

## MAXIMUS Series Filters

Part of the Ameri-Block™ series, the new MAXIMUS carbon block filter delivers exceptional performance in a wide range of water quality challenges. Engineered for superior chlorine and chloramine reduction, MAXIMUS also effectively targets lead, mercury, VOCs, PFOA/PFOS, and pharmaceuticals. With a Class 1 Particulate rating, it reduces cysts and microplastics as well.

Manufactured in the USA at Engineered H2O's state-of-the-art automated facility in Palmetto, Florida, MAXIMUS represents a new standard in filtration technology. Combining high-capacity contaminant reduction with consistent performance and reliability.



Part Number	Description	Box Qty
MAXIMUS-2505-1	2.5" x 5" - CTO / MCL / PB / VOC / PFAS / 401 - 0.5 µm~	40
MAXIMUS-2510-1	2.5" x 10" - CTO / MCL / PB / VOC / PFAS / 401 - 0.5 µm~	20
MAXIMUS-2520-1	2.5" x 20" - CTO / MCL / PB / VOC / PFAS / 401 - 0.5 µm~	20
MAXIMUS-4510-1	4.5" x 10" - CTO / MCL / PB / VOC / PFAS / 401 - 0.5 µm~	6
MAXIMUS-4520-1	4.5" x 20" - CTO / MCL / PB / VOC / PFAS / 401 - 0.5 µm~	4

## Key Features & Benefits

- **0.5 Micron Nominal Filtration** — Captures fine particulates, including sediment, rust, and microscopic contaminants for enhanced water clarity and safety.
- **Advanced Contaminant Reduction** — Effectively reduces a broad spectrum of impurities including:
  - Heavy Metals: Lead and mercury
  - Chemical Contaminants: Volatile Organic Compounds (VOCs), PFOA/PFOS
  - Emerging Contaminants & Pharmaceuticals: As defined by NSF/ANSI Standard 401
  - Microplastics
- **Exceptional Taste & Odor Improvement**—Provides superior reduction of chlorine and chloramine, enhancing water taste and eliminating unpleasant odors.\*
- **Cyst Reduction** —Reduction of cysts, such as Cryptosporidium and Giardia by mechanical means
- **Proudly Made in the USA** —Designed, manufactured, and quality-tested in the United States to ensure trusted performance and reliability.

Not for use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the filter



All Ameri-Block™ filters are manufactured using EcoSorb™, a 100% coconut shell carbon that is both renewable and ecologically sustainable. Designed for exceptional performance, MAXIMUS filters offer high dirt-holding capacity, superior adsorption efficiency, and extended service life.

All materials and components are 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™ MAXIMUS Series filters deliver cleaner, better-tasting water with reliable consistency.

## Sizes & Configurations

Designed to fit most standard filter housings

Outside Diameters: 2.5" & 4.5"

Standard Lengths: 5" - 10" - 20"

Available Lengths: 30" & 40"

## Materials of Construction

Filter Media: 100% Coconut Shell Carbon

Endcaps: Polypropylene

Outer Wrap: Spunbonded Polypropylene

Gaskets: EPDM

EH2O P/N ➡	MAXIMUS-2505-1	MAXIMUS-2510-1	MAXIMUS-2510-1	MAXIMUS-4510-1	MAXIMUS-4520-1
<b>FILTER DIMENSIONS</b> (Nominal O.D x Length)	2.83" X 4.88" (72mm x 125mm)	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)
<b>MICRON RATING</b> (nominal)	0.5 micron	0.5 micron	0.5 micron	0.5 micron	0.5 micron
<b>INITIAL ΔP (PSI)</b> @ Flow Rate (GPM)	<10.0 psi @ 0.5 GPM <0.69 bar @ 1.9 LPM	<10.0 psi @ .75 GPM <0.69 bar @ 2.8 LPM	<10.0 psi @ 1.5 GPM <0.69 bar @ 5.0 LPM	<8.0 psi @ 2.5 GPM <0.55 bar @ 9.5 LPM	<8.0 psi @ 5.0 GPM <0.55 bar @ 18.9 LPM
<b>LEAD REDUCTION<sup>(1)</sup></b> @ Flow Rate (GPM)	>600 gal @ 0.5 GPM	>1200 gal @ 0.75 GPM	>2500 gal @ 1.5 GPM	>4000 gal @ 2.5 GPM	>8000 gal @ 5.0 GPM
<b>VOC REDUCTION<sup>(1)</sup></b> @ Flow Rate (GPM)	>300 gal @ 0.5 GPM	>600 gal @ 0.5 GPM	>1200 gal @ 1.0 GPM	>1800 gal @ 1.5 GPM	>3600 gal @ 3.0 GPM
<b>PFAS REDUCTION<sup>(1)</sup></b> @ Flow Rate (GPM)	>300 gal @ 0.5 GPM	>600 gal @ 0.5 GPM	>1200 gal @ 1.0 GPM	>1800 gal @ 1.5 GPM	>3600 gal @ 3.0 GPM
<b>CHLORAMINE REDUCTION<sup>(1)</sup></b> @ Flow Rate (GPM)	>300 gal @ 0.5 GPM	>600 gal @ 0.5 GPM	>1200 gal @ 1.0 GPM	>1800 gal @ 1.5 GPM	>3600 gal @ 3.0 GPM
<b>CHLORINE/TASTE/ODOR REDUC- TION<sup>(1)</sup></b> @ Flow Rate (GPM)	>5000 gal @ 0.5 GPM	>12,000 gal @ .75 GPM	>20,000 gal @ 1.5 GPM	>30,000 gal @ 2.5 GPM	>60,000 gal @ 5.0 GPM
<b>CYST REDUCTION<sup>(2)</sup></b>	YES	YES	YES	YES	YES

<sup>(1)</sup>Performance Validated By Both Internal Testing & Independent 3rd Party Laboratories

<sup>(2)</sup>Reduction of Cysts, Such as Cryptosporidium and Giardia, by Mechanical Means

<sup>(3)</sup>Not for use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the filter

