

# Performance Data Sheet

## Model: AP-DWS1000 and AP-DWS1000 LF

Use Replacement Cartridge AP-DW80, AP-DW90

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 and Standard 53.



System tested and certified by NSF International against NSF/ANSI Standard 42 and Standard 53 for the reduction of substances listed below.

Capacity 625 Gallons (2,366 Liters)      Contaminant Reduction Determined by NSF testing.

Contaminant Reduction	Average Influent	NSF specified Challenge Concentration	Avg % Reduction	Average Product Water Concentration	Max Permissible Product Water Concentration	NSF Reduction Requirements	NSF Test Report
Chlorine Taste and Odor	2.1 mg/L	2.0 mg/L ± 10%	97.6	0.05 mg/L	N/A	≥ 50%	J-00029741
Nominal Particulate Class I, ≥0.5 to < 1.0 µm	10,566,667 pts/mL	At least 10,000 particles/mL	98.3	171,833 pts/mL	N/A	≥85%	J-00029739
Cyst*	110,500 cysts/L	Minimum 50,000 cysts/L	99.99	1 cyst/L	N/A	≥99.95%	J-00033293
Lead @ pH 6.5	0.158 mg/L	0.15 mg/L ± 10%	99.3	0.001 mg/L	0.010 mg/L	N/A	J-00031399
Lead @ pH 8.5	0.153 mg/L	0.15 mg/L ± 10%	99.3	0.001 mg/L	0.010 mg/L	N/A	J-00029746
MTBE	0.016 mg/L	0.015 mg/L ± 20%	96.8	0.0005 mg/L	0.005 mg/L	N/A	J-00031110
Turbidity	10.5 NTU	11 ± 1 NTU	98.5	0.15 NTU	0.5 NTU	N/A	J-00033223
VOC	0.287 mg/L	0.300 mg/L ± 10%	99.4	0.00063 mg/L	N/A	≥95%	J-00056326

\* Based on the use of Cryptosporidium parvum oocysts.

Application Guidelines/Water Supply Parameters	
Service Flow	0.6 gpm (2.3 lpm)
Water Supply	Potable Water
Water Pressure	25 - 125 psi (172 – 862 kPa)
Water Temperature	40° F - 100° F (4.4° C - 38° C)

It is essential that the manufacturer's recommended installation, maintenance and filter replacement requirements be carried out for the product to perform as advertised. See Installation Manual for Warranty information.

**Note:** While the testing was performed under standard laboratory conditions, actual performance may vary.

Replacement Cartridge: AP-DW80, AP-DW90. For estimated costs of replacement elements please call 1-800-222-7880 or visit our website at [www.3Mpurification.com](http://www.3Mpurification.com)

Parts and service available from:



**3M Purification Inc.**  
 400 Research Parkway  
 Meriden, CT 06450, U.S.A.  
 Tel (800) 222-7880  
 (203) 237-5541  
 Fax (203) 238-8701  
[www.3Mpurification.com](http://www.3Mpurification.com)

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### ⚠ WARNING

**To reduce the risk associated with ingestion of contaminants:**

- **Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before and after the system.** Systems certified for cyst reduction may be used on disinfected water that may contain filterable cysts. EPA Establishment Number 070595-CT-001

### CAUTION

**To reduce the risk associated with property damage due to water leakage:**

- **Read and follow** Use Instructions before installation and use of this system.
- Installation and use **MUST** comply with all state and local plumbing codes.
- **Do not** install if water pressure exceeds 125 psi (862 kPa). If your water pressure exceeds 80 psi, you **must** install a pressure limiting valve. Contact a plumbing professional if you are uncertain how to check your water pressure.
- **Do not** install where water hammer conditions may occur. If water hammer conditions exist you **must** install a water hammer arrester. Contact a plumbing professional if you uncertain how to check for this condition.
- **Do not** install on hot water supply lines. The maximum operating water temperature of this filter system is 100° F (38° C).
- **Protect filter from freezing.** Drain filter when temperatures drop below 40°F (4.4°C).
- The disposable filter cartridge **must** be replaced every **6** months, at the rated capacity or sooner, if a noticeable reduction in flow rate occurs.