

# Performance Data Sheet

## Model: FM 1500-B

Use Replacement Cartridge 47-5574707

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 claims specified on the Performance Data Sheet.

Capacity 1,500 Gallons (5,678 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-00126494
Nominal Particulate Class I, , ≥0.5 to < 1.0 µm	4,066,667 pts/mL	At least 10,000 particles/mL	99.9%	2,565 pts/ml	N/A	≥85%	J-00125785
Asbestos	120 MF/L	10 <sup>7</sup> to 10 <sup>8</sup> MF/L; fibers greater than 10 µm in length	>99.9%	< 1MF/L	N/A	≥99%	J-00055815
Cyst*	120,000 cysts/L	Minimum 50,000 cysts/L	>99.98%	1 cyst/L	N/A	≥99.95%	J-00125784
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-00125102
Lead pH @8.5	0.145 mg/L	0.15 mg/L ± 10%	>99.3%	0.001 mg/L	0.010 mg/L	N/A	J-00129251

\* 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	30 -100 psi (207 – 689 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: 47-5574707. For estimated costs of replacement elements please call 800.733.1199 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 800.733.1199  
203.237.5541  
Fax 203. 238.8972  
[www.3Mpurification.com](http://www.3Mpurification.com)

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34-8715-8585-6



### 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 10350-MN-007

### NOTICE

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

- **Read and follow all** Instructions before installation and use of this system.
- **To reduce the risk of water leakage or flooding, and to ensure optimal filter performance:**
- **Change the disposable filter cartridge every 18 months or sooner** if you observe a noticeable reduction in water flow rate.
- Failure to replace the disposable filter cartridge at recommended intervals may lead to reduced filter performance and cracks in the filter housing, causing water leakage or flooding.