

Aquaperform

Multipure's Aquaperform Drinking Water System is your solution for the water contamination dangers of today, tomorrow and beyond. It features Multipure's Solid Carbon Block technology specially engineered for the reduction of some of the most concerning health contaminants including Forever Chemicals, Microplastics and Arsenic V. The Aquaperform features a stainless steel housing and is designed for both versatility and additional contaminant reduction performance.

Specifications

Model Name	MP880
Replacement Filter Type	CB11As
Filter Capacity	600 Gallons
Flow Rate	1.0 gpm
Housing Composition	Stainless Steel
Inlet	1/8" NPT
Outlet	1/8" NPT
System Size	11" h x 5.75" w
Working Pressure Range	30 psi (2.1 kg/cm ²) to 100 psi (7.0 kg/cm ²)
Operating Temperature Range	32° F (0° C) to 100° F (38° C) - for cold water use only
Housing Warranty	Lifetime



The Aquaperform is proven performance, third-party tested and verified: NSF-certified to treat contaminants of Aesthetic Concern (Standard 42). NSF-certified to treat contaminants of Health Concern (Standard 53). NSF-certified to treat Emerging Contaminants (Standard 401). The Aquaperform features a stainless steel housing and is designed for both versatility and additional contaminant reduction performance.

System Options

Base System - The base Aquaperform system can be used in-line with other existing hardware (e.g., existing faucet, ice maker, etc.), but includes no additional plumbing hardware. It can utilize compatible below-sink and countertop parts and accessories.

Below-Sink Kit - This installation kit includes a stand-alone chrome faucet and the necessary hardware to attach the system to a cabinet wall below the sink. The system connects to the cold water line with an included Adapta Valve, and the faucet requires a 0.5" hole available in the countertop or sink for installation.

A below-sink Aquaperform is intended for a more permanent installation, although it can be removed and converted for countertop use with the optional countertop kit. The below-sink Aquaperform is designed to mount on the side of the cabinet, but can rest on the floor of the cabinet with an optional acrylic base (MC840).

Countertop Kit - The standard countertop installation kit includes a dual-hose diverter valve and an acrylic base that allows the system to sit on top of the counter next to the sink. The system connects to the sink faucet with the dual-hose diverter valve, outputting filtered water from a spigot on the diverter valve itself. Filtered or unfiltered water can be selected by a push-button on the diverter valve.

Single Hose Diverter Kit - This installation kit includes a single-hose diverter kit and an acrylic base that allows the system to sit on top of the counter next to the sink. The system connects to the sink faucet with the single-hose diverter valve, outputting filtered water from a faucet attached to the top of the system housing. Filtered or unfiltered water can be selected by a push-button on the diverter valve.



Below-Sink Kit
(Faucet Included)



Countertop Kit
(Dual-hose Diverter Valve Included)



Single Hose Diverter Kit
(Single-hose Diverter Valve Included)

NSF Performance Data

NSF/ANSI 42 - Aesthetic Effects

This system has been tested according to NSF/ANSI 42 for reduction of the 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 water leaving the system, as specified in NSF/ANSI 42.

Contaminant	Percent Reduction**	Influent challenge concentration (mg/L unless specified)	Maximum permissible product water concentration (mg/L unless specified)
CHLORAMINE	>97.5%	3.0 ± 10%	0.5000
CHLORINE	>97.5%	2.0 ± 10%	≥ 50%*
Particulate Class I	99.8%	min. 10,000 particles/mL	≥ 85%*

NSF/ANSI 53 - Health Effects

This system has been tested according to NSF/ANSI 53 for reduction of the 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 water leaving the system, as specified in NSF/ANSI 53.

Contaminant	Percent Reduction**	Influent challenge concentration (mg/L unless specified)	Maximum permissible product water concentration (mg/L unless specified)
ALACHLOR*	>98%	0.0500	0.0010
ARSENIC (pentavalent As (V); As (+5); arsenate @ 6.5 pH	>98%	0.050 ± 10%	0.0100
ARSENIC (pentavalent As (V); As (+5); arsenate @ 8.5 pH	97.6%	0.050 ± 10%	0.0100
ASBESTOS	>99%	10 ⁷ to 10 ⁸ filbers/L	99%*
ATRAZINE*	>97%	0.1000	0.0030
BENZENE*	>99%	0.0810	0.0010
BROMODICHLOROMETHANE (TTHM)*	>99.8%	0.300	0.015
BROMOFORM (TTHM)*	>99.8%	0.300	0.015
CARBOFURAN (Furadan)*	>99%	0.1900	0.0010
CARBON TETRACHLORIDE*	98%	0.0780	0.0018
CHLORDANE	>99.5%	0.040 ± 10%	0.0020
CHLOROBENZENE (Monochlorobenzene)*	>99%	0.0770	0.0010
CHLOROPICRIN*	99%	0.0150	0.0002
CHLOROFORM (TTHM)* (surrogate chemical)	>99.8%	-	95%*
Cryptosporidium (CYST)	99.95%	minimum 50,000/L	99.95% reduction requirement
CYST (Giardia; Cryptosporidium; Entamoeba; Toxoplasma)	>99.95%	minimum 50,000/L	99.95%*
2, 4-D*	98%	0.1100	0.0017

Contaminant	Percent Reduction**	Influent challenge concentration (mg/L unless specified)	Maximum permissible product water concentration (mg/L unless specified)
1,2-DCA (see 1,2-DICHLOROETHANE)*	95%	0.088	0.0048
1,1-DCE (see 1,1-DICHLOROETHYLENE)*	>99%	0.083	0.001
DIBROMOCHLOROMETHANE (THM; Chlorodibromomethane)*	>99.8%	0.300	0.015
DIBROMOCHLOROPROPANE (DBCP)*	>99%	0.052	0.00002
o-DICHLOROBENZENE (1,2 Dichlorobenzene)*	>99%	0.0800	0.0010
p-DICHLOROBENZENE (para-Dichlorobenzene)*	>98%	0.0400	0.0010
1,2-DICHLOROETHANE (1,2-DCA)*	95%	0.0880	0.0048
1,1-DICHLOROETHYLENE (1,1-DCE)*	>99%	0.0830	0.0010
CIS-1,2-DICHLOROETHYLENE*	>99%	0.170	0.0005
TRANS-1,2- DICHLOROETHYLENE*	>99%	0.0860	0.0010
1,2-DICHLOROPROPANE (Propylene Dichloride)*	>99%	0.0800	0.0010
CIS-1,3- DICHLOROPROPYLENE*	>99%	0.1700	0.0005
DINOSEB*	99%	0.1700	0.0020
EDB (see ETHYLENE DIBROMIDE)*	>99%	0.044	0.00002
ENDRIN*	99%	0.0530	0.0006
Entamoeba (see CYSTS)	99.95%	minimum 50,000/L	99.95% reduction requirement
ETHYLBENZENE*	>99%	0.0880	0.0010
ETHYLENE DIBROMIDE (EDB)*	>99%	0.0440	0.0000
Furadan (see CARBOFURAN)*	>99%	0.19	0.001
Giardia Lamblia (see CYST)	>99.95%	minimum 50,000/L	99.95% reduction requirement
HALOACETONITRILES (HAN)*			
BROMOCHLOROACETONITRILE	98%	0.0220	0.0005
DIBROMOACETONITRILE	98%	0.0240	0.0006
DICHLOROACETONITRILE	98%	0.0096	0.0002
TRICHLOROACETONITRILE	98%	0.0150	0.0003
HALOKETONES (HK):*			
1,1-DICHLORO-2-PROPANONE	99%	0.0072	0.0001
1,1,1-TRICHLORO-2-PROPANONE	96%	0.0082	0.0003
HEPTACHLOR*	>99%	0.0250	0.0000
HEPTACHLOR EPOXIDE*	98%	0.0107	0.0002
HEXACHLOROBUTADIENE (Perchlorobutadiene)*	>98%	0.0440	0.0010
HEXACHLOROCYCLOPENTADIENE*	>99%	0.0600	0.0000
LEAD (pH 6.5)	>99.7%	0.15 ± 10%	0.0100
LEAD (pH 8.5)	>99.3%	0.15 ± 10%	0.0100
LINDANE*	>99%	0.0550	0.0000
MERCURY (pH 6.5)	>96.6%	0.006 ± 10%	0.0020
MERCURY (pH 8.5)	>96.7%	0.006 ± 10%	0.0020
METHOXYCHLOR*	>99%	0.0500	0.0001
Methylbenzene (see TOLUENE)*	>99%	0.078	0.001
Microcystin	99.5%	0.004 ± 10%	0.0003

Contaminant	Percent Reduction**	Influent challenge concentration (mg/L unless specified)	Maximum permissible product water concentration (mg/L unless specified)
Monochlorobenzene (see CHLOROBENZENE)*	>99%	0.077	0.001
MTBE (methyl tert-butyl ether)	97%	0.015 ± 20%	0.0050
POLYCHLORINATED BIPHENYLS (PCBs , Aroclor 1260)	>96.8%	0.01 ± 10%	0.0005
PCE (see TETRACHLOROETHYLENE)*	>99%	0.081	0.001
PENTACHLOROPHENOL*	>99%	0.0960	0.0010
Perchlorobutadiene (see HEXACHLOROBUTADIENE)*	>98%	0.044	0.001
PFOA/PFOS	>95.5%	0.0015 ± 10%	0.0001
Propylene Dichloride (see 1,2-DICHLOROPROPANE)*	>99%	0.080	0.001
SIMAZINE*	>97%	0.1200	0.0040
Silvex (see 2,4,5-TP)*	99%	0.270	0.0016
STYRENE (Vinylbenzene)*	>99%	0.1500	0.0005
1,1,1-TCA (see 1,1,1 - TRICHLOROETHANE)*	95%	0.084	0.0046
TCE (see TRICHLOROETHYLENE)*	>99%	0.180	0.0010
TETRACHLOROETHYLENE*	>99%	0.0810	0.0010
TOLUENE (Methylbenzene)*	>99%	0.0780	0.0010
TOXAPHENE	>95%	0.015 ± 10%	0.0030
Toxoplasma (see CYSTS)	>95%	0.015 ± 10%	0.0030
TRIBROMOACETIC ACID*	>98%	0.0420	0.0010
1,2,4 TRICHLOROBENZENE (Unsymtrichlorobenzene)*	>99%	0.1600	0.0005
1,1,1-TRICHLOROETHANE (1,1,1-TCA)*	95%	0.0840	0.0046
1,1,2-TRICHLOROETHANE*	>99%	0.1500	0.0005
TRICHLOROETHYLENE (TCE)*	>99%	0.1800	0.0010
TRIHALOMETHANES* (THM) (Chloroform; Bromoform; Bromodichloromethane; Dibromochloromethane)	95%	0.3000	0.0150
TURBIDITY	99%	11 ± 1 NTU	0.5 NTU
Unsym-Trichlorobenzene (see 1,2,4-TRICHLOROBENZENE)*	>99%	0.160	0.0005
Vinylbenzene (see STYRENE)*	>99%	0.150	0.0005
XYLENES (TOTAL)**	>99%	0.0700	0.0010

Standard 401- Emerging Contaminants

This system has been tested according to NSF/ANSI 401 for reduction of the 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 water leaving the system, as specified in NSF/ANSI 401.

Contaminant	Percent Reduction**	Influent challenge concentration (mg/L unless specified)	Maximum permissible product water concentration (mg/L unless specified)
Microplastics	99.8%	min. 10,000 particles/mL	≥ 85%
Group I			
Atenolol	>96.4%	200 ± 20%	0.00003
Carbamazepine	>98.5%	1400 ± 20%	0.00020

Contaminant	Percent Reduction**	Influent challenge concentration (mg/L unless specified)	Maximum permissible product water concentration (mg/L unless specified)
DEET	>98.6%	1401 ± 20%	0.00020
Linuron	>96.5%	140 ± 20%	0.00002
Meprobamate	>95.3%	400 ± 20%	0.00006
Metolachlor	>98.7%	1400 ± 20%	0.00020
Trimethoprim	>96.8%	140 ± 20%	0.00002
Group II			
TCEP (Group 2)	>98.0%	5000 ± 20%	0.00070
TCPP (Group 2)	>97.9%	5000 ± 20%	0.00070
Group III			
Bisphenol A (Group 3)	>99.0%	2000 ± 20%	0.00030
Estrone (Group 3)	>96.6%	140 ± 20%	0.00002
Ibuprofen (Group3)	>95.1%	400 ± 20%	0.00006
Naproxen (Group 3)	>96.4%	140 ± 20%	0.00002
Nonyl phenol (Group 3)	>95.6%	1400 ± 20%	0.00020
Phenytoin (Group 3)	>95.4%	200 ± 20%	0.00003



Footnotes

*Chloroform was used as a surrogate for claims of reduction of Volatile Organic Chemicals (VOC). Multipure Systems tested at >99.8% actual reduction of Chloroform. Percent reduction shown herein reflects the allowable claims for VOCs as per tables in the Standard.**Percent reduction reflects actual performance of Multipure product as specifically tested (at 200% of capacity). Percent reduction shown for VOCs reflects the allowable claims for Volatile Organic Chemicals/Compounds as per Tables. Chloroform was used as a surrogate for VOC reduction claims: the Multipure Systems' actual reduction rate of Chloroform was >99.8% as tested (at 200% of capacity).

1. **Do not use with water that is microbiologically unsafe or with water of unknown quality without adequate disinfection before or after the unit. Systems certified for cyst reduction may be used on disinfected waters that may contain filterable cysts.**
2. Multipure Drinking Water Systems have been certified, as indicated, by NSF International for compliance to NSF/ANSI Standard Nos. 42 and 53. Multipure Drinking Water Systems have been certified by the State of California Department of Public Health for the reduction of specific contaminants.
3. Filter life will vary in proportion to the amount of water used and the level of impurities in the water being processed. For optimum performance, it is essential that the filter be replaced on a regularly scheduled basis as follows: (a) annually; (b) when the unit's rated capacity has been reached; (c) the flow rate diminishes; or (d) the filter becomes saturated with bad tastes and odors.
4. For systems using the Capacity Monitor Kit, it will buzz and beep when it is time to replace the filter.
5. When first installing or replacing the filter cartridge, flush water through the cartridge for 15 minutes prior to use.
6. Do not allow water to freeze in the unit. If unit is exposed to freezing temperatures, drain water from unit and remove filter.
7. Do not allow water to sit in unit for extended periods of time (10 or more days) without being used. If unit is to be left unused for more than 10 days, drain all water from the system and remove the filters. Upon your return, reconnect the filters in the housing and continue use. In the event water does sit in the unit for 10 or more days, the system should be flushed by allowing water to flow to waste for about 10 minutes; then continue use as normal.
8. Please see the Owner's Manual for installation instructions and operating procedures.
9. In compliance with New York law, it is recommended that before purchasing a water treatment system, NY residents have their water supply tested to determine their actual water treatment needs. Please compare the capabilities of the Multipure unit with your actual water treatment needs.
10. While testing was performed under standard laboratory conditions, actual performance may vary.
11. The list of substances which the treatment device reduces does not necessarily mean that these substances are present in your tap water.
12. Multipure's MP880 Series has been tested for the treatment of water containing pentavalent arsenic (also known as As(V), As(+5), or arsenate) at concentrations of 0.30 mg/L or less. This system reduces pentavalent arsenic, but may not reduce other forms of arsenic. This system is to be used on water supplies containing a detectable free chlorine residual at the system inlet or on water supplies that have been demonstrated to contain only pentavalent arsenic. Treatment with chloramine (combined chlorine) is not sufficient to ensure complete conversion of trivalent arsenic to pentavalent arsenic. Please see the Arsenic Facts section for further information.
13. The system and installation to comply with state and local laws and regulations.
14. The system is not intended to convert wastewater or raw sewage into drinking water.



**Multipure
Warranty**



MULTIPURE®



**Product
Registration**

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MP-21015-003 / 0725