

# Performance Data Sheet

## Model: AP510

Use Replacement Cartridge AP517

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.



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

Capacity 2000 Gallons (7,571 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	12.0mg/L	2.0 mg/L ± 10%	75%	0.05 mg/L	N/A	≥ 50%	J-00100863

Application Guidelines/Water Supply Parameters	
Service Flow	1.75 gpm (6.6 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: AP517. For estimated costs of replacement elements please call 1-800-222-7880 or visit our website at [www.3Mpurification.com](http://www.3Mpurification.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.

### 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.

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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