

RainSoft turns ordinary water into extraordinary water . . .

Whole-House Carbon Filtration System

- Rugged
- Reliable
- Effective

Whole-House Carbon Filtration is Perfect for Homes with Municipally Treated Water

RainSoft Whole-House Carbon Filtration Systems are designed to help solve special water treatment problems, and are built for long life and trouble-free operation. Effectively reduces aesthetic chlorine taste and odor.

RainSoft
Environmental Products for the Home ...since 1953
A Division of Aquion Water Treatment Products

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(Each RainSoft dealership is independently owned and operated.)



Filtration System Features

Tank-Within-A-Tank Construction

Rugged tank is wound with miles of glass filament for extraordinary strength. Inside there's another tank of sanitary plastic so your drinking water will never touch the interior fiberglass surface.

Downflow Model Filters out sediment as well as removing unwanted tastes and odors.

Choice of Filter Media

HYSULEX™ Is a highly activated carbon with acres and acres of surface area to adsorb bad tastes and odors in your water. A more porous material than regular carbon, with a highly developed internal

surface area, it provides a greater capacity for adsorption. Manufactured to be cleaner, stronger and harder than the industry standard.

SUPER HYSULEX™ Utilizes silver impregnated carbon, a more porous material than regular carbon; these carbons have highly developed internal surface areas, providing greater capacity for adsorption. Manufactured to be cleaner, stronger and harder than industry standard carbons.

NOTE: Tank size and local water pressure will affect the unit's operating flow rate.

CALIFORNIA RESIDENTS ONLY

Please note that your state certification information for this product is described on the back of the sheet.

The smart, economical way to enjoy the best water possible.

The following is a partial list of Organic Contaminants reduced by the RainSoft Whole-House Carbon Filtration System:

Organic Contaminants

VOCs

Alachlor	Haloketones (HK)
Atrazine	1,1-Dichloro-2-Propanone
Benzene	1,1,1-Trichloro-2-Propanone
Carbofuran	Heptachlor
Carbon Tetrachloride	Heptachlor Epoxide
Chlorobenzene	Hexachlorobutadiene
Chloropicrin	Hexachlorocyclopentadiene
2,4-D	Lindane
DBCP	Methoxychlor
o-Dichlorobenzene	Pentachlorophenol
p-Dichlorobenzene	Simazine
1,2-Dichloroethane	Styrene
1,1-Dichloroethylene	1,1,2,2-Tetrachloroethane
cis-1,2-Dichloroethylene	Tetrachloroethylene
trans-1,2-Dichloroethylene	Toluene
1,2-Dichloropropane	2,4,5-TP (Silvex)
cis-1,3-Dichloropropylene	Tribromoacetic Acid
Dinoseb	1,2,4-Trichlorobenzene
Endrin	1,1,1-Trichloroethane
Ethylbenzene	1,1,2-Trichloroethane
EDB	Trichloroethylene
Haloacetonitriles (HAN)	Trihalomethanes (THMs)
Bromochloroacetonitrile	Bromodichloromethane
Dibromoacetonitrile	Bromoform
Dichloroacetonitrile	Chloroform
Trichloroacetonitrile	Chlorodibromomethane
	Xylenes

Do not use with water that is microbiologically unsafe or of unknown quality, without adequate disinfection before or after the system. See Performance Data Sheet for actual reduction limitations.

Application Limitations

Water to be filtered should be free of oil and suspended matter, and relatively free of iron and turbidity for maximum service life in taste and odor removal. Actual results may vary based on local water conditions.

Maintenance Requirements

Filtering media will eventually become exhausted or consumed and need replacement. Replacement schedule will depend on incoming water quality and amount of water used. Your local RainSoft dealer can provide you with the recommended replacement schedule for your particular application.

CALIFORNIA RESIDENTS: Water treatment devices sold to retail consumers in California accompanied by certain health claims must be certified by the California Department of Public Health. The following models are certified by the State of California's Department of Public Health:

- QRS 844 H (Certificate 07-1884)
- QRS 1044 H (Certificate 07-1885)

All other models are not certified by the State of California for the purpose of making health claims.

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The RainSoft QRS Models with Hysulex media have been tested and certified by the WQA to NSF/ANSI Standards 42 & 53 for the specific performance claims as verified and substantiated by test data. Refer to the manufacturer's Performance Data Sheet for specific claims and certifications. RainSoft Model QRS H Series has earned the Good Housekeeping Seal.

Benefits will be provided by various types of RainSoft equipment when installed and operated according to manufacturer's recommendations. Operational, maintenance and replacement requirements are essential for the product to perform as advertised. All claims based on best available information at time of printing. Manufacturer makes no representations as to the suitability of this equipment for a particular application. Buyer relies entirely on dealer's recommendations in the purchase of this equipment. Independent RainSoft dealers may include, together with your RainSoft product, a product or component that is not manufactured by RainSoft or their parent company, AWTP, LLC. Any non-RainSoft product may be covered by the manufacturer of that product, and is not covered by the RainSoft warranty. AWTP, LLC does not warrant that your RainSoft product and the non-RainSoft product will perform properly when used together, and assumes no liability therefore.



Taking the Worry Out of Water ...Since 1953

ACTIVATED CARBON
 WHOLE HOUSE FILTRATION SYSTEM
 PERFORMANCE DATA SHEET

QRS H MODELS
 WHOLE HOUSE WATER TREATMENT FILTRATION SYSTEM

- OPERATING TEMPERATURE: 40 - 100°F (4.4 - 37.8 C)
- OPERATING PSI OF SUPPLY: 20 - 120 (1.4 - 8.4 Kg/cm²)

QRS Model	Quantity of Media	Service Flow Rate	psi Drop@ Service Flow Rate	capacity for VOC reduction	capacity for aesthetic chlorine reduction
844 H	0.9 cu.ft.	5.4 gpm	3 psi	4,358 gallons	160,551 gallons
1044 H	1.4 cu.ft.	7.7 gpm	3 psi	6,779 gallons	249,746 gallons
1054 H	1.85 cu.ft.	8.6 gpm	5 psi	8,958 gallons	330,022 gallons
1354 H	3.0 cu.ft.	12.2 gpm	6 psi	14,526 gallons	535,171 gallons

NOTE: These systems have been tested according to NSF/ANSI 42 and 53 for the 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 and 53.

CONTAMINANT	INFLUENT CHALLENGE CONCENTRATION mg/L	MAXIMUM PERMISSIBLE PRODUCT WATER CONCENTRATION mg/L	USEPA MCL (MG/L)	SUBSTANCE	MINIMUM PERCENT REDUCTION	INFLUENT CHALLENGE CONCENTRATION (UG/L)	MAXIMUM PERMISSIBLE PRODUCT WATER CONCENTRATION (UG/L)
ALACHLOR	0.050	0.001	0.002	VOC (AS CHLOROFORM))	95%	300=30 ug/L	0.5
ATRAZINE	0.100	0.003	0.003				
BENZENE	0.081	0.001	0.005	CHALLENGE	INFLUENT CHALLENGE CONCENTRATION	REDUCTION REQUIREMENT	ACTUAL REDUCTION
CARBOFURAN	0.190	0.001	0.04				
CARBON TETRACHLORIDE	0.078	0.0018	0.005	AESTHETIC CHLORINE	2.0 mg/L ± 10%	> 50%	99%
CHLOROBENZENE	0.077	0.001	0.1	<p>THE UNIT SHOULD BE INSTALLED IN AN AREA NOT AFFECTED BY EXTREME HEAT, COLD OR THE ELEMENTS. THIS SYSTEM MUST BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE STATE AND LOCAL LAWS AND REGULATIONS.</p> <p>DO NOT USE WITH WATER THAT IS MICROBIOLOGICALLY UNSAFE OR OF UNKNOWN QUALITY WITHOUT ADEQUATE DISINFECTION BEFORE OR AFTER THE SYSTEM.</p> <p>THE PRODUCT WATER SHOULD BE TESTED PERIODICALLY TO ENSURE THAT THE SYSTEM IS PERFORMING PROPERLY. IF AESTHETIC CHLORINE IS NOT BEING REDUCED EFFECTIVELY, CONTACT YOUR RAINSOFT DEALER FOR REPLACEMENT MEDIA.</p> <p>SEE THE OWNERS MANUAL FOR GENERAL OPERATION AND MAINTENANCE REQUIREMENTS.</p> <p>SEE WARRANTY CARD FOR SPECIFIC WARRANTY INFORMATION.</p> <p>ADDITIONAL NOTES: • The list of substances which this treatment device reduces does not necessarily mean that these substances are present in your water supply. • This system is designed for treatment of cold water only. • While testing was performed under standard laboratory conditions, actual performance may vary due to local water conditions. • This system was tested and validated at specified flow rate, reduction claims above these rates may vary.</p>			
CHLOROPICRIN	0.015	0.0002	-----	<p>TESTED AND CERTIFIED BY THE WQA TO NSF/ANSI STANDARD 42 AND 53 FOR THE SPECIFIC PERFORMANCE CLAIMS AS VERIFIED AND SUBSTANTIATED BY TEST DATA.</p> <p>THE QRS H SERIES IS TESTED AND CERTIFIED BY WQA TO NSF/ANSI 372 FOR CALIFORNIA "LEAD FREE" COMPLIANCE.</p>			
3,4-D	0.110	0.0017	0.07	<p>IMPORTANT NOTICE: READ THIS PERFORMANCE DATA SHEET AND COMPARE THE CAPABILITIES OF THIS UNIT WITH YOUR ACTUAL WATER TREATMENT NEEDS. IT IS RECOMMENDED THAT BEFORE PURCHASING A WATER TREATMENT UNIT YOU HAVE YOUR WATER SUPPLY TESTED TO DETERMINE YOUR ACTUAL WATER TREATMENT NEEDS.</p>			
DIFROMOCHLOROPROPANE (DBCP)	0.052	0.00002	0.0002				
O-DICHLOROBENZENE	0.080	0.001	0.60				
P-DICHLOROBENZENE	0.040	0.001	0.075				
1,2-DICHLOROETHANE	0.088	0.0048	0.005				
1,1-DICHLOROETHYLENE	0.083	0.001	0.007				
CIS-1,2-DICHLOROETHYLENE	0.170	0.0005	0.07				
TRANS-1,2-DICHLOROETHYLENE	0.086	0.001	0.10				
1,2-DICHLOROPROPANE	0.080	0.001	0.005				
CIS-1,3-DICHLOROPROPYLENE	0.079	0.001	-----				
DINOSEB	0.170	0.0002	0.007				
ENDRIN	0.053	0.00059	0.002				
ETHYLBENZENE	0.088	0.001	0.70				
ETHYLENE DIBROMIDE (EDB)	0.044	0.00002	0.00005				
HALOACETONITRILES (HAN):							
BROMOCHLOROACETONITRILE	0.022	0.0005	-----				
DIBROMOACETONITRILE	0.024	0.0006	-----				
DICHLOROACETONITRILE	0.0096	0.0002	-----				
TRICHLOROACETONITRILE	0.015	0.0003	-----				
HALOKETONES (HK):							
1,1-DICHLORO-2-PROPANONE	0.0072	0.0001	-----				
1,1,1-TRICHLORO-2-PROPANE	0.0082	0.0003	-----				
HEPTACHLOR	0.025	0.00001	0.0004				
HEPTACHLOR EPOXIDE	0.011	0.0002	0.0002				
HEXACHLOROBUTADIENE	0.044	0.001	-----				
HEXACHLOROCYCLOPENTADIENE	0.060	0.000002	0.05				
LINDANE	0.055	0.00001	0.0002				
METHOXYCHLOR	0.050	0.0001	0.04				
PENTACHLOROPHENOL	0.096	0.001	0.001				
SIMAZINE	0.120	0.004	0.004				
STYRENE	0.150	0.0005	0.10				
1,1,1,2-TETRACHLOROETHANE	0.081	0.001	-----				
TETRACHLOROETHYLENE	0.081	0.001	0.005				
TOLUENE	0.078	0.001	1.00				
TRIBROMOACETIC ACID	0.042	0.001	-----				
2,4,5-TP (SILVEX)	0.270	0.0016	0.05				
1,2,4-TRICHLOROBENZENE	0.160	0.0005	0.07				
1,1,1-TRICHLOROETHANE	0.084	0.0046	0.20				
1,1,2-TRICHLOROETHANE	0.150	0.0005	0.005				
TRICHLOROETHYLENE	0.180	0.001	0.005				
TRIHALOMETHANES	0.300	0.015	0.08				
XYLENES (TOTAL)	0.070	0.001	10				



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