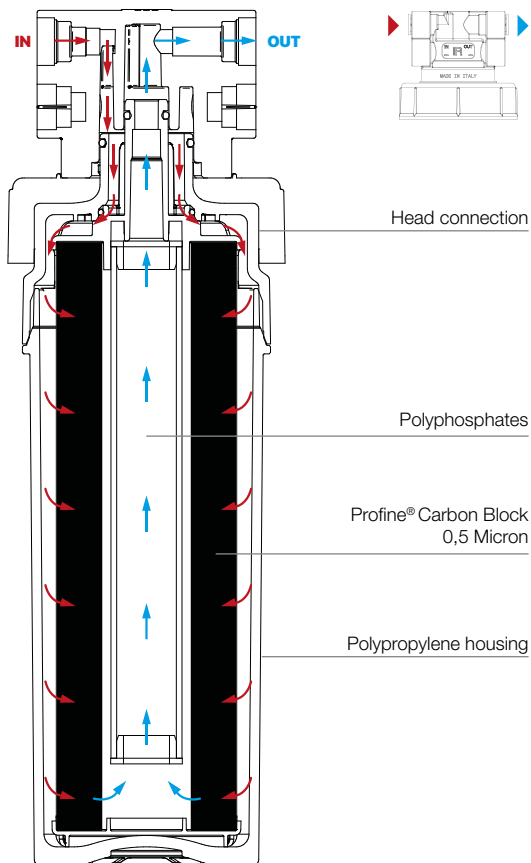
Vertical position.

## HEAD

**"R" head** with flow regulator.  
The head must be dimensioned according to the size of the cartridge.

## CAPACITY

We recommend replacing the cartridge at the end of its nominal life, or if the outflow is too slow. However, the cartridge must be replaced within 365 days of its installation.



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			
MINI	SMALL	MEDIUM	LARGE
6.000 l*	10.000 l*	22.000 l*	30.000 l*

Production may vary depending on the quality of the incoming water. With reference to the lifetime of the Profine® ICE Large cartridge, internal tests have shown a range of 45000 l.

CHECKING PARAMETER CHANGE FOR ICE SMALL				
PARAMETER	REF. REGULATION D.LGS. 31/2012	TESTING WATER QUALITY	TREATED WATER QUALITY	NOTE
Ammonium (NH <sub>4</sub> )	≤0,50 mg/l	0,00 mg/l	0,00 mg/l	
pH	≥ 6,5 and ≤ 9,5	≥ 7,6 and ≤ 7,9	≥ 7,7 and ≤ 8,3	
PO <sub>4</sub> 3	-	≥ 0,04 mg/l ≤ 0,07 mg/l	≥ 0,2 mg/l ≤ 0,9 mg/l	
Bacteria growth 22°C - 37°C	No abnormal change	No abnormal change	No abnormal change	Check after 60 days of no use
Active Chlorine	0,20 mg/l	1,00 mg/l	≥ 0,1 and ≤ 0,2 mg/l	85% Reduction

PACKAGING (Cardboard box 6 pieces)			
MODELS	WIDTH	DEPTH	HEIGHT
MINI	28 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

Before removing the cartridge, close the inlet water valve and remove the pressure in the circuit by opening the downstream tap. Turn the empty cartridge by 90° clockwise, then remove the cartridge from the head. Insert the new cartridge, after removing the protective cap, and turn it 90° anticlockwise. Open the inlet valve and supply water for at least 5 minutes to activate the new cartridge. After brief periods of inactivity, supply water before drinking it. In the case of prolonged disuse, disinfect the system.

## COMPANY CERTIFICATIONS

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

## CERTIFICATION PRODUCTS

Complies with **DM 174/2004** and **D.Lgs.31/2001** 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).

# R

# Profine® ROCK



domestic

**REMINERALIZATION  
FOR DRINKING WATER**

Profine® **Rock** is a cartridge for remineralization of low salinity water (that is produced for example by a reverse osmosis system).

MODELS	
CODE	MODELS
Y21496B-B1W	MINI
Y21495B-B1V	SMALL
Y21490B-B1U	MEDIUM
Y21489B-B1T	LARGE

DIMENSIONS			
MODELS	DIAMETER	HEIGHT (without head)	HEIGHT (with head)
MINI	87,4 mm	215 mm	245 mm
SMALL	87,4 mm	270 mm	302 mm
MEDIUM	87,4 mm	385 mm	417 mm
LARGE	87,4 mm	530 mm	562 mm

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

TECHNICAL SPECIFICATIONS	
MODELS	FLOW RATE
MINI	1,5 l/min*
SMALL	2 l/min*
MEDIUM	3,7 l/min*
LARGE	5 l/min*

\* Capacities may vary based on incoming water and flow rates.



## MATERIALS

Cartridge: polypropylene;  
Filtration: filtration through remineralizing media, Kiwa certification.

## GENERAL CHARACTERISTICS

Disposable quick-connection cartridge dedicated to the remineralization of low-salinity water produced for example by a reverse osmosis system. The special formulation of the media allows remineralization keeping the pH within the limits established by Italian Legislative Decree 31/2001. Cartridge in compliance with Italian DM25/12 concerning the Italian DM174/2004 and Italian D.Lgs.31/2001.

## USE

Domestic and industrial sector of post-treatment of osmosis systems, sector of machines for coffee production, sector of equipments for beverage preparation or similar. The release of the filter media, with an increase in salinity in the treated water, strongly depends on the stop time.

## INSTALLATION

Standard

## HEAD

In any case use the R type head.

## REPLACEMENT

It's recommend to replace the cartridge at the end of its nominal range, or if the output flow is too slow. However, the cartridge must be replaced within 365 days from its installation. Before removing the remineralizing cartridge, close the water inlet upstream valve and eliminate the pressure in the circuit by opening the tap. To activate the cartridge correctly, open the inlet valve and dispense water for at least five minutes before taking it for potable uses.

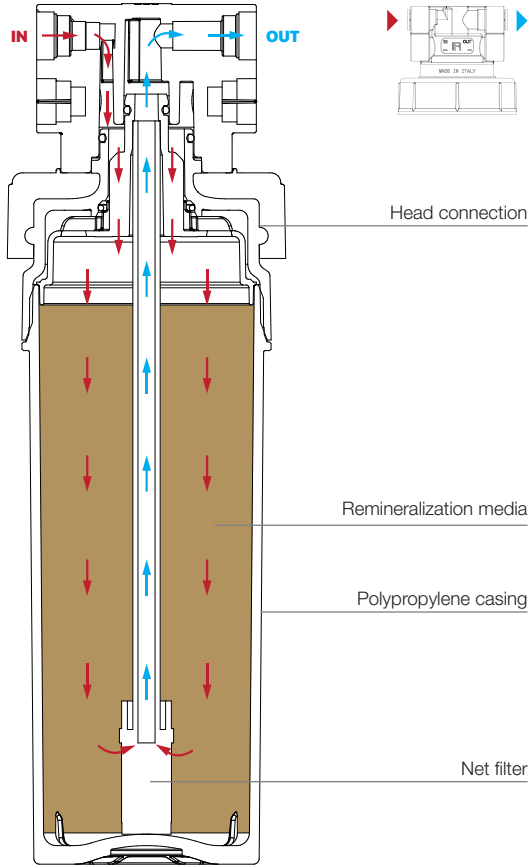
# R

# Profine® ROCK



domestic

**REMINERALIZATION  
FOR DRINKING WATER**



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



Operating pressure Min - Max  
**0,5 bar – 6 bar**  
**(0,05 – 0,6 MPa)**

PARAMETERS			
CONDUCTIVITY (µS)		pH	
IN	OUT	IN	OUT
20	90	6,5	9

AUTONOMY			
MINI	SMALL	MEDIUM	LARGE
6.000 l*	10.000 l*	16.000 l*	25.000 l*

\* Capacities may vary based on incoming water and flow rates.

PACKAGING (Cardboard box 6 pieces)			
MODELS	WIDTH	DEPTH	HEIGHT
MINI	28.5 cm	19 cm	23 cm
SMALL	28 cm	20 cm	28 cm
MEDIUM	28 cm	20 cm	39,5 cm
LARGE	28 cm	20 cm	54 cm

## COMPANY CERTIFICATIONS

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

## PRODUCT CERTIFICATIONS

**Kiwa** certified remineralization media.  
In compliance with **DM 25/2012** legislation.

## INACTIVITY PERIOD

Short periods of inactivity: flushing of the cartridge is always necessary. It is advisable to supply water for at least 1 at most 2 minutes before the new use.

## ENVIROMENT

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).





# Profine® yellow



no potable



technological uses

## TOTAL WATER DEMINERALIZATION

Profine® **Yellow** allows the total demineralization of the water. Filter with ion exchange resin (cation and anion), rapid coupling with demineralizing resin in mixed bed.

### CONDITIONING

The process of activating the water filters includes a first 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 systems, technological use such as dental and dental implants. The filter must only be supplied with cold drinking water.

### INSTALLATION

Vertical installation is recommended.

### HEADER FOR SMALL MEDIUM E 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.

### 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)
Y21418B-AYT	SMALL	87,4 mm	270 mm	30,2 cm
Y21417B-AYS	MEDIUM	87,4 mm	385 mm	41,7 cm
Y21416B-AYQ	LARGE	87,4 mm	530 mm	56,2 cm
PBBLP200-B3B	BIG 2.0	135 mm	308 mm	--
PBBLP300-B7N	BIG 3.0	135 mm	385 mm	--
PBBLP450-B7P	BIG 4.5	173 mm	395 mm	--
PBBLP600-B3C	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	250 l*
MEDIUM	1,5 l/min*	400 l*
LARGE	2 l/min*	500 l*
BIG 2.0	2,2 l/min	550 l*
BIG 3.0	3,3 l/min	800 l*
BIG 4.5	5 l/min	1200 l*
BIG 6.0	6,5 l/min	1600 l*

Autonomy calculated on water with a salinity of 250 µS/cm

\* Based on internal manufacturer testing





# Profine<sup>®</sup> yellow

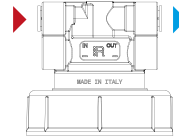
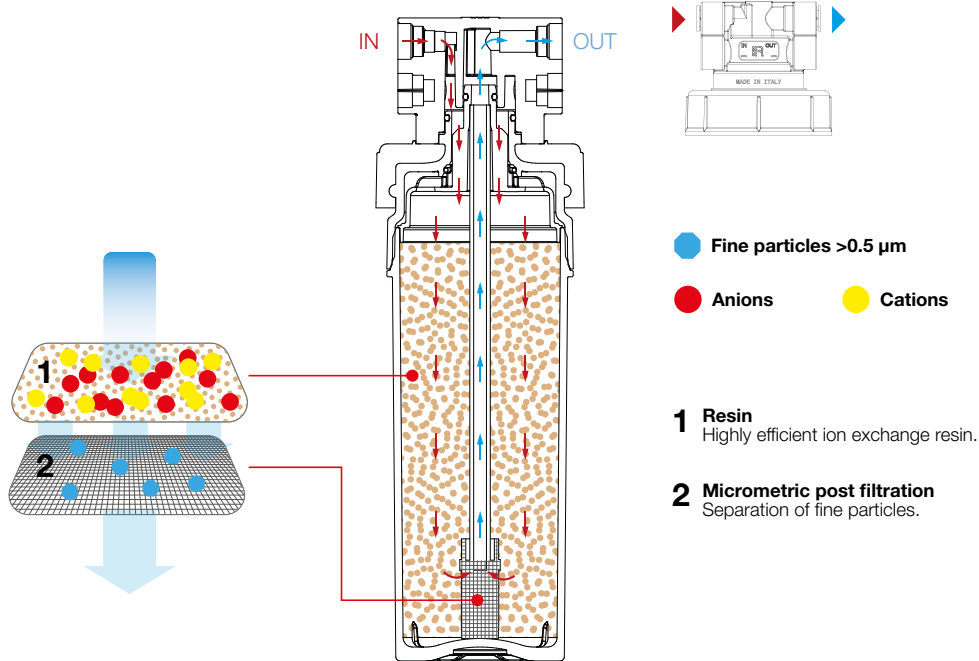


no potable



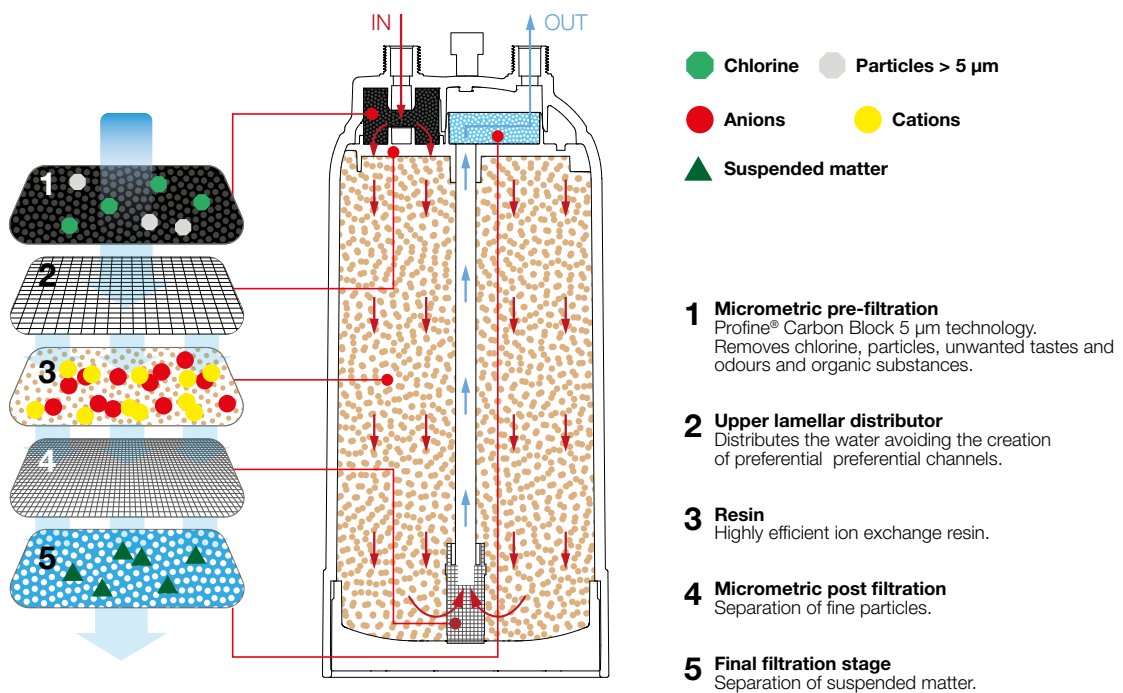
technological uses

**TOTAL WATER  
DEMINERALIZATION**



## CARTRIDGE FILTER

### BIG FILTER





MADE IN ITALY



MOCA



# Profine<sup>®</sup> perfetto

## ANTI LIMESCALE

Protects coffee machines from limescale.



NON  
CORROSIVE  
TREATMENT



PROTECTS  
THE COFFEE  
MACHINE



ENHANCED  
COFFEE  
TASTE

think:water © 2021

MODEL	
YS00004B	Profine <sup>®</sup> Perfetto
DIMENSIONS	
100 X 90 mm	
WATER TEMPERATURE	
Min 4 - Max 30 °C	

Suitable for tanks with capacity up to 2.5 litres.

### PROFINE<sup>®</sup> PERFETTO

The ideal partner in coffee. Profine<sup>®</sup> Perfetto refines the quality of the water allowing you to enhance the flavor of the coffee. Offers vital protection for machine technology by avoiding limescale precipitation.

### GENERAL INFORMATIONS

Ideal for use with espresso coffee machines, coffee filter machines, coffee pod and capsule machines and in all home and professional applications. Profine<sup>®</sup> Perfetto is part of a wider range of Profine<sup>®</sup> water treatment and vending products, tested and designed to meet all the needs of restaurants, caterers, vending professionals and at home or office users.

### ADVANTAGES

Profine<sup>®</sup> Perfetto is part of a wider range of Profine<sup>®</sup> water treatment and vending products, tested and designed to meet all the needs of restaurants, caterers, vending professionals and at home or office users.

### CERTIFICATIONS

Profine<sup>®</sup> Perfetto is ICIM certified (products and components in contact with food according to MOCA provisions).

It has a resin that holds the limestone certified for the treatment of water intended for food use.

The sachet is produced in material suitable for contact with food, in accordance with current regulations.

### HOW PERFETTO WORKS

Removes total hardness of water.

Offers an excellent protection against scale build up.

Doesn't change the pH (acidity) and improves the coffee.

Profine<sup>®</sup> Perfetto has a resin that works with ion exchange. Ionic exchange is a chemical-physical process that involves the exchange of «elements», in this case ions of different types. Profine<sup>®</sup> Perfetto resin «pearls» exchange scale ions and water carbonates with the right amount of sodium.

Limestone has always been known for encrusting machines damaging their use; while the carbonates negatively affect the aroma of the coffee.

We recommend that you always keep Profine<sup>®</sup> Perfetto completely submerged. After stops for more than 5 days, replace the water and immerse the filter again.

TECHNICAL SPECIFICATIONS	
fresh water (15°f / 8°dH)	
liters	coffee (30cc)
50	1666
average water (25°f / 14°dH)	
liters	coffee (30cc)
29	966
hard water (35°f / 19°dH)	
liters	coffee (30cc)
21	700

Exchange capacity is affected by water quality and time of use.