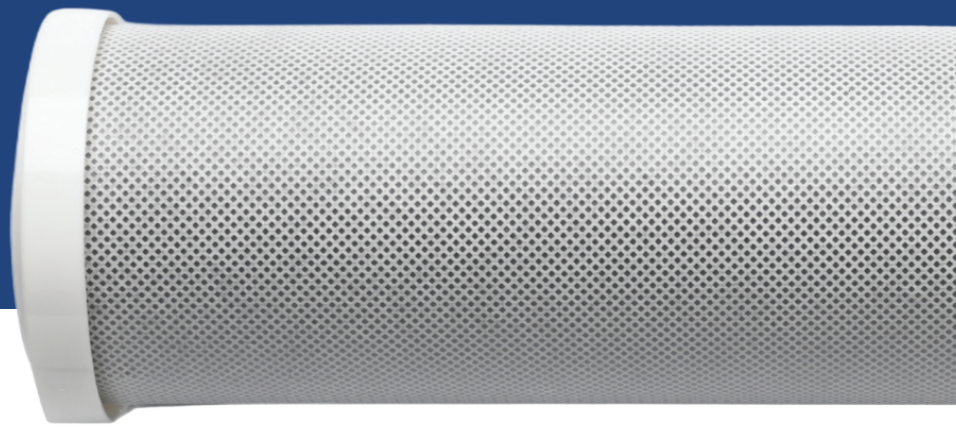


KETCO CARBON BLOCK



FEATURES

- ▶ **High Chlorine, Taste & Odor Removal Efficiency** Effectively reduces chlorine, off-tastes, and odors, making water more palatable and safe for consumption.
- ▶ **Fine Particulate Filtration** Dual-function design captures sediment, rust, and other suspended solids while adsorbing chemicals—delivering cleaner water in a single stage.
- ▶ **Compressed Activated Carbon Structure** Maximizes contact time and adsorption efficiency compared to loose GAC, ensuring consistent performance throughout the cartridge life.
- ▶ **Uniform Pore Structure** Maintains flow integrity and prevents channeling, ensuring thorough filtration across the entire surface area.
- ▶ **Chlorine and Chemical Protection for Downstream Equipment** Extends the service life of RO membranes, UV systems, and appliances by reducing chemical fouling.
- ▶ **Low Pressure Drop** Engineered for optimized flow rates without sacrificing performance—ideal for residential and commercial applications.
- ▶ **Long Service Life** High dirt-holding capacity and robust structure reduce the frequency of filter change-outs, lowering maintenance costs.
- ▶ **Compatible with Standard Filter Housings** Available in industry-standard sizes for easy replacement and retrofit into existing filtration systems.
- ▶ **NSF-Certified Materials** Constructed from materials compliant with NSF/ANSI standards for safe use in drinking water systems



KETCO CARBON BLOCK



SPECIFICATIONS

Filter Media	Compressed Activated Carbon Block
Micron Rating	0.5,1,5,10micron (nominal)
Chlorine Reduction Capacity	Up to 10,000 gallons @ 1 GPM (varies by model)
End Caps & Outer Casing	Food-grade Polypropylene
Gasket / O-Ring	EPDM or Silicone (optional)
Operating Temperature	4°C – 52°C (40°F – 125°F)
Dimensions	Standard 10" and 20" lengths
Certifications	NSF/ANSI 42 compliant materials

Model	Outer Diameter (mm)	Nominal Micron	Chlorine Taste & Odor Reduction @ Flow Rate (gpm)*
CTO-10-A5	63	0.5um	>8000galloons @ 1gpm
CTO-10-01	63	1um	>8000galloons @ 1gpm
CTO-10-05	63	5um	>6000galloons @ 1gpm
CTO-10-10	63	10um	>5000galloons @ 1gpm
CTO-20-A5	63	0.5um	>15,000galloons @ 1.5gpm
CTO-20-01	63	1um	>15,000galloons @ 1.5gpm
CTO-20-05	63	5um	>12,000galloons @ 1.5gpm
CTO-20-10	63	10um	>10,000galloons @ 1.5gpm

APPLICATIONS

RESIDENTIAL POINT-OF-USE (POU) SYSTEMS Improves taste, odor, and safety of drinking water in under-sink, countertop, and faucet filters.

POINT-OF-ENTRY (POE) WHOLE HOUSE SYSTEMS Protects household plumbing and appliances by removing chlorine and fine particles at the water inlet.

FOOD & BEVERAGE INDUSTRY Enhances product quality by reducing chlorine, sediment, and off-flavors in process water.

BOTTLED WATER PRODUCTION Ensures consistency in taste and odor before final bottling stages.

COFFEE SHOPS AND BEVERAGE DISPENSERS Delivers clean, odor-free water for improved flavor extraction in hot and cold beverages.

PRE-FILTRATION FOR RO SYSTEMS Removes chlorine and fine particulates to prevent membrane damage and extend RO system lifespan.

LABORATORY AND PHARMACEUTICAL WATER SYSTEMS Provides pre-treatment for deionized or purified water systems, reducing organic load and chlorine.

ICE MAKERS AND WATER COOLERS Prevents scale buildup and taste issues caused by chlorine and sediment.

AQUACULTURE AND PET WATERING SYSTEMS Removes chlorine and chemicals harmful to aquatic life or sensitive animals.



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TRUSTED FILTRATION SOLUTIONS

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