

# PERFORMANCE DATA SHEET

## Cyst Interior Water Filtration System Model P1AC250 and P1AC416/UKF7003 Capacity 200 Gallons (757 Liters)



System tested and certified by NSF International against NSF/ANSI Standard 42, 53 and CSA B483.1 for the reduction of contaminants specified on the Performance Data Sheet.

**Capacity:** 200 gallons (757 liters),

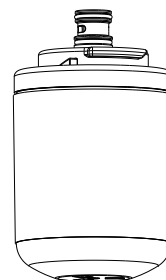
**Service flow rate:** 0.5 GPM (1.89 L/min.) @ 60 psi.

| Substance Reduction                     | Influent Challenge Concentration             | Maximum Permissible Product Water Concentration   | Average % Product Water Concentration   | Average % Reduction |
|---|--|---|---|---------------------|
| Aesthetic Effects                       |  |   |   |                     |
| Chlorine Taste/Odor                     | 2.0 mg/L ± 10%                               | 50% reduction                                     | 97.60%                                  | 97.60%              |
| "Particulate Class I, ≥0.5 to < 1.0 µm" | "At least 10,000 particles/mL"               | 85% reduction                                     | 99.60%                                  | 99.60%              |
| Contaminant Reduction                   | "Influent Challenge Concentration"           | "Maximum Permissible Product Water Concentration" | "Average % Product Water Concentration" | Average % Reduction |
| Asbestos                                | 10 <sup>7</sup> to 10 <sup>8</sup> fibers /L | 99%   | 99%                                     | 99%                 |
| Cyst                                    | 50,000/L min.                                | 99.95%**  | 99.99%                                  | 99.99%              |
| Turbidity                               | 11 NTU ± 10%                                 | 0.5 NTU   | 0.1NTU                                  | 99.09%              |
| Lead: @ pH 6.5                          | 0.15 mg/L ± 10%                              | 0.010 mg/L  | 0.001 mg/L                              | 99.33%              |
| Lead: @ pH 8.5                          | 0.15 mg/L ± 10%                              | 0.010 mg/L  | 0.002 mg/L                              | 98.66%              |
| Mercury: @ pH 6.5                       | 0.006 mg/L ± 10%                             | 0.002 mg/L  | 0.001 mg/L                              | 83.33%              |
| Mercury: @ pH 8.5                       | 0.006 mg/L ± 10%                             | 0.002 mg/L  | 0.0016mg/L                              | 73.33%              |
| P-Dichlorobenzene                       | 0.225 mg/L ± 10%                             | 0.075 mg/L  | 0.065 mg/L                              | 71.11%              |
| Benzene                                 | 0.015 mg/L ± 10%                             | 0.005 mg/L  | 0.0005 mg/L                             | 96.66%              |
| Carbofuran                              | 0.08 mg/L ± 10%                              | 0.004 mg/L  | 0.004 mg/L                              | 95.00%              |

- It is essential that operational, maintenance, and filter replacement requirements be carried out for this product to perform as advertised.
- The disposable cartridge must be changed at least every 6 months.
- Use replacement filter UKF7003, part #EDR7D1/EDR7D1B. 2015 suggested retail price of \$49.99 U.S.A./\$49.99 Canada. Prices are subject to change without notice.
- The product is for cold water use only.
- These contaminants are not necessarily in your water supply. While testing was performed under standard laboratory conditions, actual performance may vary.
- 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 on disinfected water that may contain filterable cysts. EPA Est. No. 082047-TWN-001.
- Refer to the "Warranty" section for the Manufacturer's limited warranty, manufacturer's name, address, and telephone number.

### Application Guidelines/Water Supply Parameters

|                   |                                 |
|-------------------|---------------------------------|
| Water Supply      | Potable City or Well            |
| Water Pressure    | 30 - 120 psi (207 - 827 kPa)    |
| Water Temperature | 33° - 100°F (0.6° - 37.8° C)    |
| Service Flow Rate | 0.5 GPM (1.89 L/min.) @ 60 psi. |



\*Test requirement is at least 100,000 particles/ml of AC Fine Test Dust. \*\*Cyst performance is % reduction based on NSF Standard 53. These contaminants are not necessarily in your water supply. Performance may vary based on local water conditions. © NSF is a registered trademark of NSF International.