

# Performance Data Sheet

Model: 3MDW301

Use Replacement Filter 3MDW311

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 1000 Gallons (3785 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	2.0 mg/L	2.0 mg/L ± 10%	98.3%	0.05 mg/L	N/A	≥ 50%	J-00057715
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
Chloramine	3.0 mg/L	3.0 mg/L ± 10%	98.3%	0.05 mg/L	0.5 mg/L	N/A	J-00057715
Asbestos	120 MFL	10' to 10 <sup>6</sup> MFL; fibers greater than 10 µm in length	>99%	< 1MLF	N/A	≥99%	J-00057724
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	0.150 mg/L	0.15 mg/L ± 10%	>99.3%	0.001 mg/L	0.010 mg/L	N/A	J-00057726
Lead pH @8.5	0.155 mg/L	0.15 mg/L ± 10%	>99.3%	0.001 mg/L	0.010 mg/L	N/A	J-00057727
VOCs	0.302 mg/L	0.300 mg/L ± 10%	99.8%	0.0005 mg/L	N/A	≥95%	J-00057729
TTHMs	0.496 mg/L	0.45 mg/L ± 20%	99.9%	0.001 mg/L	0.080 mg/L	N/A	J-00063990
MTBE	0.015 mg/L	0.015 mg/L ± 20%	>96.6%	0.0005 mg/L	0.005 mg/L	N/A	J-00057730

\* Based on the use of Cryptosporidium parvum oocysts

Application Guidelines/Water Supply Parameters	
Service Flow	0.75 gpm (2.8 lpm)
Water Supply	Potable Water
Water Pressure	25 -125 psi (172 – 862 kPa)
Water Temperature	40° F - 100° F (4.4° C – 37.8° 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 Filter: 3MDW311. For estimated costs of replacement elements please call 855-3M-WATER or visit our website at [www.3MWater.com](http://www.3MWater.com)

## ⚠ 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 (37.8° C).
- **Protect filter from freezing.** Drain filter when temperatures drop below 40°F (4.4°C).
- The disposable replacement filter **must** be replaced every **12** months, at the rated capacity or sooner if a noticeable reduction in flow rate occurs.

3M is a trademark of 3M Company.  
 NSF is a trademark of NSF International.  
 © 2012 3M Company. All rights reserved.  
 INSTR8034 0512



3M Purification Inc  
 400 Research Parkway Meriden, CT 06450  
 855-3M-WATER (855-369-2837)  
[www.3MWater.com](http://www.3MWater.com)