

# CARBONEX™ CEW

*Dual Media Filter with Advanced Extruded Block Carbon Technology For Water Applications*



## Description

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.

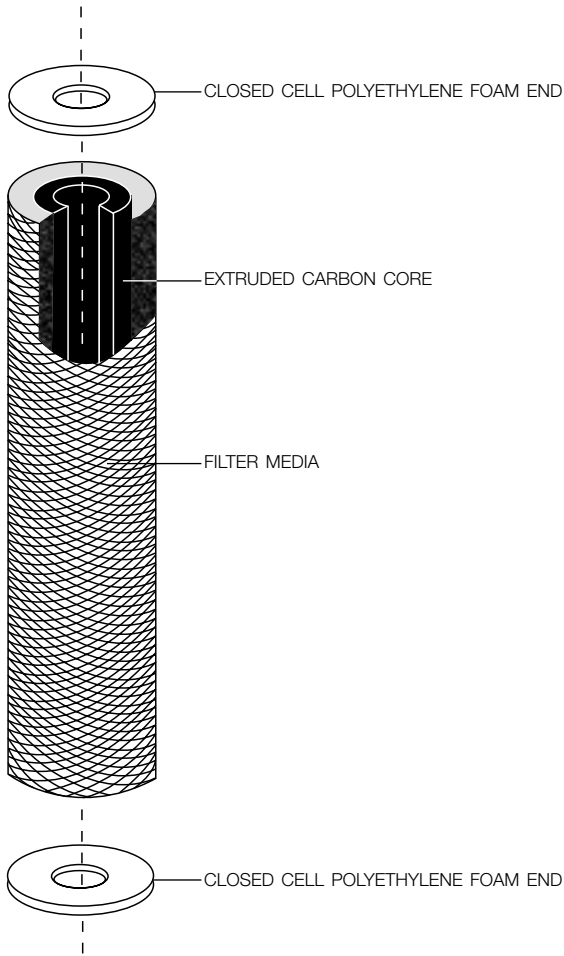
CARBONEX CEW cartridges are available in lengths up to 40 inches in multiple configurations.

## Benefits

- Significantly greater VOC removal than conventional granular activated carbon cartridges of similar physical dimensions.
- Much 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.
- Configurations available to fit Big Blue® housings.

## Applications

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



## Performance Specifications

<b>Micron Ratings</b>	1, 5, 10 $\mu\text{m}$
<b>Maximum Temperature Rating</b>	150° F (66° C)
<b>Maximum Operating Pressure</b>	250 psig (17 bar)
<b>Flow Rate/Differential Pressure</b>	2.0 psid @ 1 gpm
<b>Recommended Change Out Differential Pressure</b>	40 psid

## Materials of Construction/Dimensions

<b>Media</b>	(outer zone)	Bleached Cotton, Polypropylene or Fibrillated Polypropylene
	(inner zone)	Extruded carbon block
<b>Gaskets/O-Rings</b>		Buna-N, Silicone, Viton®, Polyethylene (gaskets only)
<b>Outside Diameter</b>	(nominal)	2.5" (6.4 cm)
	(optional)	4.5" (11.5 cm) 10" and 20" lengths only
<b>Inside Diameter</b>	(nominal)	1" (2.5 cm)
<b>Lengths</b>	(nominal)	4, 5, 9.75, 10, 13, 19.5, 20, 29.5, 30, 39, 40" (10.2, 12.7, 24.8, 25.4, 49.5 50.8, 74.9, 76.2, 99, 102 cm)

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## Cartridge Ordering Information

Cartridge Series	Micron Rating	Media	Length (inches)	Cartridge Configuration
CEW	1	P	10	BB
Carbonex Series for Water Applications	1, 5, 10 $\mu\text{m}$	P = Polypropylene PF = Fibrillated polypropylene C = Bleached Cotton	4	No Symbol DOE with Polyethylene Gaskets
			5	BB-4.5" Outside Diameter (10" and 20" lengths, DOE only)
			6	222B-222 SOE with 222 Buna-N O-ring
			9.75	222V-222 SOE with 222 Viton O-ring
			10	226B-226 SOE with 226 Buna-N O-ring
			19.5	226V-226 SOE with 226 Viton O-ring
			20	222S-222 SOE with 222 Silicone O-ring
			29.25	226S-226 SOE with 226 Silicone O-ring
			30	K Self Seal Spring
			39	
			40	

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