



# BT CPP HA melt-blown polypropylene and polyphosphate crystals

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

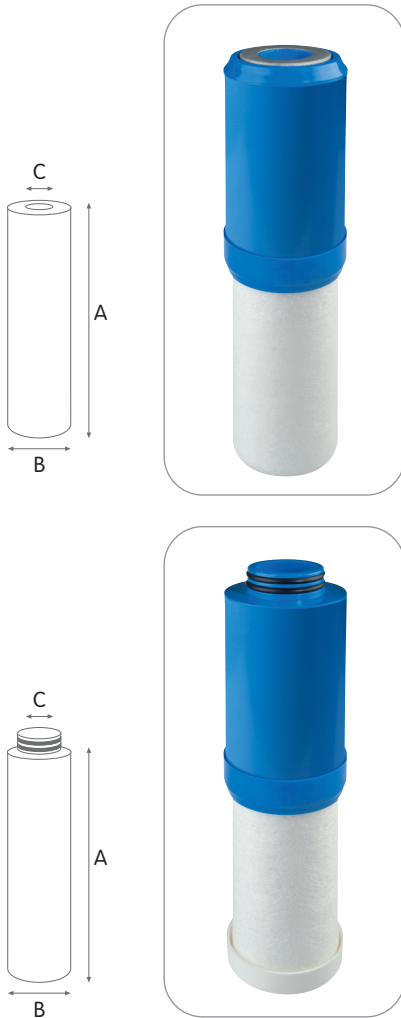
## WORKING CONDITIONS

Max working temperature \_\_\_\_\_ 35°C (95°F)  
Min working temperature \_\_\_\_\_ 4°C (39,2°F)  
Max total hardness \_\_\_\_\_ 50°f (500 ppm CaCO<sub>3</sub>)  
**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 with antimicrobial technology.  
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 and 25 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 PP AND POLYPHOSPHATE CARTRIDGES WITH DOUBLE OPEN END (DOE)

CODE	MODEL	NOMINAL HEIGHT	NOMINAL FILTRATION MICRON	RECOMMENDED FLOW RATE l/h	DIMENSIONS MM		
					A	B	C
<b>OD 2,40" x ID 1,10"</b>							
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 PP AND POLYPHOSPHATE CARTRIDGES WITH DOUBLE O-RING COLLAR 45 MM

CODE	MODEL	NOMINAL HEIGHT	NOMINAL FILTRATION MICRON	RECOMMENDED FLOW RATE l/h	DIMENSIONS MM		
					A	B	C
<b>OD 2,40" x ID 1,10"</b>							
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 DP housings.

### MODELS:

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

### CERTIFICATIONS



BT CPP HA cartridges are tested and certified under the most stringent procedures worldwide, in compliance with DM 25 (Italy), with the sanitary certification EAC/Ghostreghistracia (Russia) and WaterMark (Australia).

### FLOW RATE vs PRESSURE DROP Δp

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

