



System Certified by IAPMO R&T against NSF/ANSI Standard 42 for the reduction of Chloramine, Chlorine Taste and Odor, and Particulate Class I; NSF/ANSI Standard 53 for the reduction of Lead, Mercury, Cysts, VOGs, MTBE and Turbidity; NSF/ANSI Standard 401 for the reduction of claims specified on the Performance Data Sheet; NSF/ANSI Standard 372 for Lead-Free Compliance under the US SDWA.



PERFORMANCE DATA SHEET

MODELS: C7000/C6500

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-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 | | | |
| xylene (total) | 0.070 | 0.001 | >99% |

*VOC chemicals included by surrogate testing

| SUBSTANCE | INFLUENT CHALLENGE CONCENTRATION | REDUCTION REQUIREMENT | ACTUAL % REDUCTION |
|---------------------------------|----------------------------------|-----------------------|--------------------|
| cyst (cryptosporidium, giardia) | min. 50,000/L | 99.95% | 99.99% |
| VOC* | 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% |

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* | at least 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% |

| SUBSTANCE | INFLUENT CHALLENGE CONCENTRATION (ng/L) | MAX. PRODUCT WATER CONCENTRATION (ng/L) | ACTUAL % REDUCTION |
|---|---|---|--------------------|
| linuron | 140 ± 20% | 20 | 92.6% |
| 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% |



SPECIFICATIONS

MODELS: C7000/C6500

WATERCHEF® COUNTERTOP WATER FILTRATION SYSTEMS (C7000/C6500)

| | | | |
|---|-------------------------|--|--|
| Installation..... | Countertop | Rated Service Flow..... | 0.75 gal/min @ 60 psi |
| EPA Establishment Number..... | 63018-NV-001 | Housing Construction..... | High Impact ABS / Surgical Stainless Steel |
| Rated Capacity (C7000)..... | 1,000 gallons (3,785 L) | Maximum Working Pressure..... | 100 psig (7.03 kg/cm ² , 689.5 kPa) |
| Rated Capacity (C6500)..... | .600 gallons (2,271 L) | Minimum Working Pressure..... | 30 psig (2.11 kg/cm ² , 206.8 kPa) |
| Replacement Filter Cartridge (C7000)..... | CR70 | Maximum Operating Temperature (for cold water use only)..... | 100° F / 38° C |
| Replacement Filter Cartridge (C6500)..... | CR65 | Minimum Operating Temperature..... | 34° F / 1° C |
| Replacement Battery (C7000) (included with CR70 Cartridge)..... | 2032 CR, 3V lithium | Particle Retention Size..... | Sub-Micron (0.5 micron) |
| Filter Life Indicator (C7000)..... | Electronic LED | U.S. Patent Number: D408,494 | |

- 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.
- For use on cold, potable water supplies only.
- For this System to continue to perform as tested and represented, use only genuine, IAPMO certified WaterChef® Filter Cartridges. Replace the filter cartridge when the first of the following occurs:
 - Annually
 - The flow rate diminishes
 - The rated capacity of the filter cartridge has been reached
 - You notice a taste or odor recurrence
- Installation of this product must comply with all state and local laws and regulations. Refer to your local agencies for details.
- The contaminants or other substances removed or reduced by this drinking water System are not necessarily in all users' water.
- Individuals requiring specific microbiological purity should consult their physician.
- For limited warranty, and installation and operating instructions, please refer to the Installation, Use & Care Guide.

8. While testing was performed under standard laboratory conditions, actual performance may vary. This System is retested and certified every five years for contaminant reduction by IAPMO as required to maintain the device certification listing.

9. For more information regarding the purchase of genuine, IAPMO certified WaterChef® filter cartridges and replacement parts, contact:

WaterChef Customer Care
 3760 Barron Way
 Reno, NV 89511
 tel: 1.800.879.8909
 email: customercare@waterchef.com
 web: www.waterchef.com

ABBREVIATIONS:
 mg/L: Milligrams per Liter
 ng/L: Nanograms per Liter
 psig: Pounds per Square Inch, Gauge
 NTU: Nephelometric Turbidity Unit
 VOC: Volatile Organic Compound
 US-EPA: United States Environmental Protection Agency

