

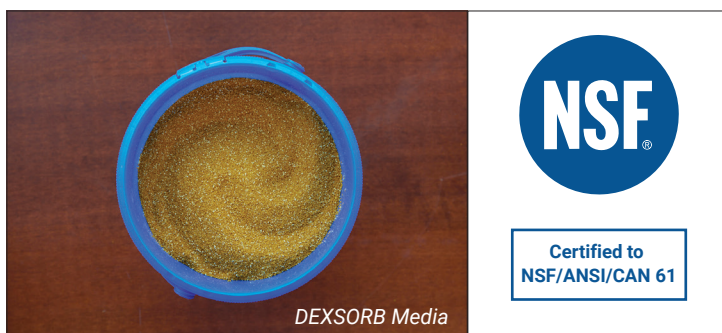
Purefast® Home20: Point-of-Entry Water System for PFAS Removal



High-performance water filtration system with DEXSORB® media that removes PFAS from every tap in your home, with a capacity of 20,000 gallons. The Purefast Home20 filter cartridge connects to your residential water system and is compatible with Big Blue Filter Systems.

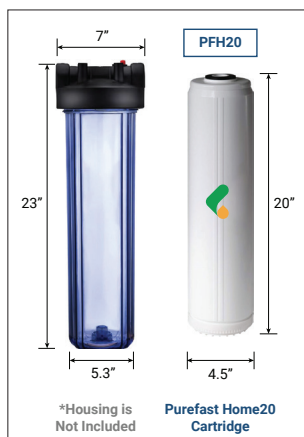
DEXSORB for PFAS Removal

Cyclopure's DEXSORB granular adsorbent is a first-ever use of renewable cyclodextrins in water treatment. Sub-nanometer cyclodextrins are molecularly selective for removal of per- and polyfluorinated alkyl substances (PFAS) from drinking water. DEXSORB is certified under NSF 61 as safe for drinking water treatment.



Product Specifications

- Treatment Capacity¹⁾: 20,000 gallons
- Operating Temperature: 40-120°F
- Pressure Drop Spec: < 5 psi @ 5 gpm
- Max Operating Pressure: 100 psi
- Size: 4.5" (Diameter) x 20" (Height)
- Rated Flow Rate: 5 gpm
- Peak Flow Rate: 10 gpm
- Compatible with Big Blue Filter Systems



Pricing

- \$200 per unit, including the filtration cartridge pre-loaded DEXSORB media, plus a PFAS water test kit.
- Big Blue Filter Housing not included
- Taxes and shipping not included

¹⁾ Treatment capacity is based on the above Rated Flow Rates.

²⁾ Non-Detect means < 1 ng/L. (1 ng/L = 1 ppt)

³⁾ Defined by US EPA, Hazard Index = PFHxS in ppt /9 ppt + PFNA in ppt /10 ppt + GenX in ppt /10 ppt + PFBS in ppt /2000 ppt. And the Hazard Index should be < 1.0 to comply with the proposed drinking water PFAS limit by US EPA.

Performance Data Sheet

Internal testing demonstrates full removal of 8 PFAS (i.e., PFOA, PFOS, PFHpA, PFHxS, PFNA, GenX, PFBS, and PFDA) at an influent concentration of 50 ppt per PFAS.

Substance	Influent Challenge Concentration	Effluent Concentration	US EPA Proposed Drinking Water Limit
PFOA	50 ng/L	Non-Detect ²⁾	< 4 ng/L
PFOS	50 ng/L	Non-Detect	< 4 ng/L
PFHpA	50 ng/L	Non-Detect	NA
PFHxS	50 ng/L	Non-Detect	Hazard Index ³⁾ < 1.0
PFNA	50 ng/L	Non-Detect	Hazard Index < 1.0
GenX	50 ng/L	Non-Detect	Hazard Index < 1.0
PFBS	50 ng/L	Non-Detect	Hazard Index < 1.0
PFDA	50 ng/L	Non-Detect	NA

Demonstrated Performance

DEXSORB has been applied in other residential filtration products and large-scale engineered treatment systems across the U.S. It has demonstrated superior effectiveness and capacity for PFAS removal in drinking water, surface water and groundwater.

- Purefast Countertop Filter: Using DEXSORB media in the filter, Cyclopure's Purefast filter for Brita pitchers has been certified under NSF 53 for the removal of PFOA/PFOS.
- DEXSORB is being used to treat PFAS at municipal drinking water plants in pilot systems in Massachusetts, Maryland and Alabama. The DEXSORB Packed-Bed Filtration System has received New Technology Approval in the State of Massachusetts to treat PFAS in drinking water.
- Purefast Home80 has been available for sale and installed in U.S. households to remove PFAS from drinking water since September 2023.

Replacements

- After 3 months, you will receive an email reminder to check if you have reached 20,000 gallons of water usage.
- If you participate in the filter exchange program and return your used PFH20 filter to Cyclopure's Chicago facility, you will receive a \$20 discount for the replacement filter.
- The replacement cartridge is compact (4.5" x 20"), and can be easily switched out without additional plumbing.
- See Filter Exchange Program below to learn more.

Filter Exchange Program

- Sustainability is a priority at Cyclopure. Our Purefast Home Water Treatment System will do the work to achieve ZERO PFAS at every tap in your home. If you return your used filter vessel to the company, we will ensure that ZERO PFAS waste is returned to the environment.
- We use Cyclopure's proprietary PFAS desorption and media regeneration method to separate PFAS from used DEXSORB media at ambient conditions. The separated PFAS waste will then be fully destroyed. Regenerated DEXSORB will be reconditioned and recycled for reuse!
- When you are ready to replace your current filter, contact us to place a new order. When you receive the new filter, save the shipping box to return the used filter to our Chicago facility. Shipping is prepaid.

Warranties

Performance claims are based on internal test data. Actual performance is dependent on influent water quality, flow rates, system design and application. Results may vary. Cyclopure makes no warranties of any kind, expressed or implied, statutory or otherwise, and expressly disclaims all warranties of every kind, concerning its Purefast Home filters, including, without limitation, warranties of merchantability and fitness for a particular purpose, except (i) that the filter should be capable of performing as described in the Performance Data Sheet, and (ii) the filter will be free of defects in materials and workmanship, when used in compliance with installation and operating guidelines, for a period of 12 months from the date of purchase. The company's obligation shall be limited solely to the refund of the purchase price or replacement of the product proven defective, in Cyclopure's sole discretion. Determination of suitability of this product for uses and applications contemplated by Buyer shall be the sole responsibility of Buyer. Use of this product constitutes Buyer's acceptance of this Limited Liability.

Installation Diagram

