

aspire® Carbonex CEW

Dual Media Filter with Advanced Extruded Carbon Technology for Water Applications



Carbonex CEW Series filter cartridges provide reliable removal of chlorine, chemical contamination and sediment from water. The depth filter media used in the outer zones of the cartridge provides efficient particulate removal. The inner zone of the cartridge is a patented extruded carbon block technology that offers significantly greater carbon removal than conventional granular carbon technology. Retrofitting granular activated carbon cartridges with Carbonex CEW cartridges can result in better filtration performance and significantly fewer cartridge change outs.

Carbonex CEW cartridges are available in lengths up to 40 inches in multiple configurations.

Benefits

- Significantly greater VOC removal than conventional granular activated carbon cartridges of similar physical dimensions.
- Greater capacity and efficiency in chlorine removal than granular activated carbon cartridges of similar physical dimensions.
- No channeling, bypassing, fluidizing, or unloading of carbon fines.
- Extruded carbon technology does not release carbon fines during system start-up unlike conventional granular carbon technology.
- Highly porous and extremely uniform extruded carbon block technology delivers consistent filtration over time.
- Standard lengths up to 40" allows for high capacity systems using conventional filter housings.
- Single Open End cartridge configurations are available to ensure positive housing seal.

Applications

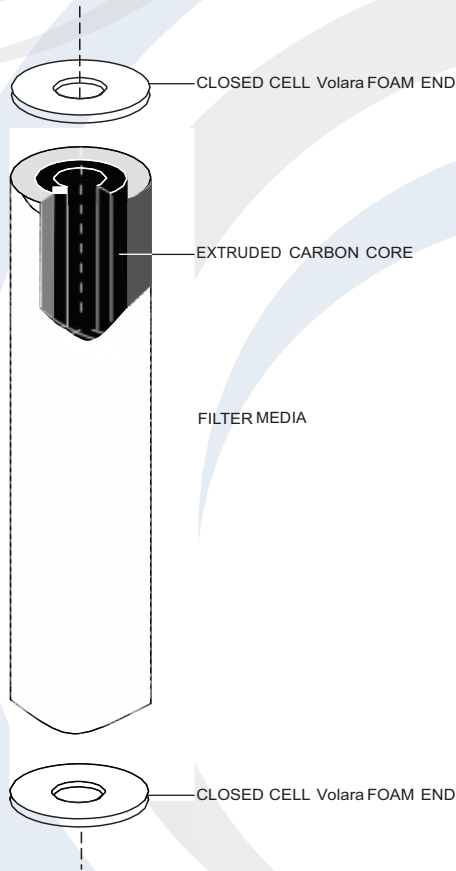
- Potable Water
- Bottle Washing
- Process Water
- Drinking Fountain Water
- Food Service Applications
- Container Rinsing
- Soft Drink Mix/Dispense

For more information,
contact your aspire® representative at
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800-821-2222 816-356-8400 816-353-1873 fax
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Performance Specifications

Micron Ratings	1µm, 5µm, 10µm
Maximum Temperature Rating	150°F (66°C)
Maximum Operating Pressure	250 psig (17 bar)
Flow Rate/Differential Pressure	2.0 psid @ 1 gpm
Recommended Change Out Differential Pressure	40 psid (2.75 bar)

Materials of Construction/Dimensions

Media	outer zone	Polypropylene or Fibrillated Polypropylene
	inner zone	Extruded carbon block
Gaskets/O-Rings		Buna-N, Silicone, Viton®, Volara (gaskets only)
Outside Diameter in (cm)	nominal	2.5 (6.4)
Inside Diameter in (cm)	nominal	1 (2.5)
Lengths in (cm)	nominal	9.75 (24.8), 10 (25.4), 13 (33.0), 19.5 (49.5), 20 (50.8), 29.25 (74.3), 29.5 (74.9), 30 (75.0), 39 (99.1), 40 (101.6)

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Cartridge Ordering Information

Style	Micron Rating	Media Type	Length (inches)	Cartridge Configuration	O-Ring/Gasket	Misc.
CEW	5	P	10	222B	B	
CEW = Carbonex for Water Applications	1µm	P = Polypropylene	912 = 9.75	No symbol = DOE with Volara gaskets	B = Buna-N	Blank = Std
	5µm	PF = Fibrillated Polypropylene	10 = 10	222F = 222 O-ring/Flat	E = EPDM	P = Plain Pkg
	10µm		198 = 19.5	222S = 222 O-ring/Spear	S = Silicone	
			20 = 20	226F = 226 O-ring/Flat	V = Viton®	
			294 = 29.25	226S = 226 O-ring/Spear		
			298 = 29.5			
			30 = 30			
			39 = 39			
		40 = 40				

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