



CTO Series Filters

Part of the Ameri-Block series, the new CTO carbon block filter delivers exceptional performance in a wide range of water quality challenges. Engineered for superior chlorine reduction, CTO Series filters also effectively remove other unwanted contaminants such as dirt, rust and sediment.

Manufactured in the USA at Engineered H2O's state-of-the-art automated facility in Palmetto, Florida. Our CTO Series filters represent a new standard in filtration technology providing high-capacity contaminant reduction with consistent performance and reliability.

Part Number	Description	Box Qty
CTO2510-5	2.5" x 10" - Chlorine Taste/Odor - 5 µm~	20
CTO2520-5	2.5" x 20" - Chlorine Taste/Odor - 5 µm~	20
CTO4510-5	4.5" x 10" - Chlorine Taste/Odor - 5 µm~	6
CTO4520-5	4.5" x 20" - Chlorine Taste/Odor - 5 µm~	4



This CTO series filter is tested and certified by NSF International against NSF/ANSI Standard 42 for material requirements only.



Key Features & Benefits

- **5 Micron Nominal Filtration** — Captures fine particulates, including sediment, dirt, silt and rust, for enhanced water clarity and safety.
- **Exceptional Taste & Odor Improvement** — Provides superior reduction of chlorine enhancing water taste and eliminating unpleasant odors.
- **Effective Sediment, Dirt, & Particle Reduction** — Effective reduction of sediment, dirt, and particulates for cleaner, clearer water.

Not for use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the filter.
All product information, specifications, and features provided in this data sheet are subject to change without notice.
Product shown above is equipped with optional PP netting.

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All Ameri-Block filters are manufactured using a 100% coconut shell carbon that is both renewable and ecologically sustainable.

All materials and components are NSF certified and FDA compliant, ensuring safety for residential, food service, and commercial drinking water applications.

Each carbon block is wrapped in a protective polypropylene outer layer, preventing premature clogging and extending filter life. Ameri-Block filters deliver cleaner, better-tasting water with reliable consistency.

SIZES & CONFIGURATIONS

Outside Diameters: 2.5" & 4.5"

Standard Lengths: 5", 10", & 20"

Available Lengths: 30" & 40"

Designed to fit most standard filter housings

MATERIALS OF CONSTRUCTION

Filter Media: 100% Coconut Shell Carbon

Endcaps: Polypropylene

Outer Wrap: Spunbond Polypropylene

Gaskets: EPDM

EH2O P/N →	CTO2510-5	CTO2520-5	CTO4510-5	CTO4520-5
FILTER DIMENSIONS (Nominal O.D. x Length)	2.83" x 9.75" (72mm x 248mm)	2.83" x 20.00" (72mm x 508mm)	4.70" x 9.75" (119mm x 248mm)	4.70" x 20.00" (119mm x 508mm)
MICRON RATING (Nominal)	5 Micron	5 Micron	5 Micron	5 Micron
INITIAL ΔP (PSI) @ Flow Rate (GPM)	<5.0 psi @ 1.0 GPM <0.35 bar @ 3.8 LPM	<6.0 psi @ 2.0 GPM <0.41 bar @ 7.6 LPM	<7.0 psi @ 3.0 GPM <0.48 bar @ 11.4 LPM	<8.0 psi @ 6.0 GPM <0.55 bar @ 22.8 LPM
CHLORINE REDUCTION⁽¹⁾ @ Flow Rate (GPM)	>12,000 gal. @ 0.75 GPM	>24,000 gal. @ 1.5 GPM	>40,000 gal. @ 2.5 GPM	>55,000 gal. @ 5.0 GPM

⁽¹⁾Performance Validated By Both Internal Testing & Independent 3rd Party Laboratories