

RainSoft Division of Aquion Water Treatment Products • 2080 East Lunt Avenue, Elk Grove Village, IL 60007 • (800) 860-7638 • www.rainsoft.com REV B 4/12/06 Part# 15932

# DEMAND INITIATED

# WATER TREATMENT SYSTEM

PERFORMANCE DATA SHEET - page 1 of 2

# EC4 75 V and EC4 75 CV

DEMAND INTIATED WATER TREATMENT SYSTEMS

### • SERVICE FLOW RATE: 9.0 GPM (V)

- SERVICE FLOW RATE: 9.3 GPM (CV)
- DRAIN FLOW RATE: 1.5 GPM
- PSI DROP @ FLOW RATE: 15.0 psi (V)
- PSI DROP @ FLOW RATE: 15.0 psi (CV)
- ELECTRICAL: 24 VAC, 50/60 Hz (COMPUTER)
- SALT PER REGENERATION: VARIABLE
- CAPACITY: 28,100 GRAINS @ 11.2 LB. SALT
- CAPACITY: 24,000 GRAINS @ 7.5 LB. SALT
- CAPACITY: 13,400 GRAINS @ 3.0 LB. SALT
- EFFICIENCY: 4,470 GRAINS/LB.SALT @ 3.0 LB. DOSAGE
- OPERATING TEMPERATURE: 40-100°F (4.4 38°C)
- OPERATING PSI OF SUPPLY: 20-120 PSI (138-828 kPa)

LIST OF CONTAMINANTS REDUCED		
CONTAMINANT	USEPA MCL	
BARIUM*	2 PPM	
RADIUM 226/228*	5 PCI/L	

NSF/ANSI STANDARD 44 TEST CONDITIONS: 35 ± 5 psi, 65 ± 10°F, pH 7.5 ± 0.5 at service flow rate \*Hardness was used as a surrogate for Barium and Radium reduction claims per NSF/ANSI 44

#### SOFTENING PERFORMANCE TEST

CHALLENGE	AVERAGE INFLUENT LEVEL	AVERAGE EFFLUENT LEVEL
HARDNESS	350 PPM	9 PPM

NSF/ANSI STANDARD 44 TEST CONDITIONS: 35 ± 5 psi, 65 ± 10°F, pH 7.5 ± 0.5 at service flow rate

#### ADDITIONAL NOTES:

- The list of substances which this treatment device reduces does not necessarily mean that these substances are present in your water supply.
- Actual results may vary due to local water conditions.
- An efficiency rated water softener is a Demand Initiated Regeneration softener which also complies with specific performance specifications intended to minimize the amount of regenerate brine and water used in its operation and will achieve a rating of not less than 3,350 grains of total hardness exchange per pound of NaCl salt and shall not deliver more salt than its listed rating. The efficiency is measured by a laboratory test described in NSF/ANSI 44. The test represents the maximum possible efficiency that the system can achieve. Operational efficiency is the actual efficiency achieved after the system has been installed and is typically less than the tested efficiency due to individual application factors including water hardness, water usage, and other contaminants that reduce the softeners capacity.
- · A water softener is not intended to be used for treating water that is microbiologically unsafe or of unknown quality without adequate disinfection before and after the system.
- · Efficiency of conditioner is valid only at the stated salt dosage.

#### **IMPORTANT NOTICE**

READ THIS PERFORMANCE DATA SHEET AND COMPARE THE CAPABILITIES OF THIS UNIT WITH YOUR ACTUAL WATER TREATMENT NEEDS. IT IS RECOMMENDED THAT HAVE YOUR WATER SUPPLY TESTED TO DETERMINE YOUR ACTUAL WATER TREATMENT NEEDS.

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.

THE SYSTEM CONTAINS AN ION-EXCHANGE MEDIA FOR REMOVING LISTED CONTAMINANTS AND MUST BE REGENERATED PERIODICALLY. REFER TO THE OWNERS MANUAL TO DETERMINE FREQUENCY OF **REGENERATION.** 

PLAIN, WHITE BLOCK SALT IS RECOMMENDED. IF BLOCK SALT IS NOT AVAILABLE, A CLEAN, COARSE OR EXTRA COARSE ROCK OR SOLAR SALT MAY BE USED. DO NOT USE GRANULATED SALT.

CONSULT YOUR DEALER FOR POTASSIUM CHLORIDE USE.

YOUR LOCAL DEALER IS AVAILABLE FOR SERVICE AND WARRANTY PARTS REPLACEMENT.

### THIS PERFORMANCE DATA SHEET IS NOT FOR **USE IN CALIFORNIA, SEE CALIFORNIA** SPECIFIC DATA SHEET.







DEMAND INITIATED

WATER TREATMENT SYSTEM

PERFORMANCE DATA SHEET - page 2 of 2

# EC4 75 V and EC4 75 CV

DEMAND INTIATED WATER TREATMENT SYSTEMS

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		Seller	
Name		Name	
Address		Address	
City S	tate Zip	City State	Zip
Signature	Date	Signature	Date



ACTIVATED CARBON

## WHOLE HOUSE FILTRATION SYSTEM

PERFORMANCE DATA SHEET

**MODEL QRS 844 SH** WHOLE HOUSE WATER TREATMENT FILTRATION SYSTEM

- CAPACITY FOR CHLORINE REMOVAL: 90,000 GALLONS
- CAPACITY FOR VOC REMOVAL: 20,000 GALLONS
- FLOW RATE: 6.0 GPM
- OPERATING TEMPERATURE: 40 100<sup>0</sup>F MEDIA: 0.9 CU/FT
- OPERATING PSI OF SUPPLY: 20 120
- PRESSURE DROP: 5.0 PSI @ 6.0 GPM

LIST OF CONTAMINANT         INFLUENT LEVEL         EFFLUENT LEVEL (mg/L)         USEPA MCL           ALACHLOR         0.050         0.001         0.002           ATRAZINE         0.10         0.003         0.003           BENZENE         0.081         0.001         0.005           CARBOFURAN         0.19         0.001         0.040           CARBON TETRACHLORIDE         0.077         0.001         0.040           CARBON TETRACHLORIDE         0.011         0.0017         0.07           JL-DOTCHLOROBENZENE         0.011         0.0017         0.07           DIBROMOCHLOROPROPANE (DBCP)         0.052         0.00002         0.0002           O-DICHLOROBENZENE         0.04         0.001         0.075           1,2-DICHLOROBENZENE         0.04         0.001         0.007           1,2-DICHLOROBENZENE         0.088         0.001         0.007           1,2-DICHLOROPTHANE         0.088         0.001         0.007           1,2-DICHLOROPTHANE         0.079         0.001            DINOSEB         0.17         0.0002         0.0002           ETHYLENE         0.17         0.0002         0.0002           ENDRIN         0.053         0.001 </th <th colspan="4">LIST OF CONTAMINANTS DEDUCED</th>	LIST OF CONTAMINANTS DEDUCED			
INFLUENT LEVEL (mg/L)         USEPA (mg/L)         USEPA MCL           ALACHLOR         0.050         0.001         0.002           ATRAZINE         0.10         0.003         0.003           BENZENE         0.081         0.001         0.005           CARBOFURAN         0.19         0.001         0.040           CARBOR TETRACHLORIDE         0.077         0.001         0.10           2,4-D         0.11         0.0017         0.07           DIBROMOCHLOROPROPANE (DBCP)         0.052         0.00002         0.0002           O-DICHLOROBENZENE         0.044         0.001         0.077           1,2-DICHLOROBENZENE         0.088         0.0048         0.005           1,1-DICHLOROETHANE         0.083         0.001         0.007           1,2-DICHLOROPROPANE         0.17         0.0005         0.07           1,2-DICHLOROPROPANE         0.17         0.0002         0.0002           ETMYLENZENE         0.17         0.0002         0.0002           ETMYLENZENE         0.17         0.0002         0.0002           ETMYLENZENE         0.107         0.0002         0.0002           ETMYLENZENE         0.0107         0.0002         0.0005      <	LIST OF CONTAMINANTS REDUCED			
CONTAMINANT         LEVEL         LEVEL         MCL           (mg/L)         (mg/L)         (mg/L)         MCL           ALACHLOR         0.050         0.001         0.002           ATRAZINE         0.10         0.003         0.003           BENZENE         0.081         0.001         0.040           CARBORTERACHLORIDE         0.078         0.0018         0.005           CHLOROBENZENE         0.077         0.001         0.040           CARDORCHLOROPROPANE (DBCP)         0.052         0.00002         0.0002           O-DICHLOROBENZENE         0.08         0.001         0.075           1,2-DICHLOROBENZENE         0.088         0.0048         0.005           1,1-DICHLOROBENZENE         0.083         0.001         0.007           1,2-DICHLOROBENZENE         0.079         0.001            1,2-DICHLOROPETHANE         0.083         0.001            DINOSEB         0.17         0.0002         0.007           1,2-DICHLOROPROPANE         0.053         0.00005            DINOSEB         0.17         0.0002         0.0002           EthyLENZENE         0.0107         0.0002         0.0002		INFLUENT	EFFLUENI	USEPA
Image: mage:	CONTAMINANT	LEVEL	LEVEL	MCL
ALACHLOR         0.050         0.001         0.002           ATRAZINE         0.10         0.003         0.003           BENZENE         0.081         0.001         0.005           CARBOFURAN         0.19         0.001         0.040           CARBON TETRACHLORIDE         0.077         0.001         0.10           2,4-D         0.11         0.0017         0.072           O-DICHLOROBENZENE         0.08         0.001         0.660           P-DICHLOROBENZENE         0.08         0.001         0.607           1,1-DICHLOROBENZENE         0.088         0.004         0.007           1,2-DICHLOROETHANE         0.088         0.0048         0.005           1,1-DICHLOROETHANE         0.08         0.001            DINOSEB         0.17         0.0002         0.007           CIS-1,3-DICHLOROPROPANE         0.088         0.001            DINOSEB         0.17         0.0002         0.0002           ETHYLBENZENE         0.088         0.001            DINOSEB         0.177         0.0002         0.0002           ETHYLBENZENE         0.088         0.001            DINOSEB		(mg/L)	(mg/L)	_
ATRAZINE         0.10         0.003         0.003           BENZENE         0.081         0.001         0.005           CARBORURAN         0.19         0.0018         0.005           CARBON TETRACHLORIDE         0.078         0.0018         0.005           CHLOROBENZENE         0.077         0.001         0.10           2,4-D         0.11         0.0017         0.07           DIBROMOCHLOROPROPANE (DBCP)         0.052         0.00002         0.0002           O-DICHLOROBENZENE         0.04         0.001         0.66           P-DICHLOROBENZENE         0.048         0.0048         0.005           1,2-DICHLOROETHANE         0.088         0.001         0.007           1,2-DICHLOROPROPANE         0.17         0.0005         0.07           1,2-DICHLOROPROPANE         0.088         0.001            DINOSEB         0.17         0.0002         0.002           ETHYLBENZENE         0.088         0.001            DINOSEB         0.0107         0.0002         0.0002           ETHYLENZENE         0.0107         0.0002         0.0002           HEDTACHLOR EPOXIDE         0.0107         0.0002         0.0002	ALACHLOR	0.050	0.001	0.002
BENZENE         0.081         0.001         0.005           CARBOFURAN         0.19         0.001         0.040           CARBON TETRACHLORIDE         0.078         0.0018         0.005           CHLOROBENZENE         0.077         0.001         0.10           2,4-D         0.11         0.0017         0.072           DIBROMOCHLOROPROPANE (DBCP)         0.052         0.00002         0.0002           O-DICHLOROBENZENE         0.04         0.001         0.60           P-DICHLOROBENZENE         0.088         0.0048         0.005           1,1-DICHLOROETHANE         0.088         0.001         0.007           1,1-DICHLOROETHANE         0.088         0.001            DINOSEB         0.17         0.0002         0.007           ENDRIN         0.053         0.0001            DINOSEB         0.17         0.0002         0.0002           ETHYLENZENE         0.088         0.001            DINOSEB         0.017         0.0002         0.0002           ETHYLENZENE         0.0107         0.0002         0.0002           ETHYLENZENE         0.0107         0.0002         0.002           HETAC	ATRAZINE	0.10	0.003	0.003
CARBOFURAN         0.19         0.001         0.040           CARBON TETRACHLORIDE         0.078         0.0018         0.005           CHLOROBENZENE         0.077         0.001         0.10           2,4-D         0.11         0.0017         0.07           DIBROMOCHLOROPROPANE (DBCP)         0.052         0.00002         0.0002           Q-DICHLOROBENZENE         0.04         0.001         0.075           1,2-DICHLOROETHANE         0.088         0.0048         0.005           1,1-DICHLOROETHANE         0.083         0.001         0.007           1,2-DICHLOROPROPANE         0.17         0.0002         0.007           1,2-DICHLOROPROPANE         0.079         0.001            DINOSEB         0.17         0.0002         0.002           ENDRIN         0.053         0.00059         0.002           ETHYLBRZENE         0.0107         0.0002         0.0002           ENDRIN         0.055         0.00002         0.0002           HEYACHLOR EPOXIDE         0.0107         0.0001            HEXACHLOROBUTADIENE         0.055         0.00001         0.0002           HEYACHLOR EPOXIDE         0.050         0.0001         0.	BENZENE	0.081	0.001	0.005
CARBON TETRACHLORIDE         0.078         0.0018         0.005           CHLOROBENZENE         0.077         0.001         0.10           2,4-D         0.11         0.0017         0.002           ODICHLOROBENZENE         0.08         0.001         0.660           P-DICHLOROBENZENE         0.088         0.0044         0.001         0.075           1,2-DICHLOROETHANE         0.083         0.001         0.007         0.075           1,2-DICHLOROETHANE         0.083         0.001         0.007           1,2-DICHLOROPETHALE         0.17         0.0002         0.007           1,2-DICHLOROPETHYLENE         0.079         0.001            DINOSEB         0.17         0.0002         0.007           ENTYLBENZENE         0.088         0.001         0.70           ETHYLBENZENE         0.088         0.001            DINOSEB         0.017         0.0002         0.0002           ETHYLBENZENE         0.0107         0.0002         0.0002           ETHYLBENZENE         0.0107         0.0002         0.0002           HEXACHLOROBUTADIENE         0.060         0.0001            HEXACHLOROCYCLOPENTADIENE         0.050	CARBOFURAN	0.19	0.001	0.040
CHLOROBENZENE         0.077         0.001         0.10           2,4-D         0.11         0.0017         0.07           DIBROMOCHLOROPROPANE (DBCP)         0.052         0.00002         0.0002           O-DICHLOROBENZENE         0.08         0.001         0.60           P-DICHLOROBENZENE         0.088         0.004         0.0075           1,2-DICHLOROETHANE         0.083         0.001         0.007           CIS-1,2-DICHLOROETHYLENE         0.17         0.0005         0.07           1,2-DICHLOROPROPANE         0.08         0.001         0.005           CIS-1,3-DICHLOROPROPANE         0.079         0.001            DINOSEB         0.17         0.0002         0.007           ENDRIN         0.053         0.00059         0.002           ETHYLBENZENE         0.0107         0.0002         0.00002           HEYACHLOR EPOXIDE         0.0107         0.0002         0.0002           HEXACHLOROBUTADIENE         0.044         0.0010            HEXACHLOROPHENOL         0.096         0.0011         0.001           SIMAZINE         0.050         0.0001         0.001           SIMAZINE         0.150         0.0005 <t< td=""><td>CARBON TETRACHLORIDE</td><td>0.078</td><td>0.0018</td><td>0.005</td></t<>	CARBON TETRACHLORIDE	0.078	0.0018	0.005
2,4-D         0.11         0.0017         0.07           DIBROMOCHLOROPROPANE (DBCP)         0.052         0.00002         0.0002           O-DICHLOROBENZENE         0.08         0.001         0.660           P-DICHLOROBENZENE         0.04         0.001         0.075           1,2-DICHLOROETHANE         0.088         0.0048         0.007           1,2-DICHLOROETHANE         0.083         0.001         0.007           1,2-DICHLOROPROPANE         0.08         0.001         0.005           CIS-1,3-DICHLOROPROPANE         0.08         0.001            DINOSEB         0.17         0.0002         0.007           ENDRIN         0.053         0.0010            DINOSEB         0.17         0.0002         0.0002           ETHYLENENZENE         0.088         0.001         0.70           ETHYLENC DIBROMIDE (EDB)         0.044         0.0002         0.0002           HEXACHLOROBUTADIENE         0.044         0.001            HEXACHLOROBUTADIENE         0.055         0.0001         0.001           SIMAZINE         0.120         0.004         0.004           SIMAZINE         0.150         0.0005         0.10 <td>CHLOROBENZENE</td> <td>0.077</td> <td>0.001</td> <td>0.10</td>	CHLOROBENZENE	0.077	0.001	0.10
DIBROMOCHLOROPROPANE (DBCP)         0.052         0.00002         0.0002           O-DICHLOROBENZENE         0.08         0.001         0.60           P-DICHLOROBENZENE         0.04         0.001         0.075           1,2-DICHLOROETHANE         0.088         0.0048         0.007           1,2-DICHLOROETHANE         0.083         0.001         0.007           CIS-1,2-DICHLOROPTHYLENE         0.17         0.0002         0.007           1,2-DICHLOROPROPANE         0.08         0.001            DINOSEB         0.17         0.0002         0.007           ENDRIN         0.053         0.00059         0.002           ETHYLBENZENE         0.0107         0.0002         0.00002           ETHYLEN DIBROMIDE (EDB)         0.044         0.001            HEXACHLOROBUTADIENE         0.060         0.0001         0.0402           HEXACHLOROCYCLOPENTADIENE         0.055         0.00001         0.040           PENTACHLOROPHENOL         0.055         0.0001         0.004           PENTACHLOROPHENOL         0.050         0.001         0.004           STYRENE         0.150         0.0005         0.101           1,1,2,2-TETRACHLORETHANE         0.	2,4-D	0.11	0.0017	0.07
O-DICHLOROBENZENE         0.08         0.001         0.60           P-DICHLOROBENZENE         0.04         0.001         0.075           1,2-DICHLOROETHANE         0.083         0.001         0.007           CIS- 1,2-DICHLOROETHANE         0.17         0.0005         0.07           1,1-DICHLOROPROPANE         0.08         0.001         0.005           CIS- 1,2-DICHLOROPROPANE         0.079         0.001            DINOSEB         0.17         0.0002         0.007           ENDRIN         0.053         0.00059         0.002           ETHYLENZENE         0.017         0.0002         0.00005           HEPTACHLOR EPOXIDE         0.0107         0.0002         0.0002           HEYACHLOROBUTADIENE         0.044         0.001            HEXACHLOROBUTADIENE         0.044         0.001            HEXACHLOROPHENOL         0.055         0.0001         0.002           INDANE         0.055         0.0001         0.001           SIMAZINE         0.150         0.001         0.001           SIMAZINE         0.150         0.001         0.001           SIMAZINE         0.081         0.001 <td>DIBROMOCHLOROPROPANE (DBCP)</td> <td>0.052</td> <td>0.00002</td> <td>0.0002</td>	DIBROMOCHLOROPROPANE (DBCP)	0.052	0.00002	0.0002
P-DICHLOROBENZENE         0.04         0.001         0.075           1,2-DICHLOROETHANE         0.088         0.0048         0.005           1,1-DICHLOROETHANE         0.083         0.001         0.007           1,2-DICHLOROPTHYLENE         0.17         0.0005         0.07           1,2-DICHLOROPROPANE         0.079         0.001            DINOSEB         0.17         0.0002         0.007           ENDRIN         0.053         0.00002         0.0002           ETHYLBENZENE         0.0107         0.0002         0.00002           ETHYLENE DIBROMIDE (EDB)         0.044         0.001            HEXACHLOROBUTADIENE         0.044         0.001            HEXACHLOROBUTADIENE         0.044         0.001            HEXACHLOROBUTADIENE         0.044         0.001            HEXACHLOROPHENOL         0.055         0.00001         0.0042           STYRENE         0.120         0.004         0.001           STYRENE         0.150         0.001         0.005           TETRACHLORETHANE         0.081         0.001         1.00           2,4,5-TP (SILVEX)         0.27         0.0016 <td< td=""><td>O-DICHLOROBENZENE</td><td>0.08</td><td>0.001</td><td>0.60</td></td<>	O-DICHLOROBENZENE	0.08	0.001	0.60
1,2-DICHLOROETHANE         0.088         0.0048         0.005           1,1-DICHLOROETHANE         0.083         0.001         0.007           CIS- 1,2-DICHLOROETHYLENE         0.17         0.0005         0.07           I,2-DICHLOROPROPANE         0.08         0.001         0.005           CIS-1,3-DICHLOROPROPYLENE         0.079         0.001            DINOSEB         0.17         0.0002         0.007           ENDRIN         0.053         0.0002         0.0002           ETHYLBENZENE         0.088         0.001            ETHYLBENZENE         0.044         0.0002         0.0002           HETACHLOR EPOXIDE         0.044         0.001            HEXACHLOROBUTADIENE         0.044         0.001            HEXACHLOROCYCLOPENTADIENE         0.060         0.00002         0.05           LINDANE         0.055         0.0001         0.004           STYRENE         0.120         0.004         0.001           STYRENE         0.150         0.001         0.005           TOLUENE         0.078         0.001         1.00           2,4,5-TP (SILVEX)         0.27         0.0016         0.055	P-DICHLOROBENZENE	0.04	0.001	0.075
1,1-DICHLOROETHANE         0.083         0.001         0.007           CIS- 1,2-DICHLOROETHYLENE         0.17         0.0005         0.07           1,2-DICHLOROPROPANE         0.08         0.001         0.005           1,2-DICHLOROPROPYLENE         0.079         0.001            DINOSEB         0.17         0.0002         0.007           ENDRIN         0.053         0.00059         0.022           ETHYLBENZENE         0.088         0.001         0.70           ETHYLEND DIBROMIDE (EDB)         0.044         0.0002         0.0002           HEXACHLOROBUTADIENE         0.044         0.001            HEXACHLOROCYCLOPENTADIENE         0.060         0.00001         0.042           METHOXYCHLOR         0.055         0.0001         0.002           METHOXYCHLOR         0.055         0.0001         0.004           PENTACHLOROPHENOL         0.096         0.001         0.004           STYRENE         0.120         0.004         0.004           STYRENE         0.081         0.001            TETRACHLORETHYLENE         0.081         0.001            TETRACHLOROBENZENE         0.016         0.005	1,2-DICHLOROETHANE	0.088	0.0048	0.005
CIS- 1,2-DICHLOROETHYLENE         0.17         0.0005         0.07           1,2-DICHLOROPROPANE         0.08         0.001         0.005           CIS-1,3-DICHLOROPROPANE         0.079         0.001            DINOSEB         0.17         0.0002         0.007           ENDRIN         0.053         0.00059         0.002           ETHYLENZENE         0.088         0.001         0.70           ETHYLENE DIBROMIDE (EDB)         0.044         0.0002         0.0002           HEYACHLOR EPOXIDE         0.0107         0.0002         0.0002           HEXACHLOROBUTADIENE         0.044         0.001            HEXACHLOROPYCLOPENTADIENE         0.0660         0.00002         0.002           INDANE         0.055         0.0001         0.0002           METHOXYCHLOR         0.055         0.0001         0.001           STYRENE         0.120         0.004         0.004           STYRENE         0.150         0.001         0.005           TOLUENE         0.081         0.001            TETRACHLORETHYLENE         0.081         0.001            TETRACHLORETHYLENE         0.081         0.001 <td>1,1-DICHLOROETHANE</td> <td>0.083</td> <td>0.001</td> <td>0.007</td>	1,1-DICHLOROETHANE	0.083	0.001	0.007
1,2-DICHLOROPROPANE         0.08         0.001         0.005           CIS-1,3-DICHLOROPROPYLENE         0.079         0.001            DINOSEB         0.17         0.0002         0.007           ENDRIN         0.053         0.00059         0.002           ETHYLBENZENE         0.088         0.001         0.70           ETHYLENE DIBROMIDE (EDB)         0.044         0.0002         0.0002           HEXACHLOR EPOXIDE         0.0107         0.0002         0.0002           HEXACHLOROBUTADIENE         0.044         0.001            HEXACHLOROCYCLOPENTADIENE         0.060         0.00002         0.055           LINDANE         0.055         0.0001         0.0012           METHOXYCHLOR         0.055         0.0001         0.001           STYRENE         0.120         0.004         0.004           STYRENE         0.150         0.001         1.00           1,2,2-TETRACHLORETHANE         0.081         0.001            TETRACHLORETHYLENE         0.166         0.055         0.005           TOLUENE         0.166         0.005         0.07         1,1,2,-TRICHLOROBENZENE         0.18         0.001         0.005	CIS- 1,2-DICHLOROETHYLENE	0.17	0.0005	0.07
CIS-1,3-DICHLOROPROPYLENE         0.079         0.001            DINOSEB         0.17         0.0002         0.007           ENDRIN         0.053         0.0002         0.002           ETHYLBENZENE         0.088         0.001         0.70           ETHYLENE DIBROMIDE (EDB)         0.044         0.0002         0.0002           HEYACHLOR EPOXIDE         0.044         0.001            HEXACHLOROBUTADIENE         0.044         0.0001            HEXACHLOROCYCLOPENTADIENE         0.060         0.00002         0.05           LINDANE         0.055         0.0001         0.0002           METHOXYCHLOR         0.050         0.0001         0.001           STYRENE         0.120         0.004         0.004           STYRENE         0.150         0.001         1.00           1,1,2,2-TETRACHLORETHANE         0.081         0.001            TETRACHLOROBENZENE         0.16         0.005         0.07           1,1,1-TRICHLOROBENZENE         0.18         0.001         1.00           2,4,5-TP (SILVEX)         0.27         0.0016         0.055           1,1,2-TRICHLORETHANE         0.18         0.001         <	1,2-DICHLOROPROPANE	0.08	0.001	0.005
DINOSEB         0.17         0.0002         0.007           ENDRIN         0.053         0.00059         0.002           ETHYLBENZENE         0.088         0.001         0.70           ETHYLENE DIBROMIDE (EDB)         0.044         0.0002         0.00002           HEYACHLOR EPOXIDE         0.0107         0.0002         0.0002           HEXACHLOROBUTADIENE         0.044         0.001            HEXACHLOROCYCLOPENTADIENE         0.060         0.00002         0.002           METHOXYCHLOR         0.055         0.0001         0.002           METHOXYCHLOR         0.050         0.001         0.001           STYRENE         0.120         0.004         0.004           STYRENE         0.150         0.0005         0.10           1,1,2,2-TETRACHLORETHANE         0.081         0.001            TETRACHLORETHYLENE         0.081         0.001            TETRACHLOROBENZENE         0.16         0.0005         0.07           1,1,2-TRICHLOROBENZENE         0.18         0.001         1.00           2,4,5-TP (SILVEX)         0.27         0.0016         0.025           TRIHALOMETHANES (includes):         0.18         0.001 <td>CIS-1,3-DICHLOROPROPYLENE</td> <td>0.079</td> <td>0.001</td> <td></td>	CIS-1,3-DICHLOROPROPYLENE	0.079	0.001	
ENDRIN         0.053         0.00059         0.002           ETHYLBENZENE         0.088         0.001         0.70           ETHYLENE DIBROMIDE (EDB)         0.044         0.0002         0.00005           HEPTACHLOR EPOXIDE         0.0107         0.0002         0.0002           HEXACHLOROBUTADIENE         0.044         0.001            HEXACHLOROCYCLOPENTADIENE         0.060         0.00002         0.002           LINDANE         0.055         0.0001         0.0002           METHOXYCHLOR         0.050         0.0001         0.001           STYRENE         0.120         0.004         0.004           STYRENE         0.150         0.0001            TETRACHLORETHANE         0.881         0.001            TETRACHLORETHYLENE         0.081         0.001            TETRACHLORETHYLENE         0.081         0.001            TETRACHLORETHYLENE         0.081         0.001         0.005           TOLUENE         0.078         0.001         1.00           2,4,5-TP (SILVEX)         0.27         0.0016         0.20           1,1,2-TRICHLOROETHANE         0.18         0.001         0.005	DINOSEB	0.17	0.0002	0.007
ETHYLBENZENE         0.088         0.001         0.70           ETHYLENE DIBROMIDE (EDB)         0.044         0.00002         0.00005           HEPTACHLOR EPOXIDE         0.0107         0.0002         0.0002           HEXACHLOROBUTADIENE         0.044         0.001            HEXACHLOROBUTADIENE         0.060         0.00002         0.055           LINDANE         0.055         0.0001         0.0002           METHOXYCHLOR         0.055         0.0001         0.004           PENTACHLOROPHENOL         0.096         0.001         0.004           STYRENE         0.150         0.0005         0.10           1,1,2,2-TETRACHLORETHANE         0.081         0.001            TETRACHLORETHYLENE         0.081         0.001            TOLUENE         0.078         0.001         1.00           2,4,5-TP (SILVEX)         0.27         0.0016         0.055           1,2,4-TRICHLOROBENZENE         0.16         0.0005         0.07           1,1,1-TRICHLOROETHANE         0.18         0.001         0.005           1,1,2-TRICHLOROETHANE         0.18         0.001         0.005           TRIHALOMETHANES (includes):         0.30	ENDRIN	0.053	0.00059	0.002
ETHYLENE DIBROMIDE (EDB)         0.044         0.00002         0.00005           HEPTACHLOR EPOXIDE         0.0107         0.0002         0.0002           HEXACHLOROBUTADIENE         0.044         0.001            HEXACHLOROBUTADIENE         0.060         0.000002         0.055           LINDANE         0.055         0.0001         0.0002           METHOXYCHLOR         0.055         0.0001         0.001           STMARINE         0.120         0.004         0.004           STYRENE         0.150         0.0005         0.10           1,1,2,2-TETRACHLORETHANE         0.081         0.001            TETRACHLORETHYLENE         0.081         0.001         0.005           TOLUENE         0.078         0.001         1.00           2,4,5-TP (SILVEX)         0.27         0.0016         0.05           1,2,4-TRICHLOROBENZENE         0.16         0.0005         0.007           1,1,1-TRICHLOROBENZENE         0.18         0.001         0.005           TRIHALOMETHANES (includes):         0.18         0.001         0.005           TRIHALOMETHANES (includes):         0.18         0.001         0.005           Bromodichloromethane         0.07<	ETHYLBENZENE	0.088	0.001	0.70
HEPTACHLOR EPOXIDE         0.0107         0.0002         0.0002           HEXACHLOROBUTADIENE         0.044         0.001            HEXACHLOROBUTADIENE         0.060         0.00002         0.05           HEXACHLOROCYCLOPENTADIENE         0.060         0.00001         0.0002           METHOXYCHLOR         0.055         0.00001         0.0002           METHOXYCHLOR         0.050         0.0001         0.001           SIMAZINE         0.120         0.004         0.004           STYRENE         0.150         0.0005         0.10           1,1,2,2-TETRACHLORETHANE         0.081         0.001            TETRACHLORETHYLENE         0.081         0.001         0.005           70LUENE         0.078         0.001         1.00           2,4,5-TP (SILVEX)         0.27         0.0016         0.055           1,2,4-TRICHLOROBENZENE         0.16         0.0005         0.007           1,1,2-TRICHLOROETHANE         0.18         0.001         0.005           TRIHALOMETHANES (includes):         0.18         0.001         0.005           TRIHALORETHYLENE         0.18         0.015         0.08           bromodichloromethane         0.007	ETHYLENE DIBROMIDE (EDB)	0.044	0.00002	0.00005
HEXACHLOROBUTADIENE         0.044         0.001            HEXACHLOROCYCLOPENTADIENE         0.060         0.00002         0.05           LINDANE         0.055         0.00001         0.0002           METHOXYCHLOR         0.050         0.0001         0.0002           PENTACHLOROPHENOL         0.096         0.001         0.001           SIMAZINE         0.120         0.004         0.004           STYRENE         0.150         0.0001         0.004           STYRENE         0.150         0.0001            TETRACHLORETHANE         0.081         0.001            TETRACHLORETHYLENE         0.081         0.001         0.005           TOLUENE         0.078         0.001         1.00           2,4,5-TP (SILVEX)         0.27         0.0016         0.05           1,2,4-TRICHLOROETHANE         0.15         0.0005         0.007           1,1,2-TRICHLOROETHANE         0.18         0.001         0.005           TRIHALOMETHANES (includes):         0.18         0.001         0.005           TRIHALOROETHANE         0.30         0.015         0.08           bromodichloromethane         0.007         0.001	HEPTACHLOR EPOXIDE	0.0107	0.0002	0.0002
HEXACHLOROCYCLOPENTADIENE         0.060         0.000002         0.05           LINDANE         0.055         0.00001         0.0002           METHOXYCHLOR         0.050         0.0001         0.002           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-TETRACHLORETHANE         0.081         0.001            TCLUENE         0.081         0.001         0.005           1,2,4-STP (SILVEX)         0.27         0.0016         0.05           1,2,4-TRICHLOROBENZENE         0.16         0.0005         0.007           1,1,1-TRICHLOROETHANE         0.18         0.001         0.005           1,1,2-TRICHLORETHANE         0.18         0.001         0.005           TRIALOMETHANES (includes):         0.18         0.001         0.005           chloroform (surrogate chemical)         0.30         0.015         0.08           bromodichloromethane         0.007         0.001         10.00           ANSI/NSF STANDARD TEST CONDITIONS: 60 PSI(4.14 bar)	HEXACHLOROBUTADIENE	0.044	0.001	
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-TETRACHLORETHANE         0.081         0.001            TETRACHLORETHYLENE         0.081         0.001         0.005           TOLUENE         0.078         0.001         1.00           2,4,5-TP (SILVEX)         0.27         0.016         0.05           1,2,4-TRICHLOROBENZENE         0.16         0.0005         0.07           1,1,1-TRICHLOROETHANE         0.084         0.0046         0.20           1,1,2-TRICHLOROETHANE         0.18         0.001         0.005           TRICHLOROETHYLENE         0.18         0.001         0.005           TRICHLOROETHYLENE         0.18         0.001         0.005           rkichtLOMETHANES (includes):         0.30         0.015         0.08           chloroform (surrogate chemical)         0.30         0.015         0.08           bromodichloromethane         0.007         0	HEXACHLOROCYCLOPENTADIENE	0.060	0.000002	0.05
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-TETRACHLORETHANE         0.081         0.001            TETRACHLORETHYLENE         0.081         0.001         0.005           TOLUENE         0.078         0.001         1.00           2,4,5-TP (SILVEX)         0.27         0.0016         0.05           1,2,4-TRICHLOROBENZENE         0.16         0.0005         0.07           1,1,1-TRICHLOROBENZENE         0.18         0.001         0.005           1,1,2-TRICHLORETHANE         0.18         0.001         0.005           TRIHALOMETHANES (includes):         0.18         0.001         0.005           chloroform (surrogate chemical)         0.30         0.015         0.08           bromodichloromethane         0.07         0.001         10.00	LINDANE	0.055	0.00001	0.0002
PENTACHLOROPHENOL         0.096         0.001         0.001           SIMAZINE         0.120         0.004         0.004           STYRENE         0.150         0.0005         0.101           STYRENE         0.081         0.001            TETRACHLORETHANE         0.081         0.001            TETRACHLORETHYLENE         0.081         0.001         0.005           TOLUENE         0.078         0.001         1.00           2,4,5-TP (SILVEX)         0.27         0.0016         0.05           1,2,4-TRICHLOROBENZENE         0.16         0.0005         0.07           1,1,2-TRICHLOROETHANE         0.18         0.001         0.005           TRIHALORETHYLENE         0.18         0.001         0.005           TRIHALORETHANES (includes):         chloroform (surrogate chemical)	METHOXYCHLOR	0.050	0.0001	0.04
SIMAZINE         0.120         0.004         0.004           STYRENE         0.150         0.0005         0.10           1,1,2,2-TETRACHLORETHANE         0.081         0.001            TETRACHLORETHYLENE         0.081         0.001         0.005           7DLUENE         0.078         0.001         1.00           2,4,5-TP (SILVEX)         0.27         0.0016         0.05           1,2,4-TRICHLOROBENZENE         0.16         0.0005         0.07           1,1,1-TRICHLOROTHANE         0.084         0.0046         0.20           1,1,2-TRICHLORETHANE         0.15         0.0005         0.005           TRICHLOROETHYLENE         0.18         0.001         0.005           TRICHLOROETHYLENE         0.30         0.015         0.08           bromoform         0.30         0.015         0.08           bromoform         0.30         0.015         0.08           bromodichloromethane         0.07         0.001         10.00           ANSI/NSF STANDARD TEST CONDITIONS: 60 PSI(4.14 bar), 60° F (20°C), and Ph 7         10.00         10.00	PENTACHLOROPHENOL	0.096	0.001	0.001
STYRENE         0.150         0.0005         0.10           1,1,2,2-TETRACHLORETHANE         0.081         0.001            TETRACHLORETHYLENE         0.081         0.001         0.005           TOLUENE         0.078         0.001         1.00           2,4,5-TP (SILVEX)         0.27         0.016         0.05           1,2,4-TRICHLOROBENZENE         0.16         0.0005         0.07           1,1,1-TRICHLOROETHANE         0.15         0.0005         0.005           1,1,2-TRICHLORETHANE         0.18         0.001         0.005           TRICHLOROETHYLENE         0.18         0.001         0.005           TRIHALOMETHANES (includes): chloroform (surrogate chemical) bromoform         0.30         0.015         0.08           VYLENES         0.07         0.001         10.00           ANSI/NSF STANDARD TEST CONDITIONS: 60 PSI (4.14 bar), 60° F (20°C), and Ph 7         10.00	SIMAZINE	0.120	0.004	0.004
1,1,2,2-TETRACHLORETHANE         0.081         0.001            TETRACHLORETHYLENE         0.081         0.001         0.005           TOLUENE         0.078         0.001         1.00           Z,4,5-TP (SILVEX)         0.27         0.0016         0.05           1,2,4-TRICHLOROBENZENE         0.16         0.0005         0.07           1,1,1-TRICHLOROETHANE         0.084         0.0046         0.20           1,1,2-TRICHLOROETHANE         0.15         0.0005         0.005           TRICHLOROETHYLENE         0.18         0.001         0.005           TRIHALOMETHANES (includes):	STYRENE	0.150	0.0005	0.10
TETRÄCHLORETHYLENE         0.081         0.001         0.005           TOLUENE         0.078         0.001         1.00           2,4,5-TP (SILVEX)         0.27         0.0016         0.05           1,2,4-TRICHLOROBENZENE         0.16         0.0005         0.07           1,1,1-TRICHLOROETHANE         0.084         0.0046         0.20           1,1,2-TRICHLORETHANE         0.15         0.0005         0.005           TRIHALOMETHANES (includes):         0.18         0.001         0.005           chloroform (surrogate chemical)         0.30         0.015         0.08           bromodichloromethane         0.007         0.001         10.00           ANS/NSF STANDARD TEST CONDITIONS: 60 PSI(4.4 bar), 60° F (20°C), and Ph 7         0.005         0.005	1,1,2,2-TETRACHLORETHANE	0.081	0.001	
TOLUENE         0.078         0.001         1.00           2,4,5-TP (SILVEX)         0.27         0.0016         0.05           1,2,4-TRICHLOROBENZENE         0.16         0.0005         0.07           1,1,1-TRICHLOROETHANE         0.084         0.0046         0.20           1,1,2-TRICHLOROETHANE         0.15         0.0005         0.005           TRICHLOROETHYLENE         0.18         0.001         0.005           TRICHLOROETHYLENE         0.18         0.001         0.005           TRICHLOROETHYLENE         0.18         0.001         0.005           TRICHLOROETHYLENE         0.30         0.015         0.08           bromoform (surrogate chemical)         0.30         0.015         0.08           bromodichloromethane	TETRACHLORETHYLENE	0.081	0.001	0.005
2,4,5-TP (SILVEX)         0.27         0.0016         0.05           1,2,4-TRICHLOROBENZENE         0.16         0.0005         0.07           1,1,1-TRICHLOROETHANE         0.084         0.0046         0.20           1,1,2-TRICHLOROETHANE         0.15         0.0005         0.005           TRICHLOROETHYLENE         0.18         0.001         0.005           TRICHLOROETHYLENE         0.30         0.015         0.08           thoroform (surrogate chemical)         0.30         0.015         0.08           bromodichloromethane         0.07         0.001         0.005           XYLENES         0.07         0.001         10.00           ANSI/NSF STANDARD TEST CONDITIONS: 60 PSI (4.14 bar), 60° F (20°C), and Ph 7         10.00	TOLUENE	0.078	0.001	1.00
1,2,4-TRICHLOROBENZENE         0.16         0.0005         0.07           1,1,1-TRICHLOROETHANE         0.084         0.0046         0.20           1,1,2-TRICHLORETHANE         0.15         0.0005         0.005           TRICHLOROETHYLENE         0.18         0.001         0.005           TRIHALOMETHANES (includes):         0.30         0.015         0.08           bromoform         0.30         0.015         0.08           bromodichloromethane         0.07         0.001         10.00           ANSI/NSF STANDARD TEST CONDITIONS: 60 PSI (4.14 bar), 60° F (20°C), and Ph 7         0.07         0.001         10.00	2,4,5-TP (SILVEX)	0.27	0.0016	0.05
1,1,1-TRICHLOROETHANE         0.084         0.0046         0.20           1,1,2-TRICHLORETHANE         0.15         0.0005         0.005           TRICHLOROETHYLENE         0.18         0.001         0.005           TRICHLOROETHYLENE         0.18         0.001         0.005           triangle chemical)         0.30         0.015         0.08           bromoform         0.30         0.015         0.08           bromodichloromethane         0.07         0.001         10.00           ANSVNSF STANDARD TEST CONDITIONS: 60 PSI (4.14 bar), 60° F (20°C), and Ph 7         10.00         10.00 <td>1,2,4-TRICHLOROBENZENE</td> <td>0.16</td> <td>0.0005</td> <td>0.07</td>	1,2,4-TRICHLOROBENZENE	0.16	0.0005	0.07
1,1,2-TRICHLORETHANE         0.15         0.0005         0.005           TRICHLOROETHYLENE         0.18         0.001         0.005           TRIHALOMETHANES (includes):         chloroform (surrogate chemical)         0.30         0.015         0.08           bromoform         0.30         0.015         0.08         0.08         0.015         0.08           vomodichloromethane         0.07         0.001         10.00         ANSI/NSF STANDARD TEST CONDITIONS: 60 PSI (4.14 bar), 60° F (20°C), and Ph 7	1,1,1-TRICHLOROETHANE	0.084	0.0046	0.20
TRICHLOROETHYLENE     0.18     0.001     0.005       TRIHALOMETHANES (includes): chloroform (surrogate chemical) bromodichloromethane chlorodibromomethane     0.30     0.015     0.08       XYLENES     0.07     0.001     10.00       ANSI/NSF STANDARD TEST CONDITIONS: 60 PSI (4.14 bar), 60° F (20°C), and Ph 7	1,1,2-TRICHLORETHANE	0.15	0.0005	0.005
TRIHALOMETHANES (includes):       chloroform (surrogate chemical)       0.30       0.015       0.08         bromodichloromethane       chlorodibromomethane       0.07       0.001       10.00         XYLENES       0.07       0.001       10.00         ANSI/NSF STANDARD TEST CONDITIONS: 60 PSI (4.14 bar), 60° F (20°C), and Ph 7	TRICHLOROETHYLENE	0.18	0.001	0.005
chloroform (surrogate chemical)     0.30     0.015     0.08       bromoform     0.30     0.015     0.08       bromodichloromethane     2000     0.001     10.00       chlorodibromomethane     0.07     0.001     10.00       XYLENES     0.07     0.001     10.00       ANSI/NSF STANDARD TEST CONDITIONS: 60 PSI (4.14 bar), 60° F (20°C), and Ph 7	TRIHALOMETHANES (includes):			
bromoform 0.30 0.015 0.08 bromodichloromethane chlorodibromomethane 2007 0.001 10.00 XYLENES 0.07 0.001 10.00 ANSVINSF STANDARD TEST CONDITIONS: 60 PSI (4.14 bar), 60° F (20°C), and Ph 7	chloroform (surrogate chemical)			
bromodichloromethane chlorodibromomethane XYLENES 0.07 0.001 10.00 ANSI/NSF STANDARD TEST CONDITIONS: 60 PSI (4.14 bar), 60° F (20°C), and Ph 7	bromoform	0.30	0.015	0.08
chlorodibromomethane         0.07         0.001         10.00           XYLENES         0.07         0.001         10.00           ANSI/NSF STANDARD TEST CONDITIONS: 60 PSI (4.14 bar), 60° F (20°C), and Ph 7         10.00         10.00	bromodichloromethane			
XYLENES         0.07         0.001         10.00           ANSI/NSF STANDARD TEST CONDITIONS: 60 PSI (4.14 bar), 60° F (20°C), and Ph 7	chlorodibromomethane			
ANSI/NSF STANDARD TEST CONDITIONS: 60 PSI (4.14 bar), 60° F (20°C), and Ph 7	XYLENES	0.07	0.001	10.00
	ANSI/NSF STANDARD TEST CONDITIONS: 60 PSI (4.14 bar). 60° F (20°C), and Ph 7			

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.

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.** 

#### NOT APPROVED FOR USE IN CALIFORNIA. PLEASE **REQUEST CALIFORNIA-SPECIFIC LITERATURE FROM** YOUR LOCAL RAINSOFT DEALER.

DO NOT INSTALL SYSTEM WHERE WATER IS MICROBIOLOGI-CALLY UNSAFE OR OF UNKNOWN QUALITY WITHOUT ADEQUATE DISINFECTION BEFORE OR AFTER THE SYSTEM. THE SYSTEM CONTAINS REPLACEMENT COMPONENTS CRITICAL FOR EFFECTIVE REMOVAL OF CONTAMINANTS. THE WATER SHOULD BE TESTED PERIODICALLY TO VERIFY THAT THE SYSTEM IS PERFORMING SATISFACTORILY.

ADDITIONAL TESTS			
	AVERAGE	AVERAGE	
CHALLENGE	INFLUENT	EFFLUENT	REDUCTION
	LEVEL	LEVEL	
Chlorine	3.0 mg/L	0.1 mg/L	97.0%

ADDITIONAL NOTES:

- . The list of substances which this treatment device reduces does not
- necessarily mean that these substances are present in your water supply. Reductions shown are for Volatile Organic

Chemicals/Compounds (VOC) as per NSF tables. 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).

- This system is designed for treatment of cold water only.
- This system contains silver impregnated carbon which inhibits the growth of bacteria on the filter media.
- Actual results may vary due to local water conditions.

. This system was tested and validated at specified flow rate, reduction claims above these rates may vary.



TESTED AND VALIDATED BY WQA UNDER NSF/ANSI STANDARD 42 FOR AESTHETIC CHLORINE REDUCTION. TESTED AND VALIDATED BY WOA UNDER NSF/ANSI STANDARD 53 FOR VOC REDUCTION.

SEE WARRANTY CARD FOR SPECIFIC WARRANTY INFORMATION.