

**RainSoft HYDREFINER II- SC -BNFP, HYDREFINER II- SC -BNFV,
HYDREFINER II- SC -CHFP & HYDREFINER II- SC -CHFV**

DRINKING WATER FILTRATION SYSTEM

- CAPACITY: 400 GALLONS (1514 LITERS)
- FLOW RATE: .5 GPM (1.89 LPM)
- OPERATING PSI OF SUPPLY: 30 - 100 PSI (2.07-6.89 BAR)
- OPERATING TEMPERATURE: 34 - 100°F (1.1-37.8°C)

REPLACEMENT FILTERS

DESCRIPTION	PART NUMBER
PRE-FILTER(5 MICRON SEDIMENT FILTER)	51639
POST-FILTER (HYII CARBON FILTER)	51845

NOTE: This system has 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)
ALACHLOR	0.050	0.001	0.002
ATRAZINE	0.100	0.003	0.003
BENZENE	0.081	0.001	0.005
CARBOFURAN	0.190	0.001	0.04
CARBON TETRACHLORIDE	0.078	0.0018	0.005
CHLOROBENZENE	0.077	0.001	0.1
CHLOROPICRIN	0.015	0.0002	-----
2,4-D	0.110	0.0017	0.07
DIBROMOCHLOROPROPANE (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
1,1,2,2-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

CONTAMINANT REDUCED

CONTAMINANT	INFLUENT CHALLENGE CONCENTRATION (mg/L)	MAXIMUM PERMISSIBLE PRODUCT WATER CONCENTRATION (mg/L)
LEAD	0.15 +/- 10%	0.0100
MTBE	0.015 +/- 20%	0.0050
MERCURY	0.006 +/- 10%	0.0020

ADDITIONAL CONTAMINANT REDUCED

CONTAMINANT	INFLUENT CHALLENGE CONCENTRATION (mg/L)	REDUCTION REQUIREMENT
ASTHETIC CHLORINE	2.0+/-10%	50% REDUCTION
VOC	.30+/- 30	95% REDUCTION
CYSTS (Cryptosporidium, Giardia lamblia, Protozoan)	50,000/L	99.95% Reduction

THE UNIT SHOULD BE INSTALLED IN AN AREA NOT AFFECTED BY EXTREME HEAT, COLD OR THE ELEMENTS. THE AREA MUST ALLOW THE SYSTEM TO BE SERVICED QUICKLY AND EASILY TO CHANGE THE CARTRIDGE.

THIS SYSTEM MUST BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE STATE AND LOCAL LAWS AND REGULATIONS.

DO NOT USE WITH WATER THAT IS MICROBIOLOGICALLY UNSAFE OR OF UNKNOWN QUALITY WITHOUT ADEQUATE DISINFECTION BEFORE OR AFTER THE SYSTEM.

TESTED UNDER STANDARD LABORATORY CONDITIONS, ACTUAL RESULTS MAY VARY DUE TO LOCAL WATER CONDITIONS.

THIS PERFORMANCE DATA SHEET IS NOT FOR USE IN CALIFORNIA.



TESTED AND CERTIFIED BY WQA AGAINST NSF/ANSI STANDARD 42 FOR THE REDUCTION OF AESTHETIC CHLORINE, TASTE AND ODOR.

TESTED AND CERTIFIED BY WQA AGAINST NSF/ANSI STANDARD 53 FOR CYST, LEAD, MTBE, MERCURY, AND VOC REDUCTION.

TESTED AND CERTIFIED BY WQA AGAINST NSF/ANSI STANDARD 372 FOR LOW LEAD COMPLIANCE.

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.



ACTIVATED CARBON

WATER FILTER SYSTEM

PERFORMANCE DATA SHEET - page 2 of 2

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DRINKING WATER FILTRATION SYSTEM

THIS SYSTEM CONTAINS REPLACEMENT COMPONENTS CRITICAL FOR EFFECTIVE REDUCTION OF CONTAMINANTS. THE WATER SHOULD BE TESTED PERIODICALLY TO VERIFY THAT THE SYSTEM IS PERFORMING SATISFACTORILY.

SEE WARRANTY FOR SPECIFIC WARRANTY INFORMATION.

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.
- Systems certified for cyst reduction may be used on disinfected waters that may contain filterable cysts.
- Class I particulate reduction 85%, particle size ≥ 0.5 micron < 1 micron.

⁽¹⁾ CHLOROFORM WAS USED AS A SURROGATE FOR VOC CLAIMS REDUCTION; THE ACTUAL REDUCTION RATE OF CHLOROFORM WAS $> 95\%$ AS TESTED BY WQA (AT 200% CAPACITY).

⁽²⁾ REPLACE FILTER CARTRIDGE AFTER 400 GALLONS (1514 LITERS) OR SOONER DEPENDING UPON WATER CONDITIONS

⁽³⁾ MFL = MILLION FIBERS PER LITER WITH FIBERS GREATER THAN 10 MICRONS.

⁽⁴⁾ NO MCL ESTABLISHED AT THE TIME OF PRINTING.

For purchases made in the State of Iowa: This form must be signed and dated by the buyer and seller prior to the consummation of this sale. The seller for a minimum of two years should retain this form on file.

Buyer _____
Name _____
Address _____
City _____ State _____ Zip _____
Signature _____ Date _____

Seller _____
Name _____
Address _____
City _____ State _____ Zip _____
Signature _____ Date _____