



CTO VOC CHLORAMINE FILTER

HYDRO-FLOW™ SERIES CARBON BLOCK CTO VOC CHLORAMINE FILTER

*For Reduction of VOC, Chloramine, Chlorine Taste & Odor,
and Sediment*

FEATURES AND BENEFITS

- Designed for drinking water applications in residential, food equipment, and commercial settings
- For reduction of volatile organic compounds (VOC), chloramine, chlorine taste & odor, and sediment
- Manufactured in the USA
- 0.5-micron rating
- Sediment protection on outer layer
- Short rinse time for carbon fines
- Low pressure drop combined with exceptionally high dirt holding capacity
- Eco-Friendly Materials: Our filters use activated and acid-washed coconut shell carbon, a renewable source of carbon that is environmentally friendly and highly efficient in removing impurities from water.
- Porous and Structured Design: The coconut shell carbon's porous structure allows for effective adsorption of contaminants, while the tightly structured surface helps prevent channeling and clogging in the filtration systems.

At Hydro-Flow, our commitment goes beyond creating high-quality products; it's about fostering a sense of family and proudly championing American craftsmanship.

We take immense pride in being Made in the USA. This commitment means more jobs, shorter lead times, and enhanced inventory management. It reflects our dedication to lowering carbon footprints, reducing global pollution, while strengthening the American economy.

OUR MISSION

But we're more than just filter manufacturers; at Hydro-Flow, we believe in the fundamental right of every individual to access clean, fresh drinking water. We work tirelessly to support this mission, ensuring that our impact resonates far beyond our products.

PRODUCT CERTIFICATIONS

- IAPMO R&T Component Certified to NSF/ANSI Standard 42 for material safety and certified to NSF/ANSI Standard 372
- Performance claims tested and verified by independent ANSI accredited laboratories

QUALITY STANDARDS

- Repeated certification verification testing for Prop 65 California compliance
- Comprehensive, continuous in-house quality monitoring and testing



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PRODUCT LINE

CTO VOC Chloramine carbon block have a nominal rating of **0.5 micron**.

Model Number	Dimensions	VOC Reduction Capacity*	Chloramine Reduction Capacity*	Chlorine Reduction Capacity*	Pressure Drop*
HFVOC-10	2.5" x 10"	1,000 Gal @ 1 GPM 2,800 L @ 3.8 l/min	2,000 Gal @ 1 GPM 5,700 L @ 3.8 l/min	60,000 Gal @ 1 GPM 75,000 L @ 3.8 l/min	10 PSID @ 1 GPM
HFVOC-20	2.5" x 20"	2,000 Gal @ 2 GPM 5,700 L @ 7.6 l/min	4,000 Gal @ 2 GPM 11,000 L @ 7.6 l/min	80,000 Gal @ 2 GPM 150,000 L @ 7.6 l/min	10 PSID @ 2 GPM
HFVOC-10-4	4.5" x 10"	3,000 Gal @ 3 GPM 7,500 L @ 11.4 l/min	6,000 Gal @ 3 GPM 13,000 L @ 11.4 l/min	160,000 Gal @ 3 GPM 227,000 L @ 11.4 l/min	7 PSID @ 3 GPM
HFVOC-20-4	4.5" x 20"	4,000 Gal @ 6 GPM 14,000 L @ 22.7 l/min	12,000 Gal @ 6 GPM 26,500 L @ 22.7 l/min	320,000 Gal @ 6 GPM 454,000 L @ 22.7 l/min	7 PSID @ 6 GPM

*Based on manufacturer's internal testing. Performance claims are based on independent laboratory and manufacturer's internal test data. Actual performance is dependent on influent water quality, flow rates, system design and application. Results may vary. Micron ratings are based on > 85% removal of the given particle size. Estimated capacity > 90% reduction in chlorine at 2 ppm, > 83% reduction in chloramine at 3ppm and > 95% reduction of VOC using chloroform as a surrogate.

Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system. The contaminants or substances reduced by this filter are not necessarily in your water.

SPECIFICATIONS

- Operating Pressure: 20 - 125 psi (1.38 - 8.62 bar)
- Operating Temperature: 40 - 125°F (4 - 42°C)
- Fits standard 10" and 20" drop in housing

CERTIFICATIONS



Tested and certified by NSF International against NSF/ANSI Standard 42 for material requirements only and NSF/ANSI 372 lead free.



This filter has been certified by IAPMO R&T to NSF/ANSI 42 for material safety only.

WARRANTY

Hydro-Flow Filtration Technologies warrants that the products delivered will be free from any defects in workmanship or materials. Further, the warranty provided herein applies only when used within the product's specifications and service life, from the date of installation, beyond which time or use Hydro-Flow Filtration Technologies is absolved of any and all liability for any use of the product. In the event of defect or non-conformity, buyer shall promptly notify Hydro-Flow Filtration Technologies in writing, supplying proof of purchase dates, installation dates, and will protect and retain the products for investigation, or Hydro-Flow Filtration Technologies is absolved of any and all liability for any use of the product. There are no other warranties, either merchantability or fitness, either expressed or implied.

NOTES

Performance and product specifications are based upon the filter being integrated with a complete system. This system includes filter, housing, fittings, tubing and connected to a regulated pressurized water source. Filter requires 5 minutes flush or until the water runs clear and clean. Refer to system installation and operation manual for proper installation and filter replacement process. It is essential to follow operational, maintenance, and filter replacement procedures to ensure proper filter performance.

Cartridge capacity may vary according to flow rate, inlet line pressure and local water conditions, which may require more frequent cartridge replacement.



MANUFACTURED BY:

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