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FILTER CARTRIDGES

water treatment



FILTER CARTRIDGES

SX, BX, CX

Extensive range of filter cartridges for every application in water filtration and water treatment, made with the most appropriate filtering and treatment media.

- **SX cartridges** fit to standard Atlas Filtri SX housings, as well as most standard housings available from the market.
- **Exclusive BX and CX cartridges with double o-ring collar** fit to proprietary Atlas Filtri BX and CX housings, DP housings, K housings, Depural Top housings.

The cartridges standard heights range from 4" to 50", depending on model and configuration.

The standard filter rates range from Ultra-filtration at 0.02 micron to nominal filtration at 100 micron, providing any kind of filtration requirement. The standard treatment media are made from Granular Activated Carbon (GAC), Carbon Block, Polyphosphate, Ionic Exchange Resins.

Custom made heights, filter rates, treatment media are available on request. Atlas Filtri cartridges are manufactured with the finest and most advanced materials under constant focus on innovative processing technologies and ceaseless modernization to ensure the absolute quality of our products.

A wide range of cartridges are certified under the most stringent certification procedures and standards: TIFQ (Italy), ACS (France), GOST (Russia).

Dedicated accessories are available on demand: FilterFit, centering device which holds cartridges perfectly standing inside DP housings; Containing Sponge, designed to hold in place treatment media for the filling of P type empty cartridges (containers).

CARTRIDGES CONFIGURATION

FOR FILTERS SX, BX, CX

Atlas Filtri® cartridges are available in a wide range of end-caps configurations to provide:

- the widest compatibility to housings for cartridges with standard configuration SX with flat seals and double open end (DOE). The major part of housings in the market are suitable to this standard.
- a range of quick-fit double o-ring cartridges with proprietary configurations BX, AX, CX to ensure: perfect watertight fit, safer for micro-filtration; simple and rapid maintenance operations; perfect cartridge standing and elimination of wrong positioning; market exclusivity.



SX

Standard double open end (DOE) configuration with flat seals.

Fit to SX housings, DP housings, Depural®, Depural® Top, Bravo DP, Oasis DP.



BX

Quick-fit configuration with 45 mm double o-ring collar.

Fit to Plus 3P BX housings, DP housings, K Plus 3P housings, Depural® Top, Bravo DP, Oasis DP.



CX

Quick-fit configuration with 57 mm double o-ring collar.

Fit to Plus 3P CX and K DP housings.

CERTIFICATIONS



The products are tested and certified under the most stringent procedures worldwide, achieving the sanitary certification GOST (Russia).

TERMS LEGEND

Filtration

Filter rate in micron.

Flow rate

In liters per hour (l/h), the flow rate for ideal filtration using a new cartridge.

Average life-span

The average working life of the cartridge. Working life depends on the type of application, and on the level of filtration, the cartridge material, the type of maintenance that can be carried out and, especially, depends on the quality of the water being treated. The quality of the water is an extremely variable factor and thus the average life-span is indicated for a mains water supply with average European potable water characteristics.

Maintenance

Type and frequency of applicable maintenance operations.

WATER TREATMENT PRODUCTS BULK

Polyphosphate crystals 10/20

- 0,5 Kg pack
- 1,5 Kg pack
- 25 kg pack

Polyphosphate crystals 6/10

- 0,5 Kg pack
- 1,5 Kg pack
- 25 kg pack

Granular activated carbon

- 0,3 kg pack
- 20 kg pack

Strong cationic resin (softening)

- 25 litres pack

Strong anionic resin (anti-nitrates)

- 25 litres pack

Mixed bed resin (demineralisation)

- 25 litres pack

SYMBOLS LEGEND



For domestic use



For technical and industrial use



CB-EC cartridges are the only environmentally friendly carbon block element, made with a proprietary technology reducing green house gas emissions in activated carbon production.

Cartridges for mechanical filtration

WASHABLE CARTRIDGES

- RL** - polyester net. Filtration 50 micron.
- RL C** - polyester net. Filtration 50 micron.
- RL A** - stainless steel net. Filtration 70 micron.
- RS** - polyester net. Filtration 50 micron.
- RA** - stainless steel net. Filtration 70 micron.
- SA** - stainless steel net. Filtration 50 micron.

FILTRATION IN DEPTH

- FA** - wound polypropylene thread. Filtration from 1 to 100 micron.
- FA HOT** - wound polypropylene thread with special inner core, for hot water. Filtration from 1 to 100 micron.
- CPP** - melt-blown polypropylene smooth.
- PP** - melt-blown polypropylene grooved.
- TS** - polyester fabric. Filtration 50 micron.
- CS** - special paper. Filtration 25 micron.
- GA** - quartzite. Filtration 10 micron.
- AB** - ceramic. Filtration 0,45 micron.
- AC** - polypropylene-borosilicate multi-layer. Filtration 0,2 micron and 0,45 micron.

Cartridges for water treatment

GRANULAR ACTIVATED CARBON

Reduction of chlorine, taste, odour (CTO); volatile organic compounds (VOC) pesticides, insecticides, chlorinated organic compounds.

GRANULAR ACTIVATED CARBON

LA - granular activated carbon from coconut shell.

GRANULAR ACTIVATED CARBON AND FILTER MEDIUM

FA-CA - wound polypropylene thread. Filtration from 5 to 100 micron. Granular activated carbon from coconut shell.

CA - melt-blown polypropylene. Filtration 25 micron. Granular activated carbon from coconut shell.

BT CPP LA - melt-blown polypropylene. Filtration from 1 to 50 micron. Granular activated carbon from coconut shell.

ACTIVATED CARBON BLOCK

Reduction of chlorine, taste, odour (CTO); volatile organic compounds (VOC) pesticides, insecticides, chlorinated organic compounds, heavy metals (Pb), bacteria and virus.

CA SE - activated carbon block from coconut shell. Filtration from 0,3 to 5 micron.

CA-SE HF - activated carbon block from coconut shell and hollow-fiber membranes. Filtration 0,15 and 0.02 micron. Antibacterial.

CB-EC - activated carbon block from coconut shell. Filtration from 1 to 10 micron.

POLYPHOSPHATE CRYSTALS

Anti-scale treatment

HA - polyphosphate crystals suitable for drinking water when used with Dosaprop proportional dosing systems, in compliance with UE Directive 80/778.

BT CPP HA - melt-blown polypropylene. Filtration from 1 to 50 micron. Polyphosphate crystals suitable for drinking water when used with Dosaprop proportional dosing systems, in compliance with UE Directive 98/83/CE.

BT RL HA - polyester net. Filtration 50 micron. Polyphosphate crystals suitable for drinking water when used with Dosaprop proportional dosing systems, in compliance with UE Directive 98/83/CE.

FA HA - wound polypropylene thread. Filtration from 5 to 100 micron. Polyphosphate crystals suitable for drinking water when used with Dosaprop proportional dosing systems, in compliance with UE Directive 98/83/CE.

CPP HA - melt-blown polypropylene. Filtration 5 and 25 micron. Polyphosphate crystals suitable for drinking water when used with Dosaprop proportional dosing systems, in compliance with UE Directive 98/83/CE.

IONIC EXCHANGE RESINS

QA CF - cationic resin. Reduction of total hardness.

QA AF - anionic resin. Reduction of nitrates.

QA LM - mixed bed of cationic and anionic resins. Demineralization.

EMPTY CONTAINERS

P - containers to be filled up with water treatment products.



LA granular activated carbon (GAC)

Reduction of: chlorine, taste, odour (CTO); volatile organic compounds (VOC).
Average life-span: 3 months.
Maintenance: none.
Remark - Use a pre-filter to protect the cartridge.

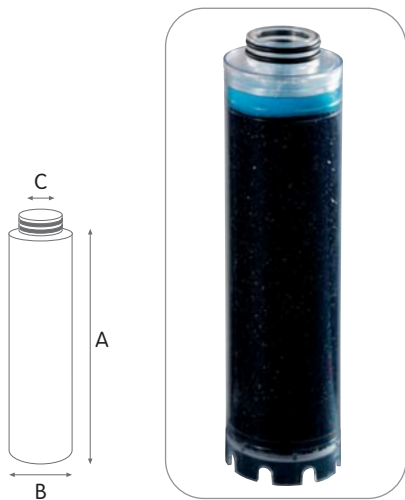
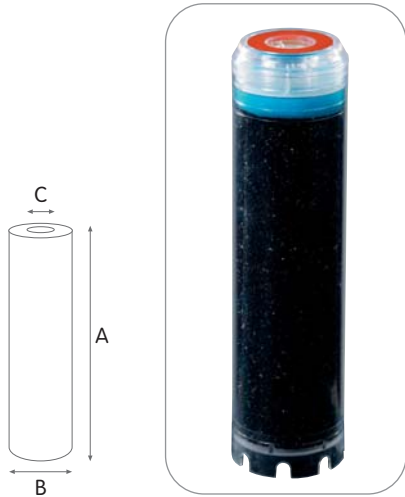
WORKING CONDITIONS

Max working temperature _____ 45°C (113°F)

SPECIFICATIONS

Non-toxic materials, suitable for drinking water.
 Container, end cap and grid: polystyrene.
 Flat seal SX: SEBS. O-rings BX: EPDM.
 Containing sponge: polyurethane.
 Treatment material: granular activated carbon from coconut shell.

Plastic container filled with GAC, made from coconut shell for the reduction of chlorine, taste, odour (CTO) and volatile organic compounds (VOC), designed to provide the highest contact time of the water through the whole GAC bed. LA cartridges are available with height from 5" to 20".



LA SX

GRANULAR ACTIVATED CARBON WITH DOUBLE OPEN END (DOE)

| CODE | MODEL | NOMINAL HEIGHT | NOMINAL FLOW/RATE l/h | DIMENSIONS MM | | |
|----------------------------|--------------|----------------|-----------------------|---------------|----|----|
| | | | | A | B | C |
| OD 1,77" x ID 0,71" | | | | | | |
| RA5180125 | LA MIGNON SX | 5" M | 150 | 125 | 50 | 21 |
| OD 2,40" x ID 1,10" | | | | | | |
| RA5182125 | LA 5 SX | 5" | 200 | 128 | 70 | 28 |
| RA5184125 | LA 7 SX | 7" | 300 | 176 | 70 | 28 |
| RA5185125 | LA 10 SX | 10" | 500 | 252 | 70 | 28 |
| RA5187125 | LA 20 SX | 20" | 750 | 510 | 70 | 28 |

LA BX

GRANULAR ACTIVATED CARBON WITH DOUBLE O RING COLLAR 45 MM

| CODE | MODEL | NOMINAL HEIGHT | NOMINAL FLOW/RATE l/h | DIMENSIONS MM | | |
|----------------------------|----------|----------------|-----------------------|---------------|----|----|
| | | | | A | B | C |
| OD 2,40" x ID 1,10" | | | | | | |
| RA5182225 | LA 5 BX | 5" | 200 | 127 | 70 | 25 |
| RA5184225 | LA 7 BX | 7" | 300 | 183 | 70 | 25 |
| RA5185225 | LA 10 BX | 10" | 500 | 252 | 70 | 25 |
| RA5187225 | LA 20 BX | 20" | 750 | 510 | 70 | 25 |

LA cartridges are available in a variety of:

CONFIGURATIONS:

- SX standard configuration double open end (DOE) available for every height and diameter.
- BX proprietary configuration with double o-ring collar 45 mm, suitable to PLUS 3P BX housings, DP housings, K PLUS 3P housings.

MODELS:

- LA MIGNON series 5"M OD 1.77" ID 0.71, SX configuration.
- LA series from 5" to 20" OD 2.40" ID 1.10", SX, BX configurations.

Variants available on minimum quantity:

- LA-Ag models with silver impregnated coconut GAC for bacteriostatic effect.

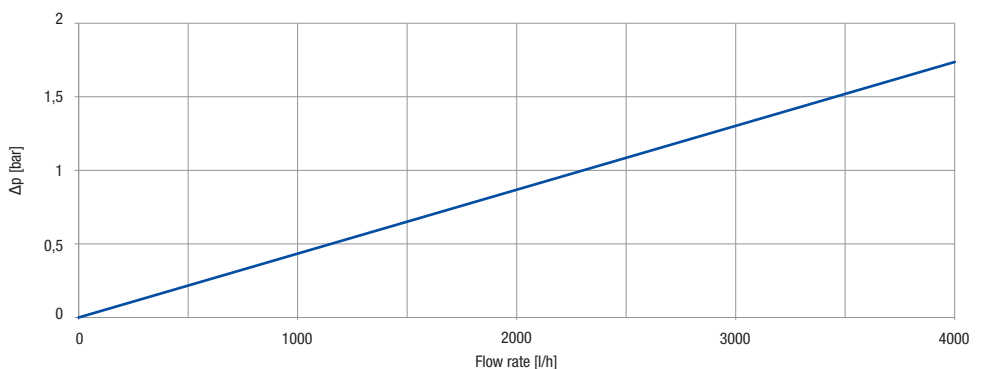
CERTIFICATIONS

In compliance with Italian regulation D.M. 174/2004

LA cartridges are tested and certified under the most stringent procedures worldwide, achieving the certification of compliance with DM 174/2004.

FLOW RATE vs PRESSURE DROP Δp

Tests carried on 10" elements type LA 10 SX.
 Testing mode: 20°C, 3 BAR





CA melt-blown polypropylene and granular activated carbon (GAC)

Sediment filtration and reduction of: chlorine, taste, odour (CTO); volatile organic compounds (VOC).

Average life-span: 3 months.

Maintenance: none.

WORKING CONDITIONS

Max working temperature _____ 45°C (113°F)

SPECIFICATIONS

Non toxic materials, suitable for drinking water.

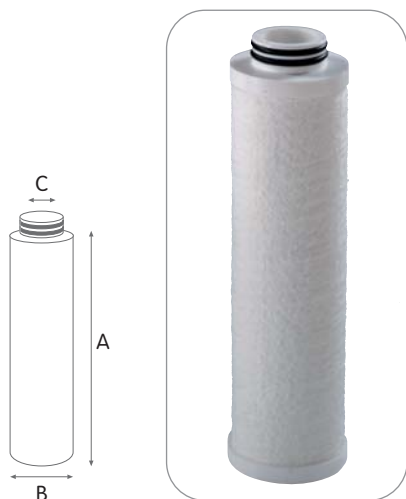
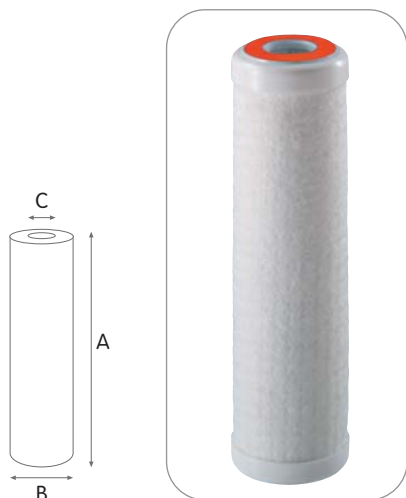
Filter medium: polypropylene.

End caps and grids: polypropylene.

Flat seals SX: SEBS. O-rings BX: EPDM.

Treatment material: granular activated carbon from coconut shell.

Melt-blown polypropylene filter cartridge filled with GAC, made from coconut shell for the reduction of chlorine, taste, odour (CTO) and volatile organic compounds (VOC) providing pre-filtration at 25 micron. CA cartridges are available with height from 4" to 20".



CA SX

MELT BLOWN AND GRANULAR ACTIVATED CARBON WITH DOUBLE OPEN END (DOE)

| CODE | MODEL | NOMINAL HEIGHT | NOMINAL FILTRATION MICRON | NOMINAL FLOW/RATE l/h | DIMENSIONS MM | | |
|----------------------------|---------------------|----------------|---------------------------|-----------------------|---------------|----|----|
| | | | | | A | B | C |
| OD 1,77" x ID 0,71" | | | | | | | |
| RA5090111 | CA MIGNON SX 25 mcr | 5" M | 25 | 150 | 106 | 50 | 18 |
| OD 2,40" x ID 1,10" | | | | | | | |
| RA5091111 | CA 4 SX 25 mcr | 4" | 25 | 200 | 106 | 70 | 30 |
| RA5092111 | CA 5 SX 25 mcr | 5" | 25 | 300 | 125 | 70 | 30 |
| RA5094111 | CA 7 SX 25 mcr | 7" | 25 | 450 | 173 | 70 | 30 |
| RA5095111 | CA 10 SX 25 mcr | 10" | 25 | 600 | 250 | 70 | 30 |
| RA5097111 | CA 20 SX 25 mcr | 20" | 25 | 1200 | 505 | 70 | 30 |

CA BX

MELT BLOWN AND GRANULAR ACTIVATED CARBON WITH DOUBLE O RING COLLAR 45 MM

| CODE | MODEL | NOMINAL HEIGHT | NOMINAL FILTRATION MICRON | NOMINAL FLOW/RATE l/h | DIMENSIONS MM | | |
|----------------------------|-----------------|----------------|---------------------------|-----------------------|---------------|----|----|
| | | | | | A | B | C |
| OD 2,40" x ID 1,10" | | | | | | | |
| RA5092211 | CA 5 BX 25 mcr | 5" | 25 | 300 | 125 | 70 | 30 |
| RA5094211 | CA 7 BX 25 mcr | 7" | 25 | 450 | 173 | 70 | 30 |
| RA5095211 | CA 10 BX 25 mcr | 10" | 25 | 600 | 250 | 70 | 30 |
| RA5097211 | CA 20 BX 25 mcr | 20" | 25 | 1200 | 505 | 70 | 30 |

CA cartridges are available in a variety of:

CONFIGURATIONS:

- SX standard configuration double open end (DOE) available for every height and diameter.
- BX proprietary configuration with double o-ring collar 45 mm, suitable to PLUS 3P BX housings, DP housings, K PLUS 3P housings.

MODELS:

- CA MIGNON series 5"M OD 1.77" ID 0.71, SX configuration.
- CA series from 5" to 20" OD 2.40" ID 1.10", SX, BX configurations.

Variants available on minimum quantity:

- CA-Ag models with silver impregnated coconut GAC for bacteriostatic effect.
- Filter rates at 5, 10, 50 micron.

CERTIFICATIONS

In compliance with
italian regulation
D.M. 174/2004

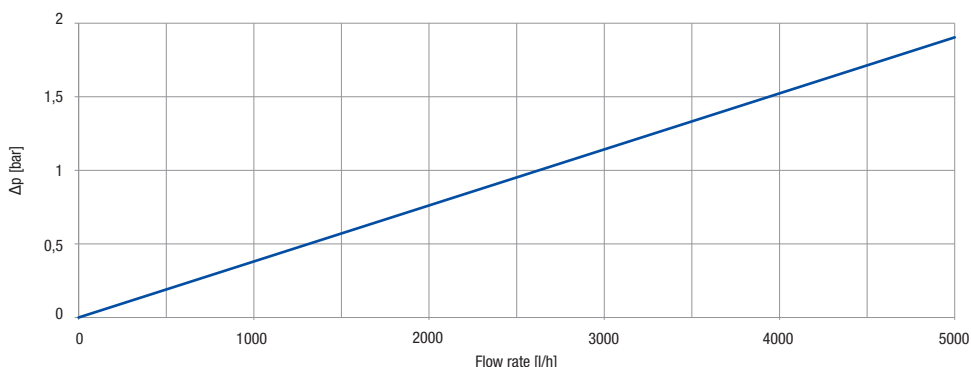
CA cartridges are tested and certified under the most stringent procedures worldwide, achieving the **certification of compliance with DM 174/2004**.

FLOW RATE vs PRESSURE DROP Δp

Tests carried on 10" elements type **CA 10 SX**.

Testing mode: 20°C, 3 BAR

25 micron





FA CA wound polypropylene thread and granular activated carbon (GAC)

Sediment filtration and reduction of: chlorine, taste, odour (CTO); volatile organic compounds (VOC).
Average life-span: 3 months.
Maintenance: none.

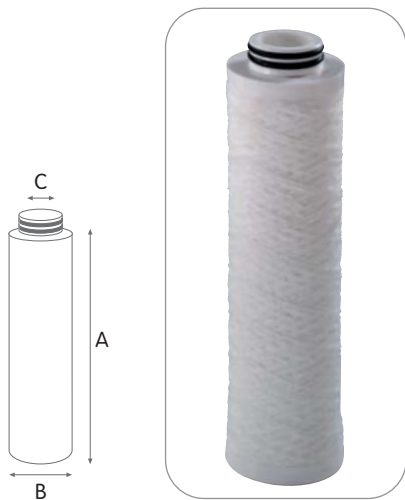
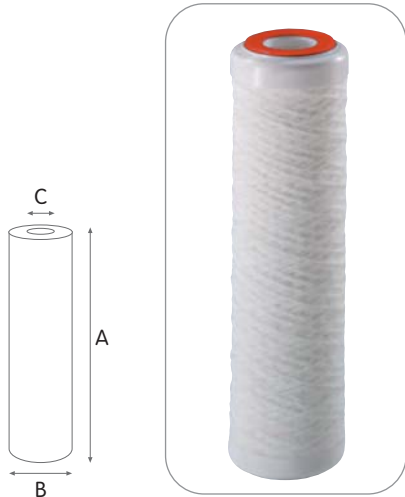
WORKING CONDITIONS

Max working temperature _____ 45°C (113°F)

SPECIFICATIONS

Non toxic materials, suitable for drinking water.
Filtering medium: polypropylene.
End caps and grids: polypropylene.
Flat seals SX: SEBS. O-rings BX: EPDM.
Treatment material: granular activated carbon from coconut shell.

Wound polypropylene filter cartridge filled with GAC, made from coconut shell for the reduction of chlorine, taste, odour (CTO) and volatile organic compounds (VOC) providing pre-filtration at 5, 10, 25 and 50 micron. CA cartridges are available with height from 5" to 20".



FA CA SX

WOUND POLYPROPYLENE THREAD AND GRANULAR ACTIVATED CARBON WITH DOUBLE OPEN END (DOE)

| CODE | MODEL | NOMINAL HEIGHT | NOMINAL FILTRATION MICRON | NOMINAL FLOW/RATE l/h | DIMENSIONS MM | | |
|----------------------------|---------------------|----------------|---------------------------|-----------------------|---------------|----|----|
| | | | | | A | B | C |
| OD 2,40" x ID 1,10" | | | | | | | |
| RA5653108 | FA 5 CA SX 5 mcr | 5" | 5 | 300 | 125 | 70 | 30 |
| RA5653109 | FA 5 CA SX 10 mcr | 5" | 10 | 300 | 125 | 70 | 30 |
| RA5653111 | FA 5 CA SX 25 mcr | 5" | 25 | 300 | 125 | 70 | 30 |
| RA5653114 | FA 5 CA SX 50 mcr | 5" | 50 | 300 | 125 | 70 | 30 |
| RA5653119 | FA 5 CA SX 100 mcr | 5" | 100 | 300 | 125 | 70 | 30 |
| RA5654108 | FA 7 CA SX 5 mcr | 7" | 5 | 450 | 173 | 70 | 30 |
| RA5654109 | FA 7 CA SX 10 mcr | 7" | 10 | 450 | 173 | 70 | 30 |
| RA5654111 | FA 7 CA SX 25 mcr | 7" | 25 | 450 | 173 | 70 | 30 |
| RA5654114 | FA 7 CA SX 50 mcr | 7" | 50 | 450 | 173 | 70 | 30 |
| RA5654119 | FA 7 CA SX 100 mcr | 7" | 100 | 450 | 173 | 70 | 30 |
| RA5655108 | FA 10 CA SX 5 mcr | 10" | 5 | 600 | 250 | 70 | 30 |
| RA5655109 | FA 10 CA SX 10 mcr | 10" | 10 | 600 | 250 | 70 | 30 |
| RA5655111 | FA 10 CA SX 25 mcr | 10" | 25 | 600 | 250 | 70 | 30 |
| RA5655114 | FA 10 CA SX 50 mcr | 10" | 50 | 600 | 250 | 70 | 30 |
| RA5655119 | FA 10 CA SX 100 mcr | 10" | 100 | 600 | 250 | 70 | 30 |

FA CA BX

WOUND POLYPROPYLENE THREAD AND GRANULAR ACTIVATED CARBON WITH DOUBLE O RING COLLAR 45 MM

| CODE | MODEL | NOMINAL HEIGHT | NOMINAL FILTRATION MICRON | NOMINAL FLOW/RATE l/h | DIMENSIONS MM | | |
|----------------------------|---------------------|----------------|---------------------------|-----------------------|---------------|----|----|
| | | | | | A | B | C |
| OD 2,40" x ID 1,10" | | | | | | | |
| RA5653208 | FA 5 CA BX 5 mcr | 5" | 5 | 300 | 125 | 70 | 30 |
| RA5653209 | FA 5 CA BX 10 mcr | 5" | 10 | 300 | 125 | 70 | 30 |
| RA5653211 | FA 5 CA BX 25 mcr | 5" | 25 | 300 | 125 | 70 | 30 |
| RA5653214 | FA 5 CA BX 50 mcr | 5" | 50 | 300 | 125 | 70 | 30 |
| RA5653219 | FA 5 CA BX 100 mcr | 5" | 100 | 300 | 125 | 70 | 30 |
| RA5654208 | FA 7 CA BX 5 mcr | 7" | 5 | 450 | 173 | 70 | 30 |
| RA5654209 | FA 7 CA BX 10 mcr | 7" | 10 | 450 | 173 | 70 | 30 |
| RA5654211 | FA 7 CA BX 25 mcr | 7" | 25 | 450 | 173 | 70 | 30 |
| RA5654214 | FA 7 CA BX 50 mcr | 7" | 50 | 450 | 173 | 70 | 30 |
| RA5654219 | FA 7 CA BX 100 mcr | 7" | 100 | 450 | 173 | 70 | 30 |
| RA5655208 | FA 10 CA BX 5 mcr | 10" | 5 | 600 | 250 | 70 | 30 |
| RA5655209 | FA 10 CA BX 10 mcr | 10" | 10 | 600 | 250 | 70 | 30 |
| RA5655211 | FA 10 CA BX 25 mcr | 10" | 25 | 600 | 250 | 70 | 30 |
| RA5655214 | FA 10 CA BX 50 mcr | 10" | 50 | 600 | 250 | 70 | 30 |
| RA5655219 | FA 10 CA BX 100 mcr | 10" | 100 | 600 | 250 | 70 | 30 |

FA-CA cartridges are available in a variety of:

CONFIGURATIONS:

- SX standard configuration double open end (DOE) available for every height and diameter.
- BX proprietary configuration with double o-ring collar 45 mm, suitable to PLUS 3P BX housings, DP housings, K PLUS 3P housings.

MODELS:

- FA-CA series from 5" to 20" OD 2.40" ID 1.10", SX, BX configurations.

Variants available on minimum quantity:

- FA-CA-Ag models with silver impregnated coconut GAC for bacteriostatic effect.

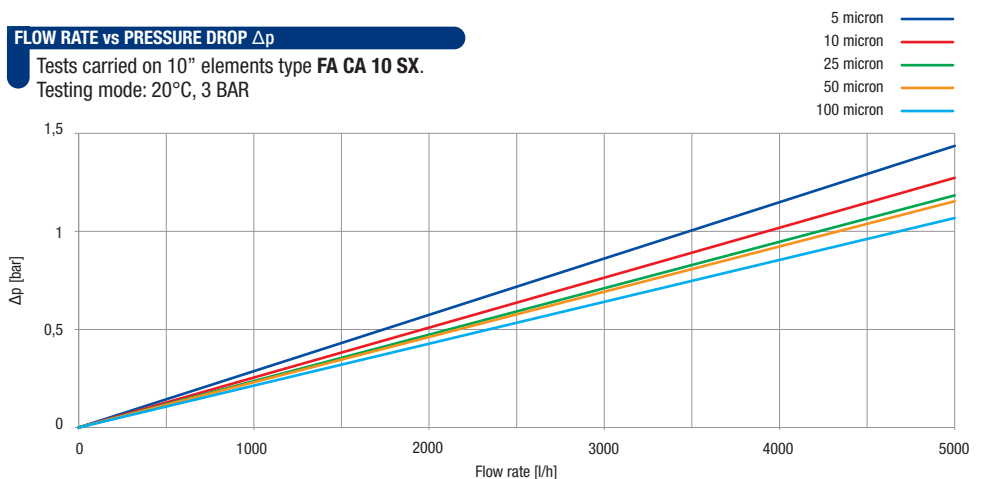
CERTIFICATIONS

In compliance with
italian regulation
D.M. 174/2004

FA CA cartridges are tested and certified under the most stringent procedures worldwide, achieving the **certification of compliance with DM 174/2004**.

FLOW RATE vs PRESSURE DROP Δp

Tests carried on 10" elements type **FA CA 10 SX**.
Testing mode: 20°C, 3 BAR





BT CPP LA melt-blown polypropylene and granular activated carbon (GAC)

Sediment filtration and reduction of: chlorine, taste, odour (CTO); volatile organic compounds (VOC).
Average life-span: 3 months.
Maintenance: none.

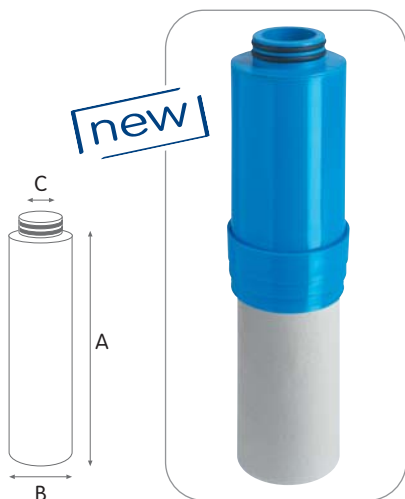
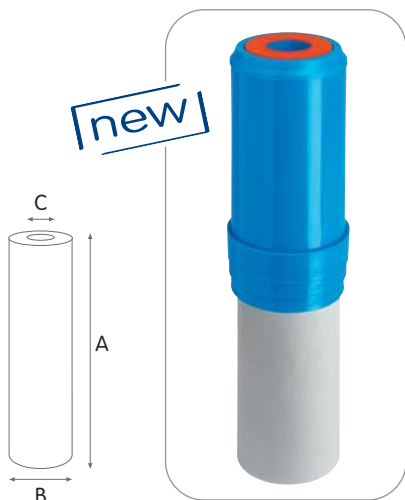
WORKING CONDITIONS

Max working temperature _____ 45°C (113°F)

SPECIFICATIONS

Non-toxic materials, suitable for drinking water.
 Filter medium: polypropylene.
 Container, end cap and grid: polypropylene.
 Flat seal SX: SEBS. O-rings BX: EPDM.
 Treatment material: granular activated carbon from coconut shell.

Cartridges combining a pre-filter element made from melt-blown polypropylene and a plastic container filled with GAC, made from coconut shell, designed to provide fine sediment filtration at 5, 10, 25 and 50 micron and high contact time of the water through the whole GAC bed for the reduction of chlorine, taste, odour (CTO) and volatile organic compounds (VOC). BT CPP LA cartridges are available with height 10" and 20".



BT CPP LA SX

MELT BLOWN AND GRANULAR ACTIVATED CARBON WITH DOUBLE OPEN END (DOE)

| CODE | MODEL | NOMINAL HEIGHT | NOMINAL FILTRATION MICRON | NOMINAL FLOW/RATE l/h | DIMENSIONS MM | | |
|----------------------------|---------------------------|----------------|---------------------------|-----------------------|---------------|----|----|
| | | | | | A | B | C |
| OD 2,40" x ID 1,10" | | | | | | | |
| RA5785308 | BT CPP LA 10 SX AB 5 mcr | 10" | 5 | 500 | 252 | 72 | 28 |
| RA5785311 | BT CPP LA 10 SX AB 25 mcr | 10" | 25 | 500 | 252 | 72 | 28 |
| RA5787308 | BT CPP LA 20 SX AB 5 mcr | 20" | 5 | 750 | 510 | 72 | 28 |
| RA5787311 | BT CPP LA 20 SX AB 25 mcr | 20" | 25 | 750 | 510 | 72 | 28 |

BT CPP LA BX

MELT BLOWN AND GRANULAR ACTIVATED CARBON WITH DOUBLE O RING COLLAR 45 MM

| CODE | MODEL | NOMINAL HEIGHT | NOMINAL FILTRATION MICRON | NOMINAL FLOW/RATE l/h | DIMENSIONS MM | | |
|----------------------------|---------------------------|----------------|---------------------------|-----------------------|---------------|----|----|
| | | | | | A | B | C |
| OD 2,40" x ID 1,10" | | | | | | | |
| RA5785328 | BT CPP LA 10 BX AB 5 mcr | 10" | 5 | 500 | 252 | 72 | 25 |
| RA5785321 | BT CPP LA 10 BX AB 25 mcr | 10" | 25 | 500 | 252 | 72 | 25 |
| RA5787328 | BT CPP LA 20 BX AB 5 mcr | 20" | 5 | 750 | 510 | 72 | 25 |
| RA5787321 | BT CPP LA 20 BX AB 25 mcr | 20" | 25 | 750 | 510 | 72 | 25 |

BT CPP LA cartridges are available in a variety of:

CONFIGURATIONS:

- SX standard configuration double open end (DOE) available for every height and diameter.
- BX proprietary configuration with double o-ring collar 45 mm, suitable to PLUS 3P BX housings, DP housings, K PLUS 3P housings.

MODELS:

- BT CPP LA series 10" and 20" OD 2.40" ID 1.10", SX, BX configurations.

Variants available on minimum quantity:

- BT CPP LA AG models with silver impregnated coconut GAC for bacteriostatic effect.

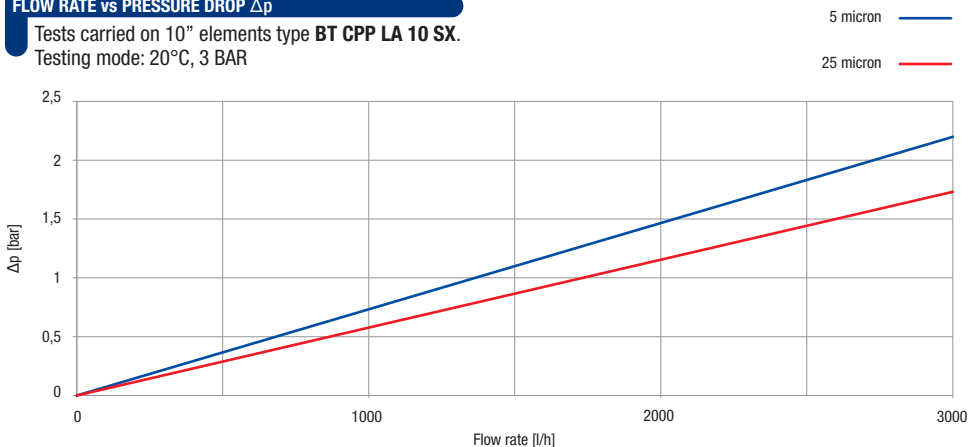
CERTIFICATIONS

In compliance with Italian regulation D.M. 174/2004

BT CPP LA cartridges are tested and certified under the most stringent procedures worldwide, achieving the certification of compliance with DM 174/2004.

FLOW RATE vs PRESSURE DROP Δp

Tests carried on 10" elements type BT CPP LA 10 SX.
 Testing mode: 20°C, 3 BAR



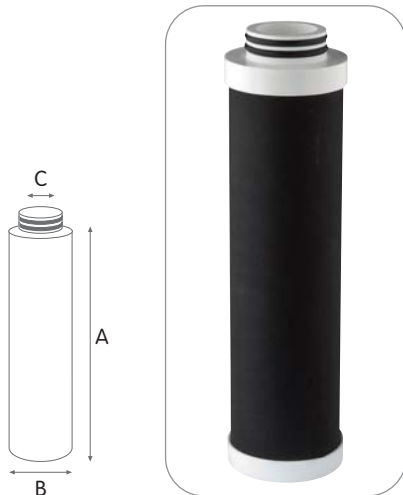
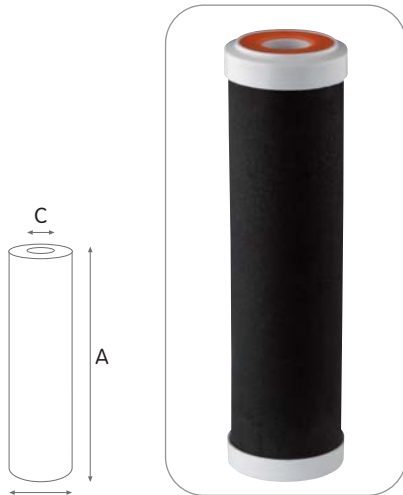


CA SE carbon block

Fine sediment filtration and reduction of: chlorine, taste, odour (CTO); volatile organic compounds (VOC); heavy metals (Pb models).

Average life-span: 3-6 months.

Maintenance: none.



CA-SE cartridges are available in a variety of:

CONFIGURATIONS:

- SX standard configuration double open end (DOE) available for every height and diameter.
- BX proprietary configuration with double o-ring collar 45 mm, suitable to PLUS 3P BX housings, DP housings, K PLUS 3P housings.

MODELS:

- CA-SE series from 4" to 10" OD 2.40" ID 1.10", SX, BX configurations.

Variants available on minimum quantity:

- CA-SE models 20".

CERTIFICATIONS

In compliance with
italian regulation
D.M. 174/2004

CA SE cartridges are tested and certified under the most stringent procedures worldwide, achieving the **certification of compliance with DM 174/2004**.

WORKING CONDITIONS

Max working temperature _____ 45°C (113°F)

SPECIFICATIONS

Non-toxic materials, suitable for drinking water.

Filter and treatment medium: sintered block of activated carbon powder.

End caps: polypropylene.

Flat seals SX: SEBS.

O-rings BX: EPDM.

Activated carbon block made from coconut shell, providing fine sediment filtration and reduction of chlorine, taste, odour (CTO) and volatile organic compounds (VOC). Silver impregnated models for bacteriostatic effect with filtration at 0.3 micron. PB models providing heavy metal reduction with filtration at 1 micron. Cartridges available from 4" to 10".

CA SE SX

CARBON BLOCK SILVER IMPREGNATED WITH DOUBLE OPEN END (DOE)

| CODE | MODEL | NOMINAL HEIGHT | NOMINAL FILTRATION MICRON | NOMINAL FLOW/RATE l/h | DIMENSIONS MM | | |
|----------------------------|---------------------|----------------|---------------------------|-----------------------|---------------|----|----|
| | | | | | A | B | C |
| OD 2,40" x ID 1,10" | | | | | | | |
| RE5371100 | CA 4 SE SX 0,3 mcr | 4" | 0,3 | 120 | 98 | 67 | 25 |
| RE5372300 | CA 5 SE SX 0,3 mcr | 5" | 0,3 | 150 | 124 | 67 | 25 |
| RE5374500 | CA 7 SE SX 0,3 mcr | 7" | 0,3 | 210 | 173 | 67 | 25 |
| RE5375615 | CA 10 SE SX 0,3 mcr | 10" | 0,3 | 300 | 248 | 67 | 25 |

CARBON BLOCK Pb WITH DOUBLE OPEN END (DOE)

| CODE | MODEL | NOMINAL HEIGHT | NOMINAL FILTRATION MICRON | NOMINAL FLOW/RATE l/h | DIMENSIONS MM | | |
|----------------------------|----------------------|----------------|---------------------------|-----------------------|---------------|----|----|
| | | | | | A | B | C |
| OD 2,40" x ID 1,10" | | | | | | | |
| RE5371105 | CA 4 SE Pb SX 1 mcr | 4" | 1 | 200 | 98 | 67 | 25 |
| RE5372105 | CA 5 SE Pb SX 1 mcr | 5" | 1 | 250 | 124 | 67 | 25 |
| RE5374105 | CA 7 SE Pb SX 1 mcr | 7" | 1 | 350 | 173 | 67 | 25 |
| RE5375105 | CA 10 SE Pb SX 1 mcr | 10" | 1 | 500 | 248 | 67 | 25 |

CA SE BX

CARBON BLOCK SILVER IMPREGNATED WITH DOUBLE O-RING COLLAR 45 MM

| CODE | MODEL | NOMINAL HEIGHT | NOMINAL FILTRATION MICRON | NOMINAL FLOW/RATE l/h | DIMENSIONS MM | | |
|----------------------------|---------------------|----------------|---------------------------|-----------------------|---------------|----|----|
| | | | | | A | B | C |
| OD 2,40" x ID 1,10" | | | | | | | |
| RE5372200 | CA 5 SE BX 0,3 mcr | 5" | 0,3 | 150 | 124 | 67 | 25 |
| RE5374200 | CA 7 SE BX 0,3 mcr | 7" | 0,3 | 210 | 173 | 67 | 25 |
| RE5375625 | CA 10 SE BX 0,3 mcr | 10" | 0,3 | 300 | 248 | 67 | 25 |

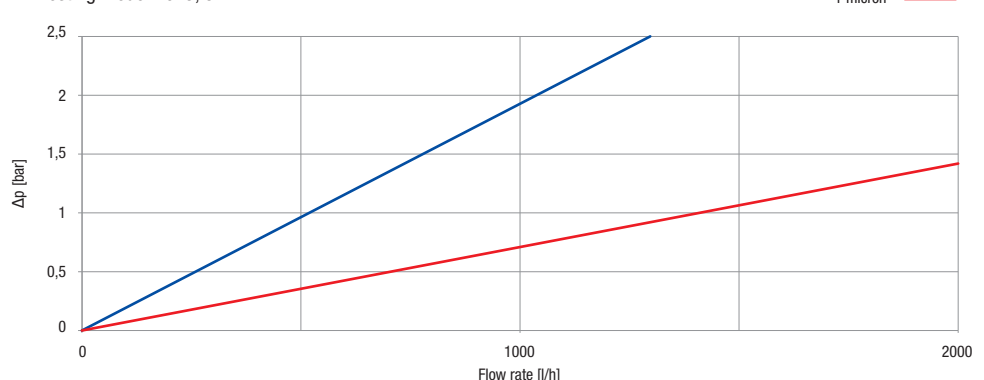
CARBON BLOCK Pb WITH DOUBLE O-RING COLLAR 45 MM

| CODE | MODEL | NOMINAL HEIGHT | NOMINAL FILTRATION MICRON | NOMINAL FLOW/RATE l/h | DIMENSIONS MM | | |
|----------------------------|----------------------|----------------|---------------------------|-----------------------|---------------|----|----|
| | | | | | A | B | C |
| OD 2,40" x ID 1,10" | | | | | | | |
| RE5372205 | CA 5 SE Pb BX 1 mcr | 5" | 1 | 250 | 124 | 67 | 25 |
| RE5374205 | CA 7 SE Pb BX 1 mcr | 7" | 1 | 350 | 173 | 67 | 25 |
| RE5375205 | CA 10 SE Pb BX 1 mcr | 10" | 1 | 500 | 248 | 67 | 25 |

FLOW RATE vs PRESSURE DROP Δp

Tests carried on 10" elements type **CA SE 10 SX**.

Testing mode: 20°C, 3 BAR





CA-SE HF carbon block and hollow-fibre membranes

Micro-filtration and Ultra-filtration of fine sediments, removal of microbes, reduction of: chlorine, taste, odour (CTO); volatile organic compounds (VOC); heavy metals (Pb models).
Average life-span: 3-6 months.
Maintenance: none.
Remark - Use a pre-filter to protect the cartridge.

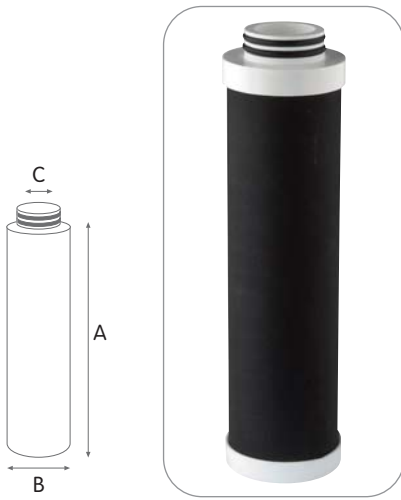
WORKING CONDITIONS

Max working temperature _____ 45°C (113°F)

SPECIFICATIONS

Non-toxic materials, suitable for drinking water.
Filter and treatment medium: sintered block of activated carbon powder.
Micro and Ultra-filtration membranes: polyethersulphone (PES), HF tube high impact polystyrene (HIPS).
End caps: polypropylene.
Flat seals SX: SEBS. O-rings BX: EPDM.

Activated carbon block made from coconut shell, providing fine sediment filtration and reduction of chlorine, taste, odour (CTO) and volatile organic compounds (VOC) provided with hollow-fibre membrane module for Micro-filtration at 0.15 micron or Ultra-filtration at 0.02 micron.
CE-SE-HF models at 0.15 micron remove the finest sediments and major part of harmful Bacteria (E. coli, Salmonella, V.cholerae, Legionella, Pseudomonas) and protozoan Cysts (Giardia, Cryptosporidium). CE-SE-HF U models at 0.02 micron remove Bacteria and Virus. All CA SE HF models are available with height 10".



CA-SE HF BX

CARBON BLOCK WITH HOLLOW FIBRES WITH DOUBLE O-RING COLLAR 45 MM

| CODE | MODEL | NOMINAL HEIGHT | NOMINAL FILTRATION MICRON | NOMINAL FLOW/RATE l/h | DIMENSIONS MM | | |
|----------------------------|---------------------------|----------------|---------------------------|-----------------------|---------------|----|----|
| | | | | | A | B | C |
| OD 2,40" x ID 1,10" | | | | | | | |
| RE5375530 | CA-SE 10 HF-U BX 0,02 mcr | 10" | 0,02 | 100 | 248 | 67 | 25 |
| RE5375520 | CA-SE 10 HF BX 0,15 mcr | 10" | 0,15 | 120 | 248 | 67 | 25 |

CA-SE HF Pb BX

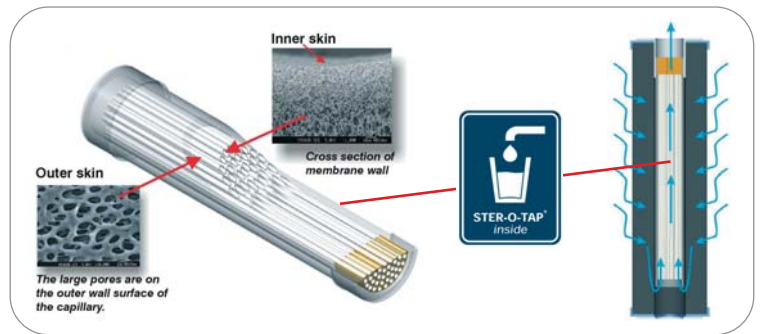
new!

CARBON BLOCK WITH HOLLOW FIBRES WITH DOUBLE O-RING COLLAR 45 MM

| CODE | MODEL | NOMINAL HEIGHT | NOMINAL FILTRATION MICRON | NOMINAL FLOW/RATE l/h | DIMENSIONS MM | | |
|----------------------------|------------------------------|----------------|---------------------------|-----------------------|---------------|----|----|
| | | | | | A | B | C |
| OD 2,40" x ID 1,10" | | | | | | | |
| RE5375550 | CA-SE 10 HF-U Pb BX 0,02 mcr | 10" | 0,02 | 100 | 248 | 67 | 25 |
| RE5375540 | CA-SE 10 HF Pb BX 0,15 mcr | 10" | 0,15 | 120 | 248 | 67 | 25 |



The inner "Ster-O-Tap®" element (NSF 42 and 53 listed) with "hollow-fibre" capillary membranes is made in 2 models to provide Micro-filtration at 0.15 micron (tested against Brevimundimonas (Pseudomonas) diminuta) or Ultra-filtration at 0.02 micron. The hollow fibre membranes element is designed to provide a very large contact surface, resulting in high water flow and low pressure drop at stated filter rates.



CA-SE HF cartridges are available in a variety of:

CONFIGURATIONS:

- SX standard configuration double open end (DOE) available for every height and diameter.
- BX proprietary configuration with double o-ring collar 45 mm, suitable to PLUS 3P BX housings, DP housings, K PLUS 3P housings.

MODELS:

- CA-SE HF series 10" to 10" OD 2.40" ID 1.10", SX, BX configurations.

Variants available on demand:

- CA-SE HF SX models 10".

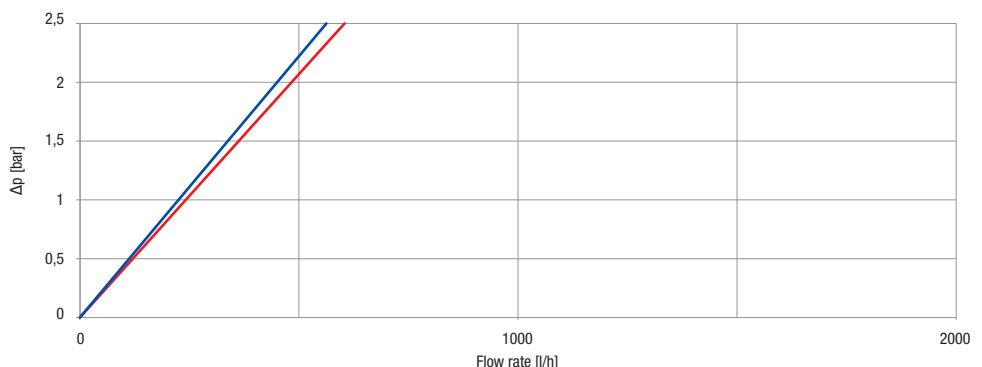
CERTIFICATIONS

**in compliance with
italian regulation
D.M. 174/2004**

CA-SE HF cartridges are tested and certified under the most stringent procedures worldwide, achieving the **certification of compliance with DM 174/2004.**

FLOW RATE vs PRESSURE DROP Δp

Tests carried on 10" elements type CA SE HF-U 10 SX.
Testing mode: 20°C, 3 BAR





CB-EC carbon block with outer protection sheet

Fine sediment filtration and reduction of: chlorine, taste, odour (CTO); volatile organic compounds (VOC); heavy metals (Pb models).
Average life-span: 3-6 months.
Maintenance: none.

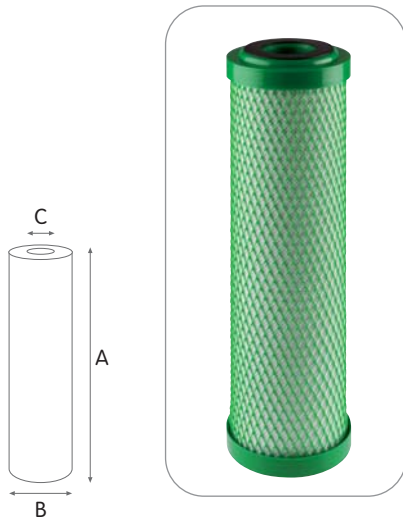
WORKING CONDITIONS

Max working temperature _____ 45°C (113°F)

SPECIFICATIONS

Non-toxic materials, suitable for drinking water.
 Filter medium: sintered block made from coconut shell activated carbon powder.
 End caps, netting and outer protection sheet: polypropylene.
 Flat seals: NBR.

CB-EC are carbon block cartridges "environmentally friendly" manufactured, made with a proprietary technology reducing green-house gas emission in activated carbon production. Activated carbon block made from coconut shell, providing fine sediment filtration and reduction of chlorine, taste, odour (CTO), volatile organic compounds (VOC), heavy metal reduction (Pb) and filtration of protozoan (Giardia, Cryptosporidium) Cyst. CB-EC Cartridges are available from 5" to 20".



CB-EC SX

CARBON BLOCK CYST WITH DOUBLE OPEN END (DOE)

| CODE | MODEL | NOMINAL HEIGHT | NOMINAL FILTRATION MICRON | NOMINAL FLOW/RATE l/h | DIMENSIONS MM | | |
|----------------------------|------------------------|----------------|---------------------------|-----------------------|---------------|----|----|
| | | | | | A | B | C |
| OD 2,40" x ID 1,10" | | | | | | | |
| RE5392106 | CB-EC CYST 5 SX 1 mcr | 5" | 1 | 110 | 124 | 70 | 26 |
| RE5394106 | CB-EC CYST 7 SX 1 mcr | 7" | 1 | 160 | 173 | 70 | 26 |
| RE5395106 | CB-EC CYST 10 SX 1 mcr | 10" | 1 | 230 | 248 | 70 | 26 |
| RE5397106 | CB-EC CYST 20 SX 1 mcr | 20" | 1 | 450 | 504 | 70 | 26 |

CARBON BLOCK BP WITH DOUBLE OPEN END (DOE)

| CODE | MODEL | NOMINAL HEIGHT | NOMINAL FILTRATION MICRON | NOMINAL FLOW/RATE l/h | DIMENSIONS MM | | |
|----------------------------|----------------------|----------------|---------------------------|-----------------------|---------------|----|----|
| | | | | | A | B | C |
| OD 2,40" x ID 1,10" | | | | | | | |
| RE5392306 | CB-EC Pb 5 SX 1 mcr | 5" | 1 | 110 | 124 | 70 | 26 |
| RE5394306 | CB-EC Pb 7 SX 1 mcr | 7" | 1 | 160 | 173 | 70 | 26 |
| RE5395306 | CB-EC Pb 10 SX 1 mcr | 10" | 1 | 230 | 248 | 70 | 26 |
| RE5397306 | CB-EC Pb 20 SX 1 mcr | 20" | 1 | 450 | 504 | 70 | 26 |

CARBON BLOCK VOC WITH DOUBLE OPEN END (DOE)

| CODE | MODEL | NOMINAL HEIGHT | NOMINAL FILTRATION MICRON | NOMINAL FLOW/RATE l/h | DIMENSIONS MM | | |
|----------------------------|-----------------------|----------------|---------------------------|-----------------------|---------------|----|----|
| | | | | | A | B | C |
| OD 2,40" x ID 1,10" | | | | | | | |
| RE5392108 | CB-EC VOC 5 SX 5 mcr | 5" | 5 | 110 | 124 | 70 | 26 |
| RE5394108 | CB-EC VOC 7 SX 5 mcr | 7" | 5 | 160 | 173 | 70 | 26 |
| RE5395108 | CB-EC VOC 10 SX 5 mcr | 10" | 5 | 230 | 248 | 70 | 26 |
| RE5397108 | CB-EC VOC 20 SX 5 mcr | 20" | 5 | 450 | 504 | 70 | 26 |

CARBON BLOCK CTO WITH DOUBLE OPEN END (DOE)

| CODE | MODEL | NOMINAL HEIGHT | NOMINAL FILTRATION MICRON | NOMINAL FLOW/RATE l/h | DIMENSIONS MM | | |
|----------------------------|------------------------|----------------|---------------------------|-----------------------|---------------|----|----|
| | | | | | A | B | C |
| OD 2,40" x ID 1,10" | | | | | | | |
| RE5392109 | CB-EC CTO 5 SX 10 mcr | 5" | 10 | 110 | 124 | 70 | 26 |
| RE5394109 | CB-EC CTO 7 SX 10 mcr | 7" | 10 | 160 | 173 | 70 | 26 |
| RE5395109 | CB-EC CTO 10 SX 10 mcr | 10" | 10 | 230 | 248 | 70 | 26 |
| RE5397109 | CB-EC CTO 20 SX 10 mcr | 20" | 10 | 450 | 504 | 70 | 26 |

CB-EC cartridges are available in a variety of:

CONFIGURATIONS:

- SX standard configuration double open end (DOE) available for every height and diameter.

MODELS:

- CB-EC series from 5" to 20" OD 2.40" ID 1.10" SX configuration.
- CB-EC BIG series 10" and 20" OD 4.25" ID 1.10" SX configuration.

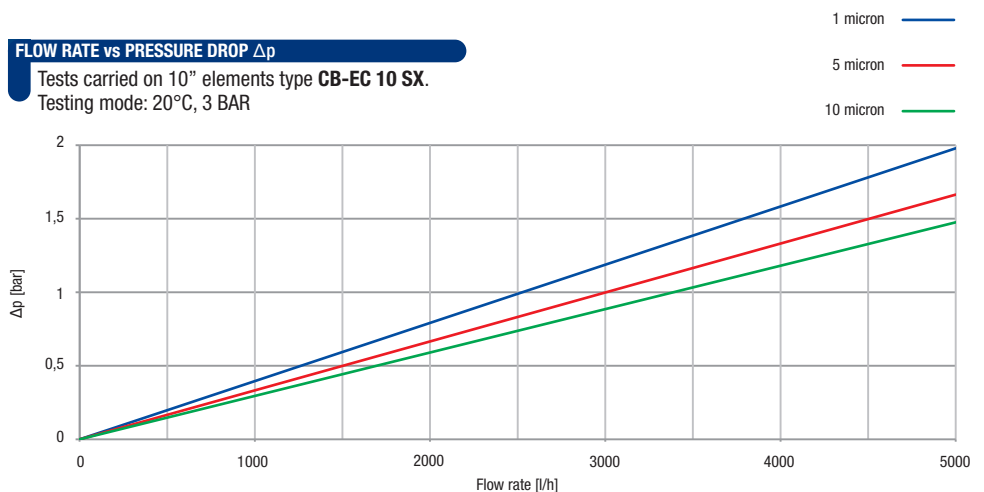
CERTIFICATIONS

In compliance with Italian regulation D.M. 174/2004

CB-EC cartridges are tested and certified under the most stringent procedures worldwide, achieving the certification of compliance with DM 174/2004.

FLOW RATE vs PRESSURE DROP Δp

Tests carried on 10" elements type **CB-EC 10 SX**.
 Testing mode: 20°C, 3 BAR



Fine sediment filtration and reduction of: chlorine, taste, odour (CTO); volatile organic compounds (VOC); heavy metals (Pb models).
Average life-span: 3-6 months.
Maintenance: none.

WORKING CONDITIONS

Max working temperature _____ 45°C (113°F)

SPECIFICATIONS

Non-toxic materials, suitable for drinking water.
 Filter medium: sintered block made from coconut shell activated carbon powder.
 End caps, netting and outer protection sheet: polypropylene.
 Flat seals: NBR.

CB-EC BIG SX

CARBON BLOCK CYST WITH DOUBLE OPEN END (DOE)

| CODE | MODEL | NOMINAL HEIGHT | NOMINAL FILTRATION MICRON | NOMINAL FLOW/RATE l/h | DIMENSIONS MM | | |
|----------------------------|-------------------------|----------------|---------------------------|-----------------------|---------------|-----|----|
| | | | | | A | B | C |
| OD 4,25" x ID 1,10" | | | | | | | |
| RE5395506 | CB-EC CYST 10 BIG 1 mcr | 10" | 1 | 680 | 250 | 114 | 26 |
| RE5397506 | CB-EC CYST 20 BIG 1 mcr | 20" | 1 | 1600 | 508 | 114 | 26 |

CARBON BLOCK BP WITH DOUBLE OPEN END (DOE)

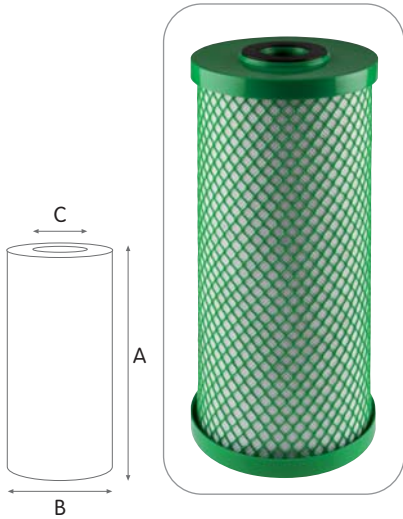
| CODE | MODEL | NOMINAL HEIGHT | NOMINAL FILTRATION MICRON | NOMINAL FLOW/RATE l/h | DIMENSIONS MM | | |
|----------------------------|--------------------------|----------------|---------------------------|-----------------------|---------------|-----|----|
| | | | | | A | B | C |
| OD 4,25" x ID 1,10" | | | | | | | |
| RE5395606 | CB-EC Pb 10 BIG SX 1 mcr | 10" | 1 | 680 | 250 | 114 | 26 |
| RE5397606 | CB-EC Pb 20 BIG SX 1 mcr | 20" | 1 | 1600 | 508 | 114 | 26 |

CARBON BLOCK VOC WITH DOUBLE OPEN END (DOE)

| CODE | MODEL | NOMINAL HEIGHT | NOMINAL FILTRATION MICRON | NOMINAL FLOW/RATE l/h | DIMENSIONS MM | | |
|----------------------------|------------------------|----------------|---------------------------|-----------------------|---------------|-----|----|
| | | | | | A | B | C |
| OD 4,25" x ID 1,10" | | | | | | | |
| RE5395508 | CB-EC VOC 10 BIG 5 mcr | 10" | 5 | 680 | 250 | 114 | 26 |
| RE5397508 | CB-EC VOC 20 BIG 5 mcr | 20" | 5 | 1600 | 508 | 114 | 26 |

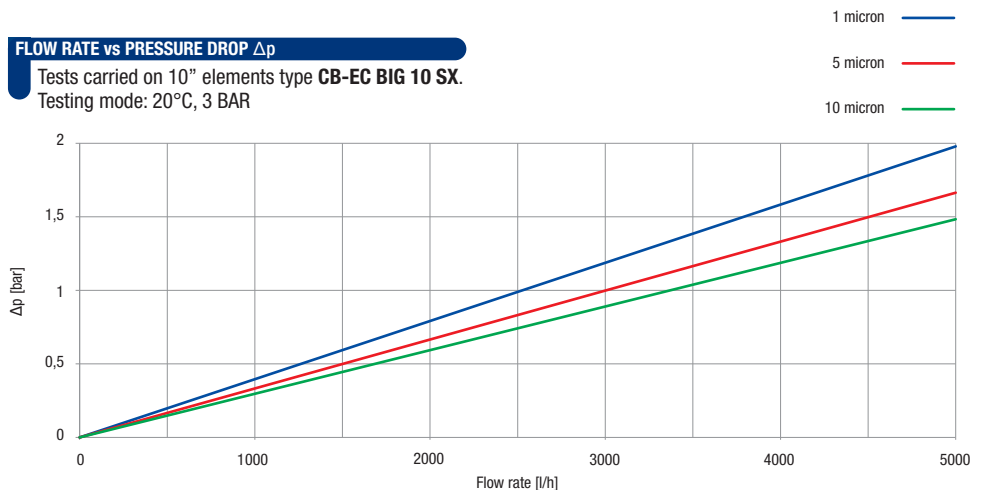
CARBON BLOCK CTO WITH DOUBLE OPEN END (DOE)

| CODE | MODEL | NOMINAL HEIGHT | NOMINAL FILTRATION MICRON | NOMINAL FLOW/RATE l/h | DIMENSIONS MM | | |
|----------------------------|-------------------------|----------------|---------------------------|-----------------------|---------------|-----|----|
| | | | | | A | B | C |
| OD 4,25" x ID 1,10" | | | | | | | |
| RE5395509 | CB-EC CTO 10 BIG 10 mcr | 10" | 10 | 680 | 250 | 114 | 26 |
| RE5397509 | CB-EC CTO 20 BIG 10 mcr | 20" | 10 | 1600 | 508 | 114 | 26 |



FLOW RATE vs PRESSURE DROP Δp

Tests carried on 10" elements type **CB-EC BIG 10 SX**.
 Testing mode: 20°C, 3 BAR





HA polyphosphate crystals

Anti-scale and anti-corrosion conditioning.
Max life-span: 6 months.
Maintenance: none.
Remark - Use a pre-filter to protect the cartridge.

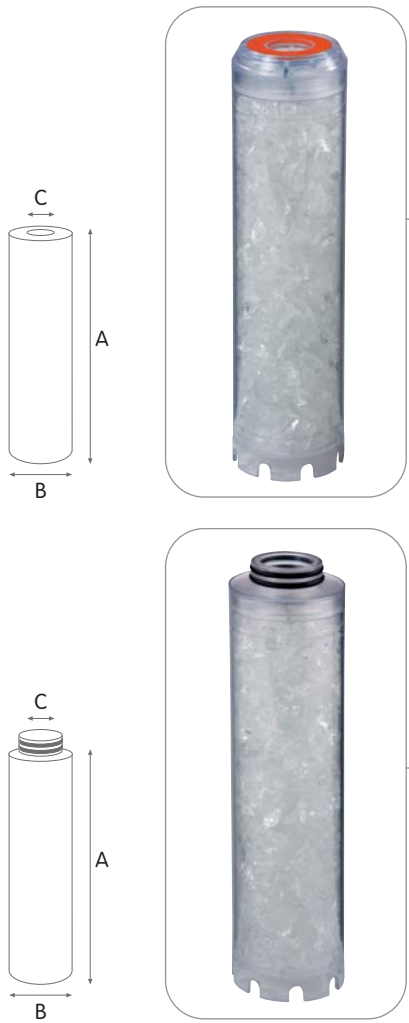
WORKING CONDITIONS

Max working temperature _____35°C (95°F)
 Max total hardness _____50°f (500 ppm CaCO₃)
Remark - the treated water can be heated up to 75°C - 80°C, above that temperature the polyphosphate loses gradually its effectiveness.

SPECIFICATIONS

Non-toxic materials, suitable for drinking water.
 Container, end cap and grid: polystyrene.
 Flat seal SX: SEBS.
 O-rings BX: EPDM.
 Treatment material: polyphosphate crystals

Plastic container filled with polyphosphate crystals for anti-scale water conditioning providing prevention form scale deposit and calcareous incrustation and protection from corrosion for water heaters, washing machines, pipes. The use in combination with Atlas Filtri proportional dosing systems DOSAPROP comply with EU Directive 98/83/CE for the use in drinking water. The use with non-proportional dosing systems DOSAFOS is recommended for non-drinking purposes only. HA cartridges are available with height from 5" to 20".



HA SX

POLIPHOSPHATE CARTRIDGES WITH DOUBLE OPEN END (DOE)

| CODE | MODEL | NOMINAL HEIGHT | NOMINAL FLOW/RATE l/h | DIMENSIONS MM | | |
|----------------------------|--------------|----------------|-----------------------|---------------|----|----|
| | | | | A | B | C |
| OD 1,77" x ID 0,71" | | | | | | |
| RA5190125 | HA MIGNON SX | 5" M | 500 | 125 | 50 | 21 |
| OD 2,40" x ID 1,10" | | | | | | |
| RA5192125 | HA 5 SX TS | 5" | 800 | 128 | 70 | 28 |
| RA5194125 | HA 7 SX TS | 7" | 1000 | 176 | 70 | 28 |
| RA5195125 | HA 10 SX TS | 10" | 1500 | 252 | 70 | 28 |
| RA5197125 | HA 20 SX TS | 20" | 1800 | 510 | 70 | 28 |

HA BX

POLIPHOSPHATE CARTRIDGES WITH DOUBLE O RING COLLAR 45 MM

| CODE | MODEL | NOMINAL HEIGHT | NOMINAL FLOW/RATE l/h | DIMENSIONS MM | | |
|----------------------------|----------|----------------|-----------------------|---------------|----|----|
| | | | | A | B | C |
| OD 2,40" x ID 1,10" | | | | | | |
| RA5192225 | HA 5 BX | 5" | 800 | 127 | 70 | 25 |
| RA5194225 | HA 7 BX | 7" | 1000 | 183 | 70 | 25 |
| RA5195225 | HA 10 BX | 10" | 1500 | 252 | 70 | 25 |
| RA5197225 | HA 20 BX | 20" | 1800 | 510 | 70 | 25 |

HA cartridges are available in a variety of:

CONFIGURATIONS:

- SX standard configuration double open end (DOE) available for every height and diameter.
- BX proprietary configuration with double o-ring collar 45 mm, suitable to PLUS 3P BX housings, DP housings, K PLUS 3P housings.

MODELS:

- HA MIGNON series 5"M OD 1.77" ID 0.71, SX configuration.
- HA series from 5" to 20" OD 2.40" ID 1.10", SX, BX configurations.

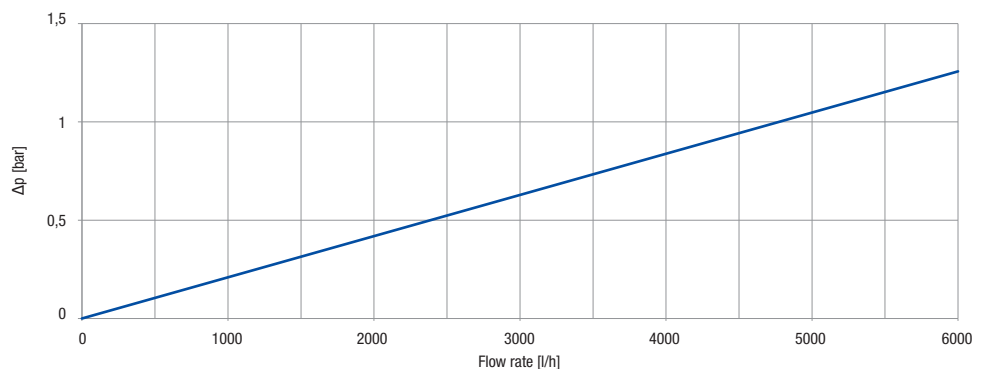
CERTIFICATIONS

In compliance with Italian regulation D.M. 174/2004

HA cartridges are tested and certified under the most stringent procedures worldwide, achieving the certification of compliance with DM 174/2004.

FLOW RATE vs PRESSURE DROP Δp

Tests carried on 10" elements type HA 10 SX.
 Testing mode: 20°C, 3 BAR





BT CPP HA melt-blown polypropylene and polyphosphate crystals

Sediment filtration, anti-scale and anti-corrosion conditioning.
Max life-span: 6 months.
Maintenance: none.

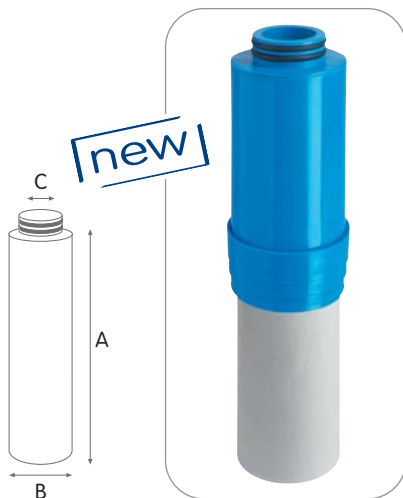
WORKING CONDITIONS

Max working temperature _____ 35°C (95°F)
Max total hardness _____ 50°f (500 ppm CaCO₃)
Remark - the treated water can be heated up to 75°C - 80°C, above that temperature the polyphosphate loses gradually its effectiveness.

SPECIFICATIONS

Non-toxic materials, suitable for drinking water.
Filter medium: polypropylene.
Container, end cap and grid: polystyrene.
Flat seal SX: SEBS. O-rings BX: EPDM.
Treatment material: polyphosphate crystals

Cartridges combining a pre-filter element made from melt-blown polypropylene and a plastic container filled with polyphosphate crystals for anti-scale water conditioning providing fine sediment pre-filtration at 5, 10, 25 and 50 micron and high contact time of the water through the whole polyphosphate bed for the prevention from scale deposit and calcareous incrustation and protection from corrosion for water heaters, washing machines, pipes. BT CPP HA cartridges are available with height 10" and 20".



BT CPP HA SX

MELT BLOWN AND POLIPHOSPHATE CARTRIDGES WITH DOUBLE OPEN END (DOE)

| CODE | MODEL | NOMINAL HEIGHT | NOMINAL FILTRATION MICRON | NOMINAL FLOW/RATE l/h | DIMENSIONS MM | | |
|----------------------------|---------------------------|----------------|---------------------------|-----------------------|---------------|----|----|
| | | | | | A | B | C |
| OD 2,40" x ID 1,10" | | | | | | | |
| RA5795308 | BT CPP HA 10 SX AB 5 mcr | 10" | 5 | 1000 | 252 | 72 | 28 |
| RA5795311 | BT CPP HA 10 SX AB 25 mcr | 10" | 25 | 1000 | 252 | 72 | 28 |
| RA5797308 | BT CPP HA 20 SX AB 5 mcr | 20" | 5 | 1500 | 510 | 72 | 28 |
| RA5797311 | BT CPP HA 20 SX AB 25 mcr | 20" | 25 | 1500 | 510 | 72 | 28 |

BT CPP HA BX

MELT BLOWN AND POLIPHOSPHATE CARTRIDGES WITH DOUBLE O RING COLLAR 45 MM

| CODE | MODEL | NOMINAL HEIGHT | NOMINAL FILTRATION MICRON | NOMINAL FLOW/RATE l/h | DIMENSIONS MM | | |
|----------------------------|---------------------------|----------------|---------------------------|-----------------------|---------------|----|----|
| | | | | | A | B | C |
| OD 2,40" x ID 1,10" | | | | | | | |
| RA5795318 | BT CPP HA 10 BX AB 5 mcr | 10" | 5 | 1000 | 252 | 72 | 25 |
| RA5795321 | BT CPP HA 10 BX AB 25 mcr | 10" | 25 | 1000 | 252 | 72 | 25 |
| RA5797318 | BT CPP HA 20 BX AB 5 mcr | 20" | 5 | 1500 | 510 | 72 | 25 |
| RA5797321 | BT CPP HA 20 BX AB 25 mcr | 20" | 25 | 1500 | 510 | 72 | 25 |

BT CPP HA cartridges are available in a variety of:

CONFIGURATIONS:

- SX standard configuration double open end (DOE) available for every height and diameter.
- BX proprietary configuration with double o-ring collar 45 mm, suitable to PLUS 3P BX housings, DP housings, K PLUS 3P housings.

MODELS:

- BT CPP HA series 10" and 20" OD 2.40" ID 1.10", SX, BX configurations.

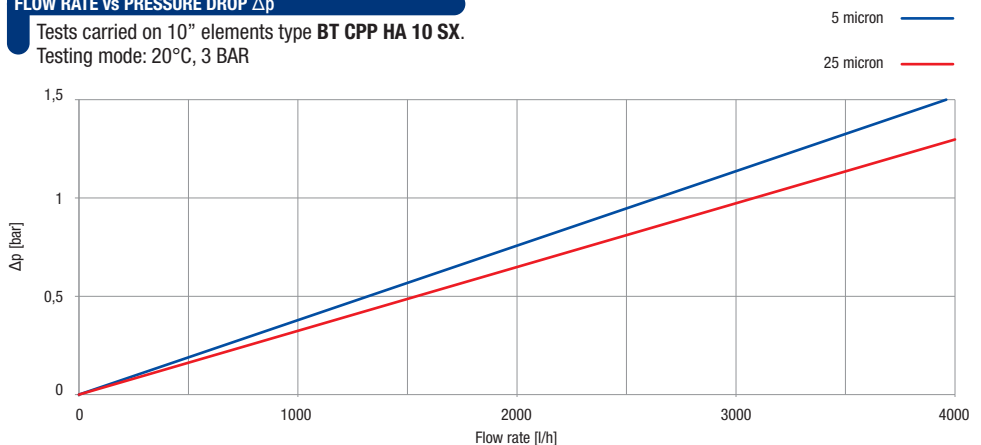
CERTIFICATIONS

**in compliance with
italian regulation
D.M. 174/2004**

BT CPP HA cartridges are tested and certified under the most stringent procedures worldwide, achieving the **certification of compliance with DM 174/2004.**

FLOW RATE vs PRESSURE DROP Δp

Tests carried on 10" elements type **BT CPP HA 10 SX**.
Testing mode: 20°C, 3 BAR



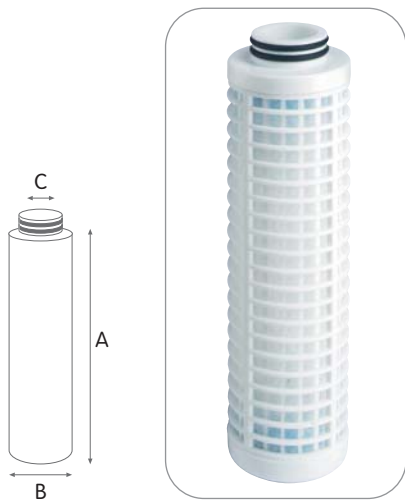
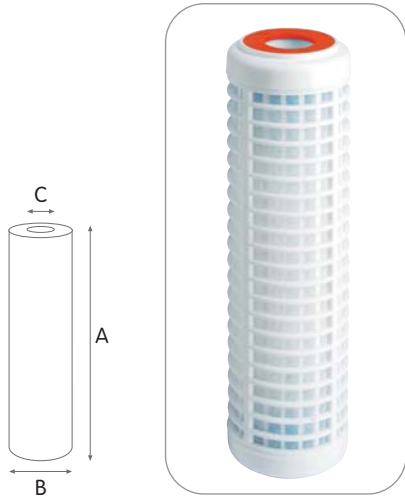


BT RL HA polyester washable net and polyphosphate crystals

Sediment filtration, anti-scale and anti-corrosion conditioning.

Max life-span: 6 months.

Maintenance: wash the net every month at least.



BT RL HA cartridges are available in a variety of:

CONFIGURATIONS:

- SX standard configuration double open end (DOE) available for every height and diameter.
- BX proprietary configuration with double o-ring collar 45 mm, suitable to PLUS 3P BX housings, DP housings, K PLUS 3P housings.

MODELS:

- BT RL HA MIGNON series 5" M OD 1.77" ID 0.71, SX configuration.
- BT RL HA series 10" and 20" OD 2.40" ID 1.10", SX, BX configurations.

Vatiant available on demand by minimum quantity:

- BT RL HA-C washable net filter with reduced outer frame for easier cleaning operations.
- BT RLA HA washable stainless steel net filter.

CERTIFICATIONS

In compliance with
italian regulation
D.M. 174/2004

BT RL HA cartridges are tested and certified under the most stringent procedures worldwide, achieving the **certification of compliance with DM 174/2004**.

WORKING CONDITIONS

Max working temperature _____ 35°C (95°F)

Max total hardness _____ 50°f (500 ppm CaCO₃)

Remark - the treated water can be heated up to 75°C - 80°C, above that temperature the polyphosphate loses gradually its effectiveness.

SPECIFICATIONS

Non-toxic materials, suitable for drinking water.

Filter medium: polyester net.

Armouring and end caps: polypropylene.

Flat seals SX: SEBS. O-rings BX: EPDM.

Treatment material: polyphosphate crystals.

Cartridges combining a pre-filter element made with a washable net filter filled polyphosphate crystals, designed to provide sediment filtration at 50 micron and anti-scale water conditioning, prevention from scale deposit, calcareous incrustation and protection from corrosion for water heaters, washing machines, pipes. BT RL HA cartridges are available with height 10" and 20".

BT RL HA SX

POLYESTER NET AND POLIPHOSPHATE CARTRIDGES WITH DOUBLE OPEN END (DOE)

| CODE | MODEL | NOMINAL HEIGHT | NOMINAL FILTRATION MICRON | NOMINAL FLOW/RATE l/h | DIMENSIONS MM | | |
|----------------------------|---------------------------|----------------|---------------------------|-----------------------|---------------|----|----|
| | | | | | A | B | C |
| OD 1,77" x ID 0,71" | | | | | | | |
| RA5890114 | BT RL MIGNON HA SX 50 mcr | 5" M | 50 | 500 | 122 | 50 | 20 |
| OD 2,40" x ID 1,10" | | | | | | | |
| RA5892114 | BT RL 5 HA SX 50 mcr | 5" | 50 | 800 | 125 | 70 | 30 |
| RA5894114 | BT RL 7 HA SX 50 mcr | 7" | 50 | 1000 | 173 | 70 | 30 |
| RA5895114 | BT RL 10 HA SX 50 mcr | 10" | 50 | 1500 | 250 | 70 | 30 |
| RA5897114 | BT RL 20 HA SX 50 mcr | 20" | 50 | 1800 | 505 | 70 | 30 |

BT RL HA BX

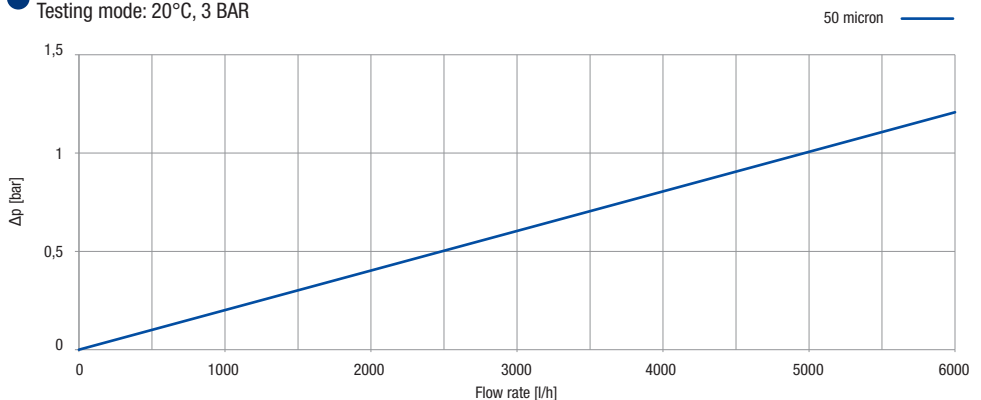
POLYESTER NET AND POLIPHOSPHATE CARTRIDGES WITH DOUBLE O RING COLLAR 45 MM

| CODE | MODEL | NOMINAL HEIGHT | NOMINAL FILTRATION MICRON | NOMINAL FLOW/RATE l/h | DIMENSIONS MM | | |
|----------------------------|-----------------------|----------------|---------------------------|-----------------------|---------------|----|----|
| | | | | | A | B | C |
| OD 2,40" x ID 1,10" | | | | | | | |
| RA5892214 | BT RL 5 HA BX 50 mcr | 5" | 50 | 800 | 125 | 70 | 30 |
| RA5894214 | BT RL 7 HA BX 50 mcr | 7" | 50 | 1000 | 173 | 70 | 30 |
| RA5895214 | BT RL 10 HA BX 50 mcr | 10" | 50 | 1500 | 250 | 70 | 30 |
| RA5897214 | BT RL 20 HA BX 50 mcr | 20" | 50 | 1800 | 505 | 70 | 30 |

FLOW RATE vs PRESSURE DROP Δp

Tests carried on 10" elements type **BT RL HA 10 SX**.

Testing mode: 20°C, 3 BAR





FA HA wound polypropylene thread and polyphosphate crystals

Sediment filtration, anti-scale and anti-corrosion conditioning.
Max life-span: 6 months.
Maintenance: none.

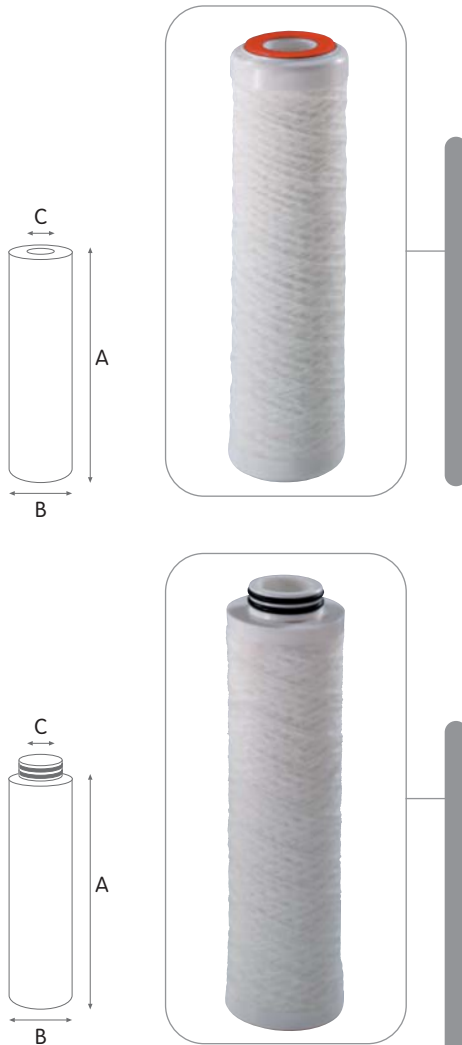
WORKING CONDITIONS

Max working temperature _____ 35°C (95°F)
Max total hardness _____ 50°F (500 ppm CaCO₃)
Remark - the treated water can be heated up to 75°C - 80°C, above that temperature the polyphosphate loses gradually its effectiveness.

SPECIFICATIONS

Non-toxic materials, suitable for drinking water.
Filter medium: polypropylene.
Container, end cap and grid: polypropylene.
Flat seals SX: SEBS. O-rings BX: EPDM.
Treatment material: polyphosphate crystals.

Wound polypropylene filter cartridge filled with polyphosphate crystals, providing pre-filtration at 5, 10, 25, 50 and 100 micron and anti-scale water conditioning, prevention from scale deposit, calcareous incrustation and protection from corrosion for water heaters, washing machines, pipes. FA HA cartridges are available with height from 5" to 10".



FA HA SX

WOUND POLYPROPYLENE THREAD AND POLIPHOSPHATE CARTRIDGES WITH DOUBLE OPEN END (DOE)

| CODE | MODEL | NOMINAL HEIGHT | NOMINAL FILTRATION MICRON | NOMINAL FLOW/RATE l/h | DIMENSIONS MM | | |
|----------------------------|---------------------|----------------|---------------------------|-----------------------|---------------|----|----|
| | | | | | A | B | C |
| OD 2,40" x ID 1,10" | | | | | | | |
| RA5662108 | FA 5 HA SX 5 mcr | 5" | 5 | 700 | 125 | 70 | 30 |
| RA5662109 | FA 5 HA SX 10 mcr | 5" | 10 | 700 | 125 | 70 | 30 |
| RA5662111 | FA 5 HA SX 25 mcr | 5" | 25 | 700 | 125 | 70 | 30 |
| RA5662114 | FA 5 HA SX 50 mcr | 5" | 50 | 700 | 125 | 70 | 30 |
| RA5662119 | FA 5 HA SX 100 mcr | 5" | 100 | 700 | 125 | 70 | 30 |
| RA5664108 | FA 7 HA SX 5 mcr | 7" | 5 | 900 | 173 | 70 | 30 |
| RA5664109 | FA 7 HA SX 10 mcr | 7" | 10 | 900 | 173 | 70 | 30 |
| RA5664111 | FA 7 HA SX 25 mcr | 7" | 25 | 900 | 173 | 70 | 30 |
| RA5664114 | FA 7 HA SX 50 mcr | 7" | 50 | 900 | 173 | 70 | 30 |
| RA5664119 | FA 7 HA SX 100 mcr | 7" | 100 | 900 | 173 | 70 | 30 |
| RA5665108 | FA 10 HA SX 5 mcr | 10" | 5 | 1300 | 250 | 70 | 30 |
| RA5665109 | FA 10 HA SX 10 mcr | 10" | 10 | 1300 | 250 | 70 | 30 |
| RA5665111 | FA 10 HA SX 25 mcr | 10" | 25 | 1300 | 250 | 70 | 30 |
| RA5665114 | FA 10 HA SX 50 mcr | 10" | 50 | 1300 | 250 | 70 | 30 |
| RA5665119 | FA 10 HA SX 100 mcr | 10" | 100 | 1300 | 250 | 70 | 30 |

FA HA BX

WOUND POLYPROPYLENE THREAD AND POLIPHOSPHATE CARTRIDGES WITH DOUBLE O RING COLLAR 45 MM

| CODE | MODEL | NOMINAL HEIGHT | NOMINAL FILTRATION MICRON | NOMINAL FLOW/RATE l/h | DIMENSIONS MM | | |
|----------------------------|---------------------|----------------|---------------------------|-----------------------|---------------|----|----|
| | | | | | A | B | C |
| OD 2,40" x ID 1,10" | | | | | | | |
| RA5662208 | FA 5 HA BX 5 mcr | 5" | 5 | 700 | 125 | 70 | 30 |
| RA5662209 | FA 5 HA BX 10 mcr | 5" | 10 | 700 | 125 | 70 | 30 |
| RA5662211 | FA 5 HA BX 25 mcr | 5" | 25 | 700 | 125 | 70 | 30 |
| RA5662214 | FA 5 HA BX 50 mcr | 5" | 50 | 700 | 125 | 70 | 30 |
| RA5662219 | FA 5 HA BX 100 mcr | 5" | 100 | 700 | 125 | 70 | 30 |
| RA5664208 | FA 7 HA BX 5 mcr | 7" | 5 | 900 | 173 | 70 | 30 |
| RA5664209 | FA 7 HA BX 10 mcr | 7" | 10 | 900 | 173 | 70 | 30 |
| RA5664211 | FA 7 HA BX 25 mcr | 7" | 25 | 900 | 173 | 70 | 30 |
| RA5664214 | FA 7 HA BX 50 mcr | 7" | 50 | 900 | 173 | 70 | 30 |
| RA5664219 | FA 7 HA BX 100 mcr | 7" | 100 | 900 | 173 | 70 | 30 |
| RA5665208 | FA 10 HA BX 5 mcr | 10" | 5 | 1300 | 250 | 70 | 30 |
| RA5665209 | FA 10 HA BX 10 mcr | 10" | 10 | 1300 | 250 | 70 | 30 |
| RA5665211 | FA 10 HA BX 25 mcr | 10" | 25 | 1300 | 250 | 70 | 30 |
| RA5665214 | FA 10 HA BX 50 mcr | 10" | 50 | 1300 | 250 | 70 | 30 |
| RA5665219 | FA 10 HA BX 100 mcr | 10" | 100 | 1300 | 250 | 70 | 30 |

A HA cartridges are available in a variety of:

CONFIGURATIONS:

- SX standard configuration double open end (DOE) available for every height and diameter.
- BX proprietary configuration with double o-ring collar 45 mm, suitable to PLUS 3P BX housings, DP housings, K PLUS 3P housings.

MODELS:

- FA HA series from 5" to 10" OD 2.40" ID 1.10", SX, BX configurations.

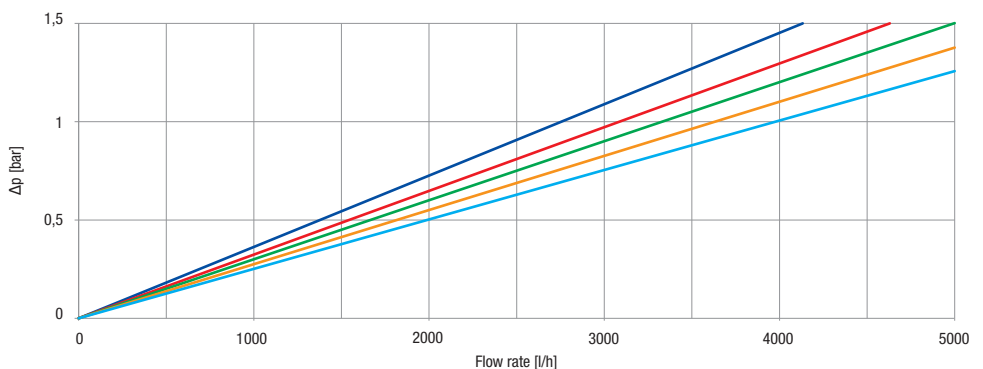
CERTIFICATIONS

**in compliance with
italian regulation
D.M. 174/2004**

FA HA cartridges are tested and certified under the most stringent procedures worldwide, achieving the **certification of compliance with DM 174/2004**.

FLOW RATE vs PRESSURE DROP Δp

Tests carried on 10" elements type **FA HA 10 SX**.
Testing mode: 20°C, 3 BAR





CPP HA melt-blown polypropylene and polyphosphate crystals

Sediment filtration, anti-scale and anti-corrosion conditioning.

Max life-span: 6 months.

Maintenance: none.

WORKING CONDITIONS

Max working temperature _____ 35°C (95°F)

Max total hardness _____ 50°f (500 ppm CaCO₃)

Remark - the treated water can be heated up to 75°C - 80°C, above that temperature the polyphosphate loses gradually its effectiveness.

SPECIFICATIONS

Non-toxic materials, suitable for drinking water.

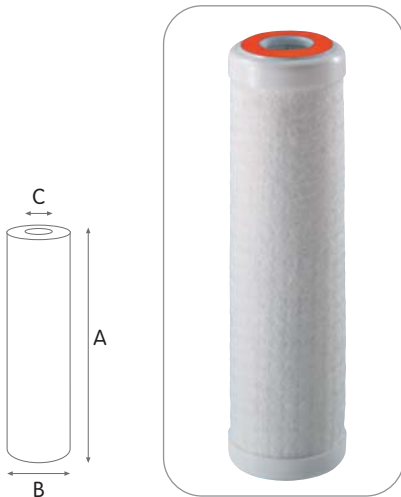
Filter medium: polypropylene.

End caps: polypropylene.

Flat seals SX: SEBS. O-rings BX: EPDM.

Treatment material: polyphosphate crystals.

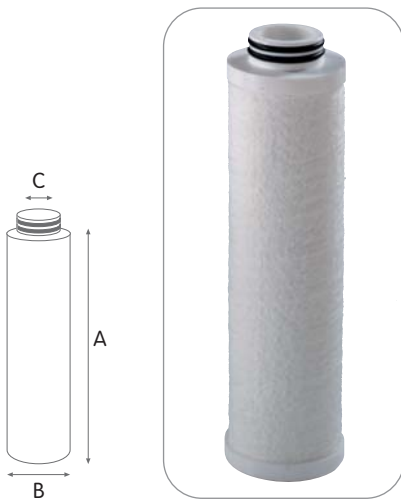
Melt-blown polypropylene filter cartridge filled with polyphosphate crystals for anti-scale water conditioning providing pre-filtration at 25 micron and prevention form scale deposit and calcareous incrustation and protection from corrosion for water heaters, washing machines, pipes. CPP HA cartridges are available with height from 5"M, 10" and 20".



CPP HA SX

MELT BLOWN AND POLIPHOSPHATE CARTRIDGES WITH DOUBLE OPEN END (DOE)

| CODE | MODEL | NOMINAL HEIGHT | NOMINAL FILTRATION MICRON | NOMINAL FLOW/RATE l/h | DIMENSIONS MM | | |
|----------------------------|-------------------------|----------------|---------------------------|-----------------------|---------------|----|----|
| | | | | | A | B | C |
| OD 1,77" x ID 0,71" | | | | | | | |
| RA5700008 | CPP HA MIGNON SX 5 mcr | 5" M | 5 | 500 | 122 | 50 | 20 |
| RA5700011 | CPP HA MIGNON SX 25 mcr | 5" M | 25 | 500 | 122 | 50 | 20 |
| OD 2,40" x ID 1,10" | | | | | | | |
| RA5795108 | CPP HA 10 SX 5 mcr | 10" | 5 | 1300 | 250 | 70 | 25 |
| RA5795111 | CPP HA 10 SX 25 mcr | 10" | 25 | 1300 | 250 | 70 | 25 |
| RA5797108 | CPP HA 20 SX 5 mcr | 20" | 5 | 1600 | 505 | 70 | 25 |
| RA5797111 | CPP HA 20 SX 25 mcr | 20" | 25 | 1600 | 505 | 70 | 25 |



CPP HA BX

MELT BLOWN AND POLIPHOSPHATE CARTRIDGES WITH DOUBLE O RING COLLAR 45 MM

| CODE | MODEL | NOMINAL HEIGHT | NOMINAL FILTRATION MICRON | NOMINAL FLOW/RATE l/h | DIMENSIONS MM | | |
|----------------------------|---------------------|----------------|---------------------------|-----------------------|---------------|----|----|
| | | | | | A | B | C |
| OD 2,40" x ID 1,10" | | | | | | | |
| RA5795208 | CPP HA 10 BX 5 mcr | 10" | 5 | 1300 | 250 | 70 | 25 |
| RA5795211 | CPP HA 10 BX 25 mcr | 10" | 25 | 1300 | 250 | 70 | 25 |
| RA5797208 | CPP HA 20 BX 5 mcr | 20" | 5 | 1600 | 505 | 70 | 25 |
| RA5797211 | CPP HA 20 BX 25 mcr | 20" | 25 | 1600 | 505 | 67 | 25 |

CPP HA cartridges are available in a variety of:

CONFIGURATIONS:

- SX standard configuration double open end (DOE) available for every height and diameter.
- BX proprietary configuration with double o-ring collar 45 mm, suitable to PLUS 3P BX housings, DP housings, K PLUS 3P housings.

MODELS:

- CPP HA MIGNON series 5"M OD 1.77" ID 0.71, SX configuration.
- CPP HA series 10" and 20" OD 2.40" ID 1.10", SX, BX configurations.

CERTIFICATIONS

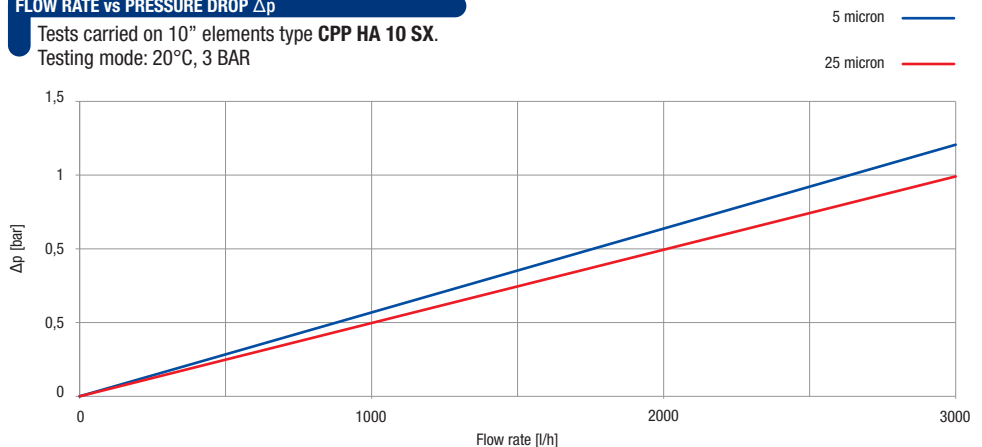
In compliance with
italian regulation
D.M. 174/2004

CPP HA cartridges are tested and certified under the most stringent procedures worldwide, achieving the **certification of compliance with DM 174/2004.**

FLOW RATE vs PRESSURE DROP Δp

Tests carried on 10" elements type **CPP HA 10 SX.**

Testing mode: 20°C, 3 BAR





QA CF strong cationic resin

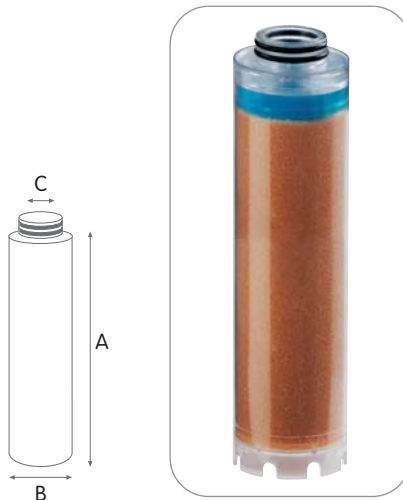
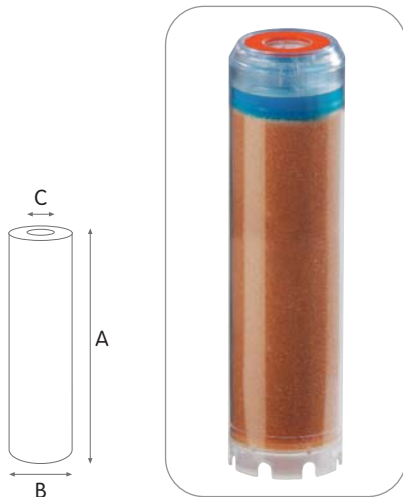
Water softening.

Average life-span: see the table below.

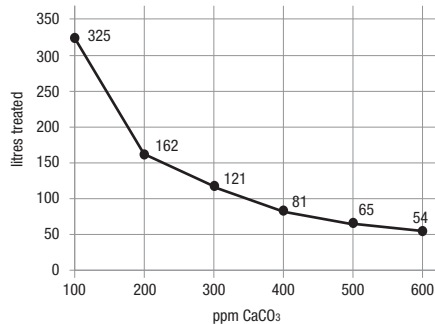
Maintenance: none.

Remark - Use a pre-filter to protect the cartridge.

Note: the cartridge does not change its colour when exhausted. Check the depletion of the resin with the specific Atlas Filtri EASY TEST strips.



10" cartridge duration in litres starting from a given water intake carbonates concentration (as CaCO₃ ppm)



CERTIFICATIONS

in compliance with
italian regulation
D.M. 174/2004

QA CF cartridges are tested and certified under the most stringent procedures worldwide, achieving the **certification of compliance with DM 174/2004.**

WORKING CONDITIONS

Max working temperature _____ 45°C (113°F)
 Max concentration Cl _____ 0,1 ppm
 Max concentration Fe _____ 0,1 ppm

SPECIFICATIONS

Non-toxic materials, suitable for drinking water.
 Container, end cap and grid: polystyrene.
 Flat seal SX: SEBS. O-rings BX: EPDM.
 Containing sponge: polyurethane.
 Treatment material: strong cationic resin.

Plastic container filled with strong cationic-exchange resin, for the reduction of total hardness (TH) and providing water softening with removal of Calcium and Magnesium carbonates. QA-CF cartridges are available with height from 5" to 20".

QA CF SX

WOUND POLYPROPYLENE THREAD CARTRIDGES WITH DOUBLE OPEN END (DOE)

| CODE | MODEL | NOMINAL HEIGHT | NOMINAL FLOW/RATE l/h | DIMENSIONS MM | | |
|----------------------------|-------------|----------------|-----------------------|---------------|----|----|
| | | | | A | B | C |
| OD 2,40" x ID 1,10" | | | | | | |
| RA5202125 | QA 5 CF SX | 5" | 25 | 128 | 70 | 28 |
| RA5204125 | QA 7 CF SX | 7" | 30 | 176 | 70 | 28 |
| RA5205125 | QA 10 CF SX | 10" | 50 | 252 | 70 | 28 |
| RA5207125 | QA 20 CF SX | 20" | 90 | 510 | 70 | 28 |

QA CF BX

WOUND POLYPROPYLENE THREAD CARTRIDGES WITH DOUBLE O RING COLLAR 45 MM

| CODE | MODEL | NOMINAL HEIGHT | NOMINAL FLOW/RATE l/h | DIMENSIONS MM | | |
|----------------------------|-------------|----------------|-----------------------|---------------|----|----|
| | | | | A | B | C |
| OD 2,40" x ID 1,10" | | | | | | |
| RA5202225 | QA 5 CF BX | 5" | 25 | 127 | 70 | 25 |
| RA5204225 | QA 7 CF BX | 7" | 30 | 183 | 70 | 25 |
| RA5205225 | QA 10 CF BX | 10" | 50 | 252 | 70 | 25 |
| RA5207225 | QA 20 CF BX | 20" | 90 | 510 | 70 | 25 |

QA-CF cartridges are available in a variety of:

CONFIGURATIONS:

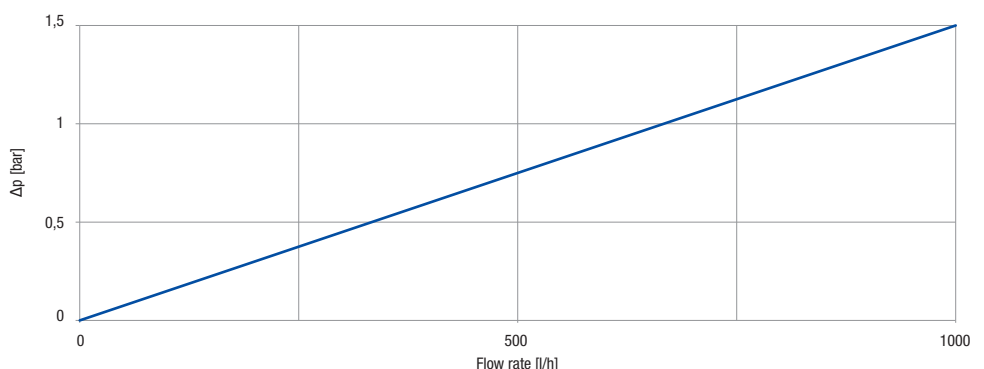
- SX standard configuration double open end (DOE) available for every height and diameter.
- BX proprietary configuration with double o-ring collar 45 mm, suitable to PLUS 3P BX housings, DP housings, K PLUS 3P housings.

MODELS:

- QA-CF series from 5" to 20" OD 2.40" ID 1.10", SX, BX configurations.

FLOW RATE vs PRESSURE DROP Δp

Tests carried on 10" elements type **QA CF 10 SX**.
 Testing mode: 20°C, 3 BAR





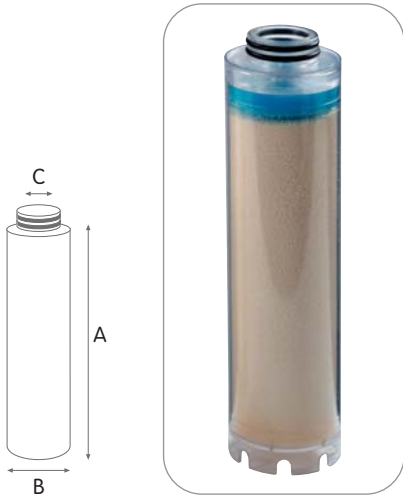
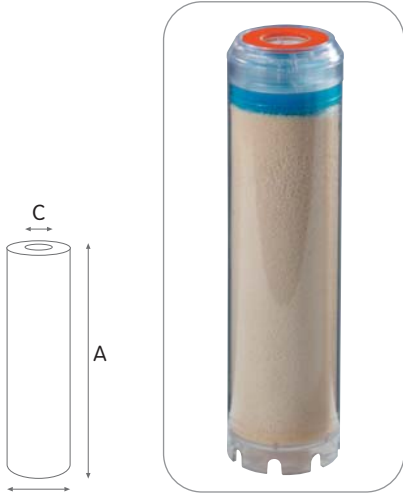
QA AF anionic resin

Reduction of nitrates.

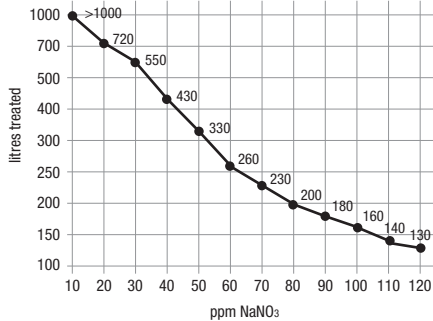
Average life-span: see the table below.

Maintenance: none.

Remark - Use a pre-filter to protect the cartridge.



10" cartridge duration in litres starting from a given water intake carbonates concentration (as CaCO₃ ppm)



CERTIFICATIONS

in compliance with
italian regulation
D.M. 174/2004

QA AF cartridges are tested and certified under the most stringent procedures worldwide, achieving the **certification of compliance with DM 174/2004.**

WORKING CONDITIONS

Max working temperature _____ 45°C (113°F)
 Max concentration NaNO₃ _____ 200 ppm
 Max concentration SO₄ _____ 200-300 ppm

SPECIFICATIONS

Non-toxic materials, suitable for drinking water.
 Container, end cap and grid: polystyrene.
 Flat seal SX: SEBS. O-rings BX: EPDM.
 Containing sponge: polyurethane.
 Treatment material: strong anionic resin nitrates-selective.

Plastic container filled with anti-nitrate selective ionic-exchange resin, for the reduction of nitrate content in drinking water. The concentration of nitrates in drinking water below 10 mg/l is strongly recommended by World Health Organization (WHO) guidelines. QA-AF cartridges are available with height from 5" to 20".

QA AF SX

WOUND POLYPROPYLENE THREAD CARTRIDGES WITH DOUBLE OPEN END (DOE)

| CODE | MODEL | NOMINAL HEIGHT | NOMINAL FLOW/RATE l/h | DIMENSIONS MM | | |
|----------------------------|-------------|----------------|-----------------------|---------------|----|----|
| | | | | A | B | C |
| OD 2,40" x ID 1,10" | | | | | | |
| RA5352125 | QA 5 AF SX | 5" | 25 | 128 | 70 | 28 |
| RA5354125 | QA 7 AF SX | 7" | 35 | 176 | 70 | 28 |
| RA5355125 | QA 10 AF SX | 10" | 50 | 252 | 70 | 28 |
| RA5357125 | QA 20 AF SX | 20" | 90 | 510 | 70 | 28 |

QA AF BX

WOUND POLYPROPYLENE THREAD CARTRIDGES WITH DOUBLE O RING COLLAR 45 MM

| CODE | MODEL | NOMINAL HEIGHT | NOMINAL FLOW/RATE l/h | DIMENSIONS MM | | |
|----------------------------|-------------|----------------|-----------------------|---------------|----|----|
| | | | | A | B | C |
| OD 2,40" x ID 1,10" | | | | | | |
| RA5352225 | QA 5 AF BX | 5" | 25 | 127 | 70 | 25 |
| RA5354225 | QA 7 AF BX | 7" | 35 | 183 | 70 | 25 |
| RA5355225 | QA 10 AF BX | 10" | 50 | 252 | 70 | 25 |
| RA5357225 | QA 20 AF BX | 20" | 90 | 510 | 70 | 25 |

QA-AF cartridges are available in a variety of:

CONFIGURATIONS:

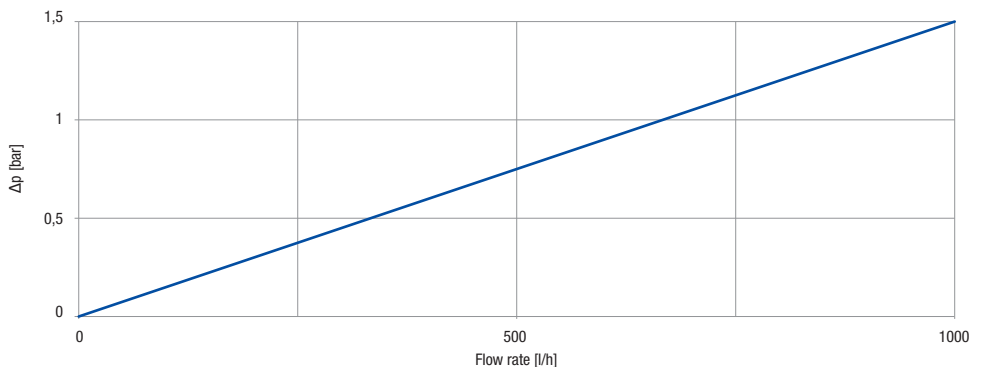
- SX standard configuration double open end (DOE) available for every height and diameter.
- BX proprietary configuration with double o-ring collar 45 mm, suitable to PLUS 3P BX housings, DP housings, K PLUS 3P housings.

MODELS:

- QA-AF series from 5" to 20" OD 2.40" ID 1.10", SX, BX configurations.

FLOW RATE vs PRESSURE DROP Δp

Tests carried on 10" elements type **QA AF 10 SX**.
 Testing mode: 20°C, 3 BAR





QA LM mixed bed strong cationic and anionic resin

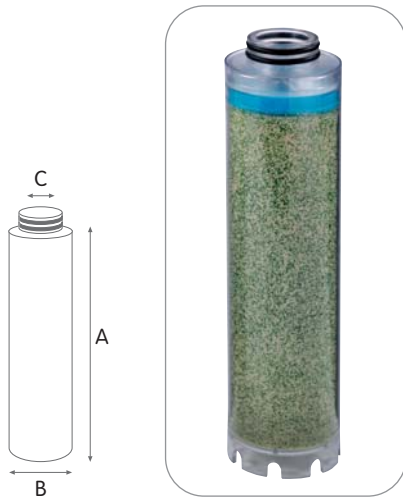
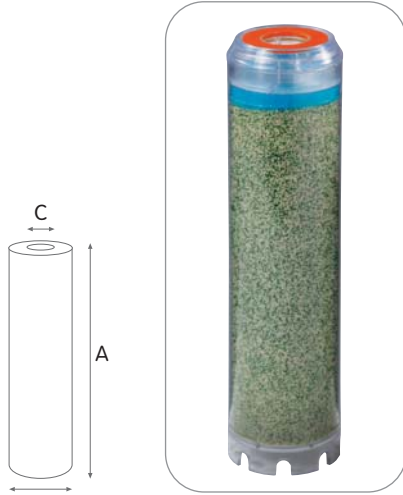
Water demineralization.

Average life-span: see the table below.

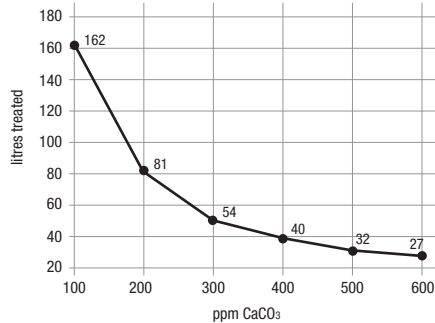
Maintenance: none.

Remark - Use a pre-filter to protect the cartridge.

Note: the resin changes colour when exhausted.



10" cartridge duration in litres starting from a given water intake carbonates concentration (as CaCO₃ ppm)



CERTIFICATIONS

In compliance with Italian regulation D.M. 174/2004

QA LM cartridges are tested and certified under the most stringent procedures worldwide, achieving the certification of compliance with DM 174/2004.

WORKING CONDITIONS

Max working temperature _____ 45°C (113°F)
 Max concentration Cl _____ 0,1 ppm
 Max concentration Fe _____ 0,1 ppm

SPECIFICATIONS

Non-toxic materials, suitable for drinking water.
 Container, end cap and grid: polystyrene.
 Flat seal SX: SEBS. O-rings BX: EPDM.
 Containing sponge: polyurethane.
 Treatment material: mixed bed of strong cationic and strong anionic resins.

Plastic container filled with strong cationic and strong anionic-exchange resin, for the reduction of water salinity. QA-LM cartridges are available with height from 5" to 20".

QA LM SX

WOUND POLYPROPYLENE THREAD CARTRIDGES WITH DOUBLE OPEN END (DOE)

| CODE | MODEL | NOMINAL HEIGHT | NOMINAL FLOW/RATE l/h | DIMENSIONS MM | | |
|----------------------------|-------------|----------------|-----------------------|---------------|----|----|
| | | | | A | B | C |
| OD 2,40" x ID 1,10" | | | | | | |
| RA5212125 | QA 5 LM SX | 5" | 10 | 128 | 70 | 28 |
| RA5214125 | QA 7 LM SX | 7" | 15 | 176 | 70 | 28 |
| RA5215125 | QA 10 LM SX | 10" | 25 | 252 | 70 | 28 |
| RA5217125 | QA 20 LM SX | 20" | 40 | 510 | 70 | 28 |

QA LM BX

WOUND POLYPROPYLENE THREAD CARTRIDGES WITH DOUBLE O RING COLLAR 45 MM

| CODE | MODEL | NOMINAL HEIGHT | NOMINAL FLOW/RATE l/h | DIMENSIONS MM | | |
|----------------------------|-------------|----------------|-----------------------|---------------|----|----|
| | | | | A | B | C |
| OD 2,40" x ID 1,10" | | | | | | |
| RA5212225 | QA 5 LM BX | 5" | 10 | 127 | 70 | 25 |
| RA5214225 | QA 7 LM BX | 7" | 15 | 183 | 70 | 25 |
| RA5215225 | QA 10 LM BX | 10" | 25 | 252 | 70 | 25 |
| RA5217225 | QA 20 LM BX | 20" | 40 | 510 | 70 | 25 |

QA-LM cartridges are available in a variety of:

CONFIGURATIONS:

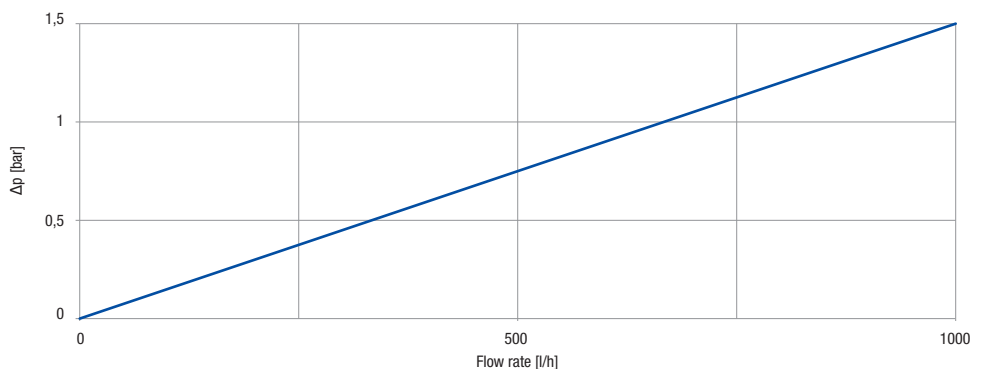
- SX standard configuration double open end (DOE) available for every height and diameter.
- BX proprietary configuration with double o-ring collar 45 mm, suitable to PLUS 3P BX housings, DP housings, K PLUS 3P housings.

MODELS:

- QA-LM series from 5" to 20" OD 2.40" ID 1.10", SX, BX configurations.

FLOW RATE vs PRESSURE DROP Δp

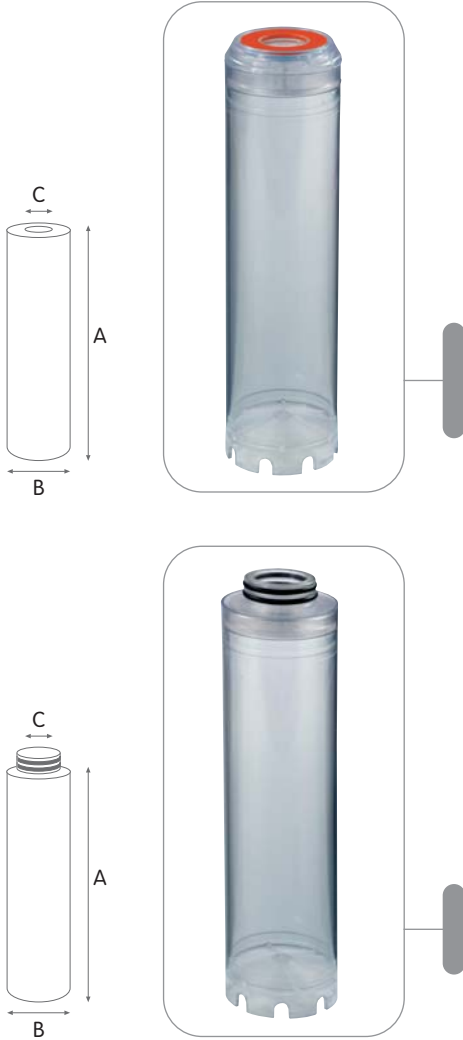
Tests carried on 10" elements type QA LM 10 SX.
 Testing mode: 20°C, 3 BAR





P empty container

Fillable container.



P containers are available in a variety of:

CONFIGURATIONS:

- SX standard configuration double open end (DOE) available for every height and diameter.
- BX proprietary configuration with double o-ring collar 45 mm, suitable to PLUS 3P BX housings, DP housings, K PLUS 3P housings.

MODELS:

- P MIGNON series 5" M OD 1.77" ID 0.71", SX configuration.
- P series from 5" to 20" OD 2.40" ID 1.10", SX, BX configurations.

Accessory available on demand:

- Containing sponge for P MIGNON series and for P series.

WORKING CONDITIONS

Max working temperature _____ 45°C (113°F)

SPECIFICATIONS

Non-toxic materials, suitable for drinking water.
 Container: polystyrene.
 End cap and grid: polystyrene.
 Flat seal SX: SEBS.
 O-rings BX: EPDM.

Plastic container fillable with water treatment media available from the range of Atlas Filtri media: granular activated carbon (GAC), polyphosphate crystals, ionic exchange resins. For the use of other media contact Atlas Filtri for approval. P containers are available with height from 5" to 20".

P SX

EMPTY CONTAINER WITH DOUBLE OPEN END (DOE)

| CODE | MODEL | NOMINAL HEIGHT | DIMENSIONS MM | | |
|----------------------------|----------------|----------------|---------------|----|----|
| | | | A | B | C |
| OD 1,77" x ID 0,71" | | | | | |
| RB5170625 | P MIGNON SX TS | 5" M | 125 | 50 | 21 |
| OD 2,40" x ID 1,10" | | | | | |
| RB5172125 | P 5 SX TS | 5" | 128 | 70 | 28 |
| RB5174125 | P 7 SX TS | 7" | 176 | 70 | 28 |
| RB5175125 | P 10 SX TS | 10" | 252 | 70 | 28 |
| RB5177125 | P 20 SX TS | 20" | 510 | 70 | 28 |

P BX

WOUND POLYPROPYLENE THREAD CARTRIDGES WITH DOUBLE O RING COLLAR 45 MM

| CODE | MODEL | NOMINAL HEIGHT | DIMENSIONS MM | | |
|----------------------------|------------|----------------|---------------|----|----|
| | | | A | B | C |
| OD 2,40" x ID 1,10" | | | | | |
| RB5172225 | P 5 BX TS | 5" | 127 | 72 | 25 |
| RB5174225 | P 7 BX TS | 7" | 183 | 72 | 25 |
| RB5175225 | P 10 BX TS | 10" | 252 | 72 | 25 |
| RB5177225 | P 20 BX TS | 20" | 510 | 72 | 25 |

CERTIFICATIONS

in compliance with
 italian regulation
 D.M. 174/2004

Attestation de
 Conformité
 Sanitaire
ACS

P cartridges are tested and certified under the most stringent procedures worldwide, achieving the **certification of compliance with DM 174/2004 and the sanitary certifications ACS (France).**



"water is the driver of nature"
Leonardo Da Vinci



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