Ameri-Block™

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-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

NSF COMPONENT

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

Key Features & Benefits

- **0.5 Micron Nominal Filtration** — Captures fine particulates, including microscopic contaminants and microplastics, 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

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.

Contact Us

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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 →	MAXIMUS-2510-1	MAXIMUS-2520-1	MAXIMUS-4510-1	MAXIMUS-4520-1
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)	0.5 Micron	0.5 Micron	0.5 Micron	0.5 Micron
INITIAL ΔP (PSI) @ Flow Rate (GPM)	<10.0 psi @ 0.75 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
LEAD REDUCTION(1) @ Flow Rate (GPM)	>1,200 gal. @ 0.75 GPM	>2,500 gal. @ 1.5 GPM	>4,000 gal. @ 2.5 GPM	>8,000 gal. @ 5.0 GPM
VOC REDUCTION(1) @ Flow Rate (GPM)	>750 gal. @ 0.5 GPM	>1,500 gal. @ 1.0 GPM	>2,250 gal. @ 1.5 GPM	>4,500 gal. @ 3.0 GPM
MTBE REDUCTION(1) @ Flow Rate (GPM)	>750 gal. @ 0.5 GPM	>1,500 gal. @ 1.0 GPM	>2,250 gal. @ 1.5 GPM	>4,500 gal. @ 3.0 GPM
PFAS REDUCTION(1) @ Flow Rate (GPM)	>600 gal. @ 0.5 GPM	>1,200 gal. @ 1.0 GPM	>1,800 gal. @ 1.5 GPM	>3,600 gal. @ 3.0 GPM
CHLORAMINE REDUCTION(1) @ Flow Rate (GPM)	>1,000 gal. @ 0.5 GPM	>2,000 gal. @ 1.0 GPM	>4,000 gal. @ 1.5 GPM	>8,000 gal. @ 3.0 GPM
CHLORINE REDUCTION(1) @ Flow Rate (GPM)	>20,000 gal. @ 0.75 GPM	>40,000 gal. @ 1.5 GPM	>80,000 gal. @ 2.5 GPM	>160,000 gal. @ 5.0 GPM
EMERGING CONTAMINANTS (ANSI/NSF 401)	YES	YES	YES	YES
MICROPLASTICS	YES	YES	YES	YES
CYST REDUCTION(2)	YES	YES	YES	YES

(1)Performance Validated By Both Internal Testing & Independent 3rd Party Laboratories
(2)Reduction of Cysts, Such as Cryptosporidium and Giardia, by Mechanical Means
(3)Not for use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the filter

Engineered H2O™
PURE WATER - PURE INNOVATION

NSF COMPONENT

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CALIFORNIA PROPOSITION 65 PROP 65 COMPLIANT

PREMIUM QUALITY MADE IN USA