



Activated Carbon Filter Series Cartridge

"Eaton's LOFSORB Cartridge Filter is ideal for use in drinking water, cyst reduction, chlorine removal, bottled water, color removal, soft drink production and flavor removal."

The Eaton extruded block activated carbon filter cartridge offers exceptional performance in removing chlorine, taste, odor, organics, and color components from water and water-like liquids.

Features & Benefits

- Increased efficiency and high adsorptive capacity
- Independent laboratory validation of performance
- Minimal release of carbon fines
- No bypass
- Lower equivalent pressure drop than granular carbon
- Constructed from FDA-listed materials
- ANSI/NSF Standard 53 cyst removal validation

- Improved water taste using coconut shell carbon
- NSF Standard 42 components

Filter Specifications

End caps
Polypropylene

End caps adhesive
Low density polyethylene

End configuration
Double open end

Gaskets
Santoprene

Binder
Polyethylene

Outer wrap
Melt blown polypropylene

Netting
Polypropylene

Micron ratings
0.5 µm, 2 µm, 5 µm

Operating Parameters

Operating temperature
up to 125°F (52°C)

Differential Pressure
up to 100 psid (6.9 bar)

Operating Pressure
up to 250 psig (17.2 bar)

Collapse Pressure
200 psid (13.8 bar)

Steam/Autoclave
Do not steam or autoclave LOFSORB cartridge filters

Flush
Filters should be flushed for a minimum of five (5) minutes prior to use.

* Performance tested and verified by Independent Laboratory Testing.



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LOFSORB Specifications			
	LOFSORB-CR	LOFSORB-CS	LOFSORB-CTO
Nominal Filtration Rating	0.5 micron	2 micron	5 micron
Type Carbon	Bituminous (Coal)	Coconut Shell	Bituminous (Coal)
Sizes			
Overall Diameter	2.7" (6.9 cm)	2.7" (6.9 cm)	2.7" (6.9 cm)
Lengths	9.75", 20" (24.8, 50.8 cm)	9.75", 20" (24.8, 50.8 cm)	9.75", 20" (24.8, 50.8 cm)
Cyst Reduction Capability	Yes*	No	No

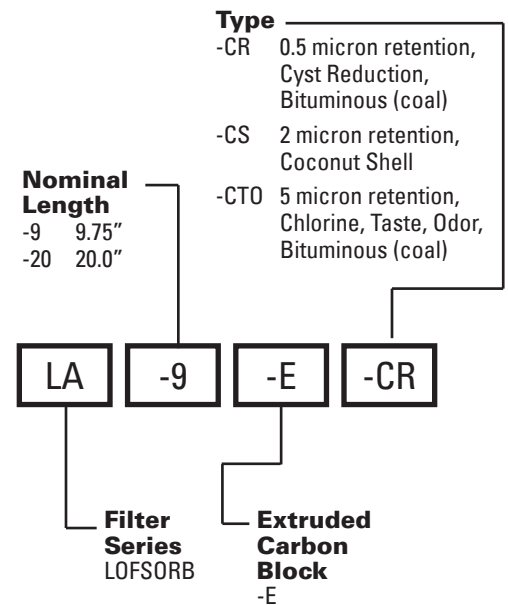
*Performance Tested and Verified by Independent Laboratory Testing.

LOFSORB Technical Data			
	Block Dimensions	Chlorine, Taste, Odor Reduction @ Flow	Initial Delta P @ Flow
LOFSORB-CR			
LA-9-E _ -CR	2.5 x 9.75"	10,000 gal @ 2.5 GPM	8 psid @1 GPM
LA-20-E _ -CR	2.5 x 20"	20,000 gal @ 5 GPM	8 psid @ 2 GPM
LOFSORB-CS			
LA-9-E _ -CS	2.5 x 9.75"	6,000 gal @ 1 GPM	2.5 psid @ 1 GPM
LA-20-E _ -CS	2.5 x 20"	15,000 gal @ 2.3 GPM	2.5 psid @ 2 GPM
LOFSORB-CTO			
LA-9-E _ -CTO	2.5 x 9.75"	6,000 gal @ 1 GPM	2 psid @ 1 GPM
LA-20-E _ -CTO	2.5 x 20"	12,000 gal @ 2 GPM	2 psid @ 2 GPM

Product Information

- Projected chlorine, taste and odor reduction capacity when tested in accordance with NSF/ANSI Standard 42 protocol.
- Nominal particulate rating is for >85% of a given size as determined from single pass particle counting results.
- Performance of a given LOFSORB carbon filter varies in direct proportion to the total weight of carbon in the filter. For example, a 2.5" OD x 20" long LOFSORB filter contains approximately two times as much activated carbon as a 2.5" OD x 9.75" long filter, and will therefore have two times the rated chlorine, taste and odor capacity when operated at two times the rated flow of the smaller cartridge. Hence, rated flow rate is based on maintaining identical contact/residence time for all filters.
- Use Eaton LOFSORB carbon filters only with microbiologically safe and adequately disinfected water.

Filter Specification Code



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