

Performance Data for the Epic Water Filters PFAS Water Pitcher Filter

| | | | |
|----------------------------------|---|-----------------------|------------------------|
| Replacement | Product Type | Capacity | Operating Temperatures |
| EW-RPFT-PFAS | Gravity Water Pitcher | 150 Gallons (567.8 L) | 38-85 F (4-30 C) |
| Testing Updated: March 1st, 2024 | Manufactured by Epic Water Filters, Inc. - www.epicwaterfilters.com - Boulder, CO USA 720-600-0371 | | |

Testing performed under NSF/ANSI Standards 42, 53, & 401. This filter has been tested according to NSF/ANSI 42, 53, & 401. for the reduction of substances listed below. The concentration of the indicated substances in water entering the system was reduced to a concentration less than or equal to the permissible limit for the water leaving the filter as specified in NSF/ANSI 42, 53, & 401. Additional testing has been performed for the removal or reduction of perfluorinated compounds (PFOA, PFOS) and Microplastics.

Chemical Additives NSF/ANSI 42/53

| Contaminant | Influent Water (mg/L) | Filtered Water (mg/L) | % Removal |
|-------------|-----------------------|-----------------------|-----------|
| Chlorine | 1.85 mg/L | 0.03 | 98.4% |
| Nitrate | 27.5 mg/L | 3.25 | 88.2% |
| Sulfate | 750 mg/L | 153 | 79.6% |
| Chloramine | 2.7 mg/L | 0.03 | 98.89% |

Heavy Metals NSF/ANSI 42/53

| Contaminant | Influent Water (µg/L) | Filtered Water (µg/L) | % Removal |
|-------------|-----------------------|-----------------------|-----------|
| Aluminum | 202 | 47 | 76.70% |
| Barium | 1031 | 74.8 | 92.70% |
| Beryllium | 50.1 | <1 | 98.00% |
| Cadmium | 30.2 | <1 | 96.70% |
| Chromium 6 | 304 | 2.5 | 99.20% |
| Copper | 3009 | 127 | 95.80% |
| Iron | 3014 | 145 | 95.20% |
| Lead | 0.01551 | 0.00001 | 99.94% |
| Manganese | 1002 | 9 | 99.10% |
| Mercury | 6.1 | <0.5 | 91.80% |
| Zinc | 104 | 7.9 | 92.40% |

Volatile Organic Compounds NSF/ANSI 53

| Contaminant | Influent Water (µg/L) | Filtered Water (µg/L) | % Removal |
|---------------------------|-----------------------|-----------------------|-----------|
| Chloromethane | 50.2 | <0.5 | >99% |
| Vinylchloride | 43.5 | <0.5 | >98.9% |
| Bromomethane | 22.3 | <0.5 | >97.8% |
| Chloroethane | 28.1 | <0.5 | >98.2% |
| Fluorotrichloromethane | 28.5 | <0.5 | >98.2% |
| 1, 1-Dichloroethene | 77 | <0.5 | >99.4% |
| Methylene Chloride | 18.2 | <0.5 | >97.3% |
| trans-1, 2-Dichloroethene | 78.4 | <0.5 | >99.4% |
| MTBE | 73.4 | <0.5 | >99.3% |
| 1, 1-Dichloroethane | 92.1 | <0.5 | >99.5% |
| cis-1, 2-Dichloroethene | 181 | <0.5 | >99.7% |

Volatile Organic Compounds NSF/ANSI 53

Pesticides NSF/ANSI 53

| Contaminant | Influent Water (µg/L) | Filtered Water (µg/L) | % Removal |
|-----------------------------|-----------------------|-----------------------|-----------|
| Alachlor | 502 | <0.1 | >99.9% |
| Hexachlorobenzene | 50.1 | <0.1 | >99.8% |
| Hexachlorocyclopentadiene | 51 | <0.1 | >99.8% |
| Delta-BHC | 50.1 | <0.1 | >99.8% |
| Propachlor | 50.2 | <0.1 | >99.8% |
| Molinate | 50.1 | <0.1 | >99.8% |
| Alpha-BHC | 51 | <0.1 | >99.8% |
| Beta-BHC | 50.2 | <0.1 | >99.8% |
| Gamma-BHC (Lindane) | 50.2 | <0.1 | >99.8% |
| Atrazine | 98.4 | <0.1 | >99.8% |
| Simazine | 50 | <0.1 | >99.8% |
| Metribuzin | 50.8 | <0.1 | >99.8% |
| Heptachlor | 48.4 | <0.1 | >99.8% |
| Metolachlor | 50.2 | <0.1 | >99.8% |
| Butylate | 42.1 | <0.1 | >99.8% |
| 2,4-D | 50.1 | <0.1 | >99.8% |
| Aldrin | 49.5 | <0.1 | >99.8% |
| Heptachlor Epoxide | 50.5 | <0.1 | >99.8% |
| Trans-Chlordane (Nonachlor) | 50.5 | <0.1 | >99.8% |
| Butachlor | 51.2 | <0.1 | >99.8% |
| Endosulfan I | 42.9 | <0.1 | >99.8% |
| Cis-Chlordane | 51.8 | <0.1 | >99.8% |
| p,p'-DDE | 56.4 | <0.1 | >99.8% |
| Dieldrin | 47.5 | <0.1 | >99.8% |
| Endrin | 60.1 | <0.1 | >99.8% |
| Endosulfan II | 40.2 | <0.1 | >99.8% |
| p,p'-DDD | 44.1 | <0.1 | >99.8% |
| Endrin Aldehyde | 45.1 | <0.1 | >99.8% |
| p,p'-DDT | 60.2 | <0.1 | >99.8% |
| Endosulfan Sulfate | 51.5 | <0.1 | >99.8% |
| Endrin Ketone | 50.3 | <0.1 | >99.8% |

| Contaminant | Influent Water (µg/L) | Filtered Water (µg/L) | % Removal |
|----------------------------|-----------------------|-----------------------|-----------|
| Carbon Tetrachloride | 88.5 | <0.5 | >99.4% |
| 1, 1, 1-Trichloroethane | 84.8 | <0.5 | >99.4% |
| 1, 1-Dichloropropane | 8.8 | <0.5 | >94.3% |
| Benzene | 80.5 | <0.5 | >99.4% |
| 1, 2-Dichloroethane | 88.2 | <0.5 | >99.4% |
| Trichloroethene | 180 | <0.5 | >99.7% |
| Dibromomethane | 18 | <0.5 | >97.2% |
| 1, 2-Dichloropropane | 80.1 | <0.5 | >99.4% |
| cis-1, 3-Dichloropropene | 79.5 | <0.5 | >99.4% |
| Toluene | 78.3 | <0.5 | >99.4% |
| trans-1, 3-Dichloropropene | 79.5 | <0.5 | >99.4% |
| Tetrachloroethene | 85.2 | 0.47 | 99.40% |
| 1, 1, 2-Trichloroethane | 110.2 | <0.5 | >99.5% |
| 1, 3-Dichloropropane | 92.2 | <0.5 | >99.5% |
| Ethylene Dibromide (EDB) | 44.8 | <0.5 | >98.9% |
| Ethylbenzene | 88.2 | <0.5 | >99.4% |
| Chlorobenzene | 77.2 | <0.5 | >99.4% |
| m and p-Xylene | 80.3 | <0.5 | >99.4% |
| o-Xylene | 40.2 | <0.5 | >98.8% |
| Styrene | 150 | <0.5 | >99.7% |
| Isopropylbenzene | 6.78 | <0.5 | >92.6% |
| n-propylbenzene | 9.35 | <0.5 | >94.7% |
| 2, 2-Dichloropropane | 10.2 | <0.5 | >95.1% |
| Bromochloromethane | 80.9 | <0.5 | >99.4% |
| Bromobenzene | 12.1 | <0.5 | >95.9% |
| 2-Chlorotoluene | 10.4 | <0.5 | >95.2% |
| 1, 2, 3-Trichloropropane | 19.5 | <0.5 | >97.4% |
| 4-Chlorotoluene | 10.2 | <0.5 | >95.1% |
| Tert-Butylbenzene | 10.4 | <0.5 | >95.2% |
| 1, 2, 4-Trimethylbenzene | 10.1 | <0.5 | >95.0% |
| sec-Butylbenzene | 7.86 | <0.5 | >93.6% |
| 4-Isopropyltoluene | 10 | <0.5 | >95% |
| 1, 3-Dichlorobenzene | 40.2 | <0.5 | >98.8% |
| 1, 4-Dichlorobenzene | 40 | <0.5 | >98.8% |
| n-Butylbenzene | 10.1 | <0.5 | >95% |
| 1, 2-Dichlorobenzene | 80.4 | <0.5 | >99.4% |
| Dibromo-3-Chloropropane | 50.2 | <0.5 | >99% |
| Hexachlorobutadiene | 44 | <0.5 | >98.9% |
| 1, 2, 4-Trichlorobenzene | 13.8 | <0.5 | >96.4% |
| Naphthalene | 160 | <0.5 | >99.7% |
| 1, 2, 3-Trichlorobenzene | 14.4 | <0.5 | >96.5% |

Volatile Organic Compounds NSF/ANSI 53

| Pesticides NSF/ANSI 53 | | | |
|-----------------------------------|-----------------------|-----------------------|-----------|
| Contaminant | Influent Water (µg/L) | Filtered Water (µg/L) | % Removal |
| Carbofuran | 80.4 | <0.1 | >99.9% |
| Chlorneb | 50.5 | <0.1 | >99.8% |
| Chlorthalonil | 51.4 | <0.1 | >99.8% |
| Chlorprophane | 52.5 | <0.1 | >99.8% |
| Cyanazine | 50.5 | <0.1 | >99.8% |
| Dichlorvos | 51.4 | <0.1 | >99.8% |
| Diphenamid | 50 | <0.1 | >99.8% |
| Disulfoton | 50.2 | <0.1 | >99.8% |
| Fenamiphos | 52.1 | <0.1 | >99.8% |
| Fenarimol | 50 | <0.1 | >99.8% |
| Fluoridone | 51.1 | <0.1 | >99.8% |
| Ethoprop | 50.4 | <0.1 | >99.8% |
| Toxaphene | 15.2 | <0.1 | >99.3% |
| PCB's | 10.5 | <0.1 | >99% |
| Methoxychlor | 51.1 | <0.1 | >99.8% |
| Bromacil | 50.1 | <0.1 | >99.8% |
| Chlorpyrifos | 66.9 | <0.5 | >99.18% |
| Total Trihalomethanes NSF/ANSI 53 | | | |
| Contaminant | Influent Water (µg/L) | Filtered Water (µg/L) | % Removal |
| Chloroform | 84.2 | 3.97 | 95.3 |
| Bromodichloromethane | 82.5 | <0.5 | >99.4 |
| Chlorodibromomethane | 80.4 | <0.5 | >99.4 |
| Bromoform | 82.5 | <0.5 | >99.4 |
| Semi-Volatiles NSF/ANSI 53 | | | |
| Contaminant | Influent Water (µg/L) | Filtered Water (µg/L) | % Removal |
| N-Nitrosodimethylamine | 50.5 | <0.1 | >99.8% |
| Phenol | 50.2 | <0.1 | >99.8% |
| Bis(2-chloroethyl) ether | 50.8 | <0.1 | >99.8% |
| 2-Chlorophenol | 50.5 | <0.1 | >99.8% |
| 1,3-Dichlorobenzene | 51.3 | <0.1 | >99.8% |
| 1,4-Dichlorobenzene | 50 | <0.1 | >99.8% |
| 1,2-Dichlorobenzene | 49.8 | <0.1 | >99.8% |
| 2,2-Oxybis(1-chloropropane) | 51 | <0.1 | >99.8% |
| Hexachloroethane | 50.1 | <0.1 | >99.8% |
| N-Nitroso-di-n-propylamine | 48.8 | <0.1 | >99.8% |
| Nitrobenzene | 60.5 | 3.9 | 93.60% |
| Isophrone | 49.1 | <0.1 | >99.8% |
| 2-Nitrophenol | 49.8 | 0.5 | 99% |
| 2,2-Dimethylphenol | 49.1 | 1.5 | 96.90% |
| Bis(2-chloroethoxy)methane | 47.8 | <0.1 | >99.8% |
| 1,2,4-Trichlorobenzene | 48.8 | <0.1 | >99.8% |

| Contaminant | Influent Water (µg/L) | Filtered Water (µg/L) | % Removal |
|-----------------------------|-----------------------|-----------------------|-----------|
| 1,1-Dichloro-2-propanone | 7.8 | <0.5 | >93.6% |
| 1,1,1-Trichloro-2-propanone | 14.1 | <0.5 | >96.5% |
| Dichloroacetonitrile | 9.9 | <0.5 | >94.9% |
| Trichloroacetonitrile | 15 | <0.5 | >96.7% |
| Bromoacetonitrile | 22 | <0.5 | >97.7% |
| Dibromoacetonitrile | 24.5 | <0.5 | >98% |
| 1,4 Dioxane | 47.8 | 0.02 | 99.58% |

Pharmaceuticals & Emerging Contaminants NSF/ANSI 401

| Contaminant | Influent Water (µg/L) | Filtered Water (µg/L) | % Removal |
|---------------------------|-----------------------|-----------------------|-----------|
| Bisphenol A | 2.02 | <0.02 | >99% |
| Ibuprofen | 0.46 | <0.02 | >95.6% |
| Trimethoprim | 0.2 | <0.02 | >90% |
| Naproxen | 0.21 | <0.02 | >90.9% |
| Acetaminophen | 2.42 | <0.02 | >99.2% |
| Ciprofloxacin | 2.605 | <0.02 | >99.2% |
| Sulfamethoxazole | 2.01 | <0.02 | >99% |
| 17-beta-Estradiol | 2.002 | <0.02 | >99% |
| Caffeine | 1.845 | <0.02 | >98.9% |
| Fluoxetine | 1.95 | <0.02 | >99% |
| Gemfibrozil | 1.96 | <0.02 | >99% |
| Triclosan | 1.27 | <0.02 | >98.4% |
| Estrone | 0.25 | <0.02 | >91.3% |
| Diclofenac Sodium | 1.94 | <0.02 | >98.9% |
| Primidone | 1.99 | <0.02 | >99% |
| Carbamazepine | 1.47 | <0.02 | >98.6% |
| Testosterone | 1.46 | <0.02 | 98.60% |
| Progesterone | 2.09 | <0.02 | >99% |
| 4-tert-Octylphenol | 2.04 | <0.02 | >99% |
| 17-alpha-Ethynylestradiol | 2.2 | <0.02 | >99.1% |
| 4-para-Nonylphenol | 2.3 | <0.02 | >99.1% |
| Meprobamate | 0.45 | <0.02 | >95.6% |
| Erythromycin | 1.42 | <0.02 | >98.6% |
| 4-Tert-Octylphenol | 1.47 | <0.02 | >98.6% |

Haloacetic Acids NSF/ANSI 53

| Contaminant | Influent Water (µg/L) | Filtered Water (µg/L) | % Removal |
|------------------------|-----------------------|-----------------------|-----------|
| Monochloroacetic Acid | 191.2 | 2.92 | 99.35% |
| Monobromoacetic Acid | 421.11 | <0.01 | >99.99% |
| Dichloroacetic Acid | 568.33 | <0.01 | >99.99% |
| Trichloroacetic Acid | 416.83 | 1.3 | 99.99% |
| Bromochloroacetic Acid | 452.04 | 2.63 | 99.99% |
| Dibromoacetic Acid | 425.52 | <0.01 | >99.99% |

| Semi-Volatiles NSF/ANSI 53 | | | |
|------------------------------|-----------------------|-----------------------|-----------|
| Contaminant | Influent Water (µg/L) | Filtered Water (µg/L) | % Removal |
| 4-Chloro-3-methylphenol | 51 | <0.1 | >99.8% |
| Hexachlorocyclopentadiene | 50.6 | <0.1 | >99.8% |
| 2,4,6-Trichlorophenol | 50 | 2.7 | 94.6% |
| 2-Chloronaphthalene | 49.8 | <0.1 | >99.8% |
| Acenaphthylene | 48.4 | <0.1 | >99.8% |
| Dimethylphthalate | 49 | 2.5 | 94.90% |
| 2,6-Dinitrotoluene | 47.1 | <0.1 | >99.8% |
| Acenaphthene | 36 | <0.1 | >99.7% |
| 2,4-Dinitrophenol | 50 | 6.5 | 87% |
| 1, 1, 2, 2-Tetrachloroethane | 81.2 | <0.5 | >99.8% |
| Naphthalene | 47.1 | <0.1 | >99.8% |
| Hexachlorobutadiene | 49.6 | <0.1 | >99.8% |

Herbicides NSF/ANSI 53

| Contaminant | Influent Water (µg/L) | Filtered Water (µg/L) | % Removal |
|---------------------|-----------------------|-----------------------|-----------|
| Dalapon | 270.4 | <0.1 | >99.9% |
| 3,5-Dichlorobenzoic | 29 | <0.1 | >99.6% |
| Dicamba | 150.7 | <0.1 | >99.9% |
| Diclorprop | 151 | <0.1 | >99.9% |
| 2,4-D | 20.2 | <0.1 | >99.5% |
| Pentachlorophenol | 22.8 | <0.1 | 99.6% |
| 2,4,5-T | 150.2 | <0.1 | >99.9% |
| Chloramben | 28.8 | <0.1 | >99.6% |
| 2,4,5-TP | 17.4 | <0.1 | 98.90% |
| 2,4-DB | 33.4 | <0.1 | >99.7% |
| Dinosep | 52.5 | <0.1 | >99.8% |
| Bentazon | 40.5 | <0.1 | >99.7% |
| Picloram | 40.5 | <0.1 | >99.7% |
| DCPA | 43.8 | <0.1 | >99.8% |
| Quinclorac | 42.2 | <0.1 | >99.9% |
| Acifluoren | 42.48 | <0.1 | >99.9% |
| Glyphosate | 802 | <0.1 | >99.9% |

Perfluorinated Compounds NSF/ANSI P473

| Contaminant | Influent Water (µg/L) | Filtered Water (µg/L) | % Removal |
|------------------------------------|-----------------------|-----------------------|-----------|
| Perfluorooctanoic Acid (PFOA) | 0.52 | <0.002 | >99.6% |
| Perfluorooctanane Sulfonate (PFOS) | 1.04 | <0.002 | >99.8% |

Microplastics NSF/ANSI 401

| Contaminant | Microplastics / L | Filtered Water (µg/L) | % Removal |
|---------------|-------------------|-----------------------|-----------|
| Microplastics | 430,200 | 3,240 | 99.62% |

Radiological Elements

| Contaminant | Influent Water (µg/L) | Filtered Water (µg/L) | % Removal |
|-------------|-----------------------|-----------------------|-----------|
|-------------|-----------------------|-----------------------|-----------|



| | | | |
|-------------------|------|------|--------|
| Gross Alpha | 37.2 | <0.1 | >99.73 |
| Plutonium 238/239 | 37.2 | <0.1 | >99.73 |
| Radium 226/228 | 37.2 | <0.1 | >99.73 |
| Thorium 230 | 37.2 | <0.1 | >99.73 |
| Uranium 235/238 | 37.2 | <0.1 | >99.73 |
| Gross Beta | 36.4 | <0.1 | >99.73 |
| Cesium 137 | 36.4 | <0.1 | >99.73 |
| Cobalt 60 | 36.4 | <0.1 | >99.73 |
| Iodine 129/131 | 36.4 | <0.1 | >99.73 |
| Strontium 90 | 36.4 | <0.1 | >99.73 |

CERTIFICATION OF RESULTS:

All analyses, and reporting performed herein, comply with all requirements set forth in N.J.A.C. 7:9E and N.J.A.C. 7:18, and hereby certify that this laboratory is in compliance with all laboratory certification and quality control procedures and requirements as set forth in N.J.A.C. 7:18; the NYCRR Subpart 55-2, the National Environmental Laboratory Accreditation Conference (NELAC) Institute Standards, and the ISO 17025.