



## PERFORMANCE DATA SHEET

## ECLIPSE™ CT-35E Countertop Drinking Water System

### NSF/ANSI STANDARD 53 (Health Effects)

This System has been certified by IAPMO R&T according to NSF/ANSI Standard 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 Standard 53.

SUBSTANCE*	INFLUENT CHALLENGE CONCENTRATION (mg/L)	MAX. PRODUCT WATER CONCENTRATION (mg/L)	ACTUAL % REDUCTION
alachlor	0.050	0.001	>98%
atrazine	0.100	0.003	>97%
benzene	0.081	0.001	>99%
carbofuran	0.190	0.001	>99%
carbon tetrachloride	0.078	0.0018	98%
chlorobenzene	0.077	0.001	>99%
chloropicrin	0.015	0.0002	99%
2,4-D	0.110	0.0017	98%
dibromochloropropane (DBCP)	0.052	0.00002	>99%
o-dichlorobenzene	0.080	0.001	>99%
p-dichlorobenzene	0.040	0.001	>98%
1,2-dichloroethane	0.088	0.0048	>95%
1,1-dichloroethylene	0.083	0.001	>99%
cis-1,2-dichloroethylene	0.170	0.0005	>99%
trans-1,2-dichloroethylene	0.086	0.001	>99%
1,2-dichloropropane	0.080	0.001	>99%
cis-1,3-dichloropropylene	0.079	0.001	>99%
dinoseb	0.170	0.0002	99%
endrin	0.053	0.00059	99%
ethylbenzene	0.088	0.001	>99%
ethylene dibromide (EDB)	0.044	0.00002	>99%
haloacetonitriles (HAN):			
bromochloroacetonitrile	0.022	0.0005	98%
dibromoacetonitrile	0.024	0.0006	98%
dichloroacetonitrile	0.0096	0.0002	98%
trichloroacetonitrile	0.015	0.0003	98%
haloketones (HK):			
1,1,-dichloro-2-propanone	0.0072	0.0001	99%
1,1,1-trichloro-2-propanone	0.0082	0.0003	96%
heptachlor (H-34, heptox)	0.08	0.0001	>99%
heptachlor epoxide	0.0107	0.0002	98%

SUBSTANCE*	INFLUENT CHALLENGE CONCENTRATION (mg/L)	MAX. PRODUCT WATER CONCENTRATION (mg/L)	ACTUAL % REDUCTION
hexachlorobutadiene	0.044	0.001	>98%
hexachlorocyclopentadiene	0.060	0.000002	>99%
lindane	0.055	0.00001	>99%
methoxychlor	0.050	0.0001	>99%
pentachlorophenol	0.096	0.001	>99%
simazine	0.120	0.004	>97%
styrene	0.150	0.0005	>99%
1,1,2,2-tetrachloroethane	0.081	0.001	>99%
tetrachloroethylene	0.081	0.001	>99%
toluene	0.078	0.001	>99%
2,4,5-TP (silvex)	0.270	0.0016	99%
tribromoacetic acid	0.042	0.001	>98%
1,2,4-trichlorobenzene	0.160	0.0005	>99%
1,1,1-trichloroethane	0.084	0.0046	>95%
1,1,2-trichloroethane	0.150	0.0005	>99%
trichloroethylene	0.180	0.0010	>99%
trihalomethanes (includes):	0.300	0.015	95%
chloroform (surrogate chemical)			
bromoform			
bromodichloromethane			
chlorodibromomethane			
xylenes (total)	0.070	0.001	>99%

\*Organic chemicals included via chloroform surrogate testing

SUBSTANCE	INFLUENT CHALLENGE CONCENTRATION	REDUCTION REQUIREMENT	ACTUAL % REDUCTION
cyst (cryptosporidium, giardia)	min. 50,000/L	99.95%	99.99%
chloroform	0.300 ± 10%	≥95%	>99%

SUBSTANCE	INFLUENT CHALLENGE CONCENTRATION (mg/L)	MAX. PRODUCT WATER CONCENTRATION (mg/L)	ACTUAL % REDUCTION
lead (pH 6.5)	0.15 ± 10%	0.010	99.6%
lead (pH 8.5)	0.15 ± 10%	0.010	98.9%
mercury (pH 6.5)	0.006 ± 10%	0.002	96.1%
mercury (pH 8.5)	0.006 ± 10%	0.002	96.7%
MTBE (methyl tert-butyl ether)	0.015 ± 20%	0.005	96.6%
turbidity	11 ± 1 NTU	0.5 NTU	>99%
PFOA and PFOS	0.0015 ± 20%	0.00002	99.56%

### NSF/ANSI STANDARD 42 (Aesthetic Effects)

This System has been certified by IAPMO R&T according to NSF/ANSI Standard 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 Standard 42.

SUBSTANCE	INFLUENT CHALLENGE CONCENTRATION	REDUCTION REQUIREMENT	ACTUAL % REDUCTION
chlorine	2.0 mg/L ± 10%	≥50%	98.4%
chloramine	3.0 mg/L ± 10%	0.5 mg/L	98.4%
particulate*	≥ 10,000 particles/mL	≥85%	99.9%

\*Class I particles 0.5 to <1 µm

### NSF/ANSI STANDARD 401 (Emerging Compounds/Incidental Contaminants)

This System has been certified by IAPMO R&T according to NSF/ANSI Standard 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 Standard 401.

SUBSTANCE	INFLUENT CHALLENGE CONCENTRATION (ng/L)	MAX. PRODUCT WATER CONCENTRATION (ng/L)	ACTUAL % REDUCTION
atenolol	200 ± 20%	30	95.8%
bisphenol A (BPA)	2,000 ± 20%	300	95.3%
carbamazepine	1,400 ± 20%	200	96.4%
DEET (diethyltoluamide)	1,400 ± 20%	200	99.0%
estrone	140 ± 20%	20	96.5%
ibuprofen	400 ± 20%	60	94.8%
linuron	140 ± 20%	20	92.6%

SUBSTANCE	INFLUENT CHALLENGE CONCENTRATION (ng/L)	MAX. PRODUCT WATER CONCENTRATION (ng/L)	ACTUAL % REDUCTION
meprobamate	400 ± 20%	60	94.5%
metolachlor	1,400 ± 20%	200	99.7%
naproxen	140 ± 20%	20	96.4%
nonylphenol	1,400 ± 20%	200	92.7%
phenytoin	200 ± 20%	30	94.5%
TCEP (Tris (2-chloroethyl) phosphate)	5,000 ± 20%	700	99.6%
TCP (Tris (1-chloro-2-propyl) phosphate)	5,000 ± 20%	700	99.8%
trimethoprim	140 ± 20%	20	96.3%

SUBSTANCE	INFLUENT CHALLENGE CONCENTRATION	REDUCTION REQUIREMENT	ACTUAL % REDUCTION
microplastics, particles 0.5 to <1 µm	≥ 10,000 particles/mL	≥85%	99.9%

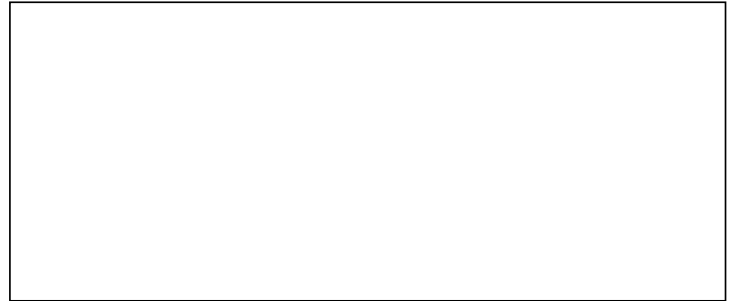


### ECLIPSE™ CT-35E COUNTERTOP DRINKING WATER SYSTEM

Installation . . . . .	Countertop	Housing Construction . . . . .	High Impact ABS/Stainless Steel
Rated Capacity . . . . .	1,000 Gallons (3,785 L)	Maximum Working Pressure . . . . .	100 psig (689.5 kPa)
Replacement Cartridge (includes new battery and shuttle) . . . . .	RC-35E	Minimum Working Pressure . . . . .	30 psig (206.8 kPa)
Replacement Battery (included with RC-35E cartridge) . . . . .	CR2032, 3V Lithium	Maximum Operating Temperature (for cold water use only) . . . . .	100° F/38° C
Filter Life Indicator . . . . .	Electronic LED	Minimum Operating Temperature . . . . .	34° F/1° C
Rated Service Flow @ 60 psi . . . . .	0.75 gal/min	Particle Retention Size . . . . .	Sub-Micron (0.5 micron)
EPA Establishment Number . . . . .	63018-NV-001	U.S. Patent Number: D408,494	

1. Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the System. Systems certified for cyst reduction may be used with disinfected water that may contain filterable cysts.
2. For use on cold, potable water supplies only.
3. For this System to continue to perform as tested and represented, use only genuine, certified ECLIPSE™ Replacement Filter Cartridges. Replace Filter Cartridge when any of the following occurs:
  - Annually
  - The flow rate diminishes
  - When the rated capacity of the Cartridge has been reached
  - When you notice a taste or odor recurrence
4. Installation of this product must comply with all state and local laws and regulations. Refer to your local agencies for details.
5. The contaminants or other substances removed or reduced by this Drinking Water System are not necessarily in all users' water.
6. Individuals requiring specific microbiological purity should consult their physician.
7. For limited warranty and installation and operating instructions, please refer to the ECLIPSE Owner's Manual.

### To order replacement parts or accessories, contact your local distributor:



ABBREVIATIONS:  
mg/L: Milligrams per Liter  
NTU: Nephelometric Turbidity Unit  
VOC: Volatile Organic Compound  
US-EPA: United States Environmental Protection Agency

