



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)
Min working temperature _____ 4°C (39,2°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.
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.
CA-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). CA-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

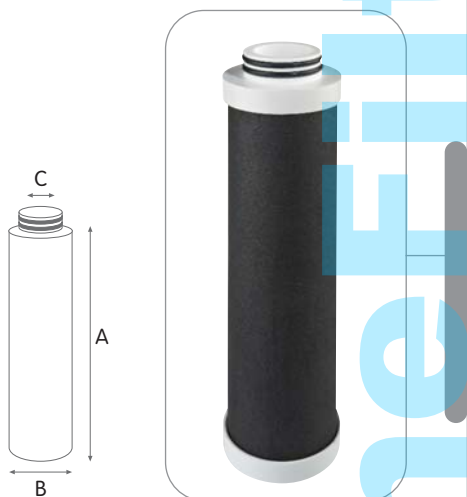
CARBON BLOCK WITH HOLLOW FIBRES WITH DOUBLE O-RING COLLAR 45 MM

CODE	MODEL	NOMINAL HEIGHT	NOMINAL FILTRATION MICRON	RECOMMENDED FLOW RATE l/h	DIMENSIONS MM		
					A	B	C
OD 2,40" x ID 1,10"							
RE5375530CA-SE 10 HF-U BX	0,02 mcr10"0,021002486725						
RE5375520CA-SE 10 HF BX	0,15 mcr10"0,151202486725						

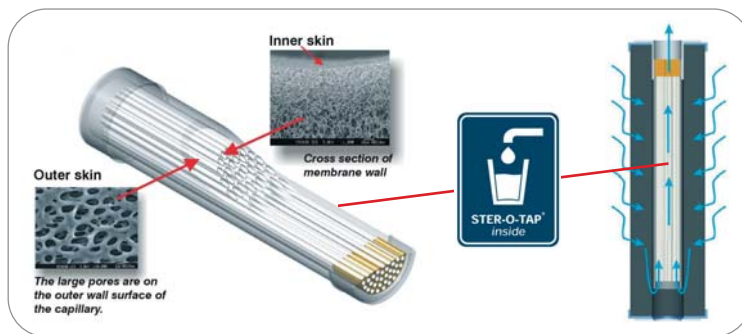
CA-SE HF Pb BX

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

CODE	MODEL	NOMINAL HEIGHT	NOMINAL FILTRATION MICRON	RECOMMENDED FLOW RATE l/h	DIMENSIONS MM		
					A	B	C
OD 2,40" x ID 1,10"							
RE5375550CA-SE 10 HF-U Pb BX	0,02 mcr10"0,021002486725						
RE5375540CA-SE 10 HF Pb BX	0,15 mcr10"0,151202486725						



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:

-BX proprietary configuration with double o-ring collar 45 mm, suitable to PLUS 3P BX housings, DP housings, K DP housings.

MODELS:

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

VARIANTS AVAILABLE ON MINIMUM QUANTITY:

-CA-SE HF SX 10" models with SX (DOE) end caps with antimicrobial flat seals.

CERTIFICATIONS



CA SE HF cartridges are tested under the most stringent procedures worldwide, in compliance with DM 25 (Italy) and GOST (Russia).

FLOW RATE vs PRESSURE DROP Δp

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

