

# Performance Data Sheet

## Model: DWS160-L

Use Replacement Cartridge 160-L

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 6000 Gallons (22,712 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	1.9 mg/L	2.0 mg/L ± 10%	97.3%	0.05 mg/L	N/A	≥ 50%	J-00074328
Nominal Particulate Class I, , ≥0.5 to < 1.0 µm	5,966,667 pts/mL	At least 10,000 particles/mL	99.9%	5517 pts/ml	N/A	≥85%	J-00037739
Benzene	0.014 mg/L	0.015 mg/L ± 10%	96.4%	0.005 mg/L	0.005 mg/L	N/A	J-00074324
Cyst*	122,500 cysts/L	Minimum 50,000 cysts/L	99.99%	<1 cyst/L	N/A	≥99.95%	J-00037737
Lead pH @6.5	0.148 mg/L	0.15 mg/L ± 10%	>99.3%	0.001 mg/L	0.010 mg/L	N/A	J-00074321
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-00074322
P-Dichlorobenzene	0.235 mg/L	0.225 mg/L ± 10%	99.7%	0.0005 mg/L	0.075 mg/L	N/A	J-00074326
Toxaphene	0.015 mg/L	0.015 mg/L ± 10%	93.1%	0.001 mg/L	0.003 mg/L	N/A	J-00074327

\* Based on the use of Cryptosporidium parvum oocysts

Application Guidelines/Water Supply Parameters	
Service Flow	2.5 gpm (9.4 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: 160-L. For estimated costs of replacement elements please call 866.990.9785 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 866.990.9785  
 203.237.5541  
 Fax 203.238.8701  
 www.3Mfoodservice.com  
 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 **12** months, at the rated capacity or sooner, if a noticeable reduction in flow rate occurs.
- Flush 5.0 gallons through cartridge before use (flush approximately 2 minutes).