



## Performance Data Sheet

### Model: AP9350 replacement cartridge for AP9000+ System

System has been tested in accordance with NSF/ANSI Standards 42 and 53 for the reduction of substances listed below. 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 Standards 42 and 53.

Substance	Avg. influent concentration	NSF specified challenge concentration.	Avg. % reductions	Avg. product water concentration	Max permissible product water concentration	NSF Reduction Requirements	NSF Test Report
Chlorine taste and odour	1.9 mg/L	2.0 mg/L $\pm$ 10%	95.3%	0.10 mg/L	N/A	$\geq$ 50%	J-00435218
Cyst*	250,000 cysts/L	Minimum 50,000 cysts/L	>99.99%	2 cysts/L	N/A	$\geq$ 99.95%	J-00435219

\*Based on the use of Cyst microsphere

#### FOR RESIDENTIAL USE ONLY

Application guidelines / water supply parameters	
Capacity	11,356 litres (3,000 gallons)
Service Flow	3.8 lpm (1 gpm)
Water Supply	Public or private drinking water supply systems
Operating Temperature	4.4° C – 37.8° C (40° F – 100° F)
Operating Pressure	172 – 862 kPa (25 -125 psi)

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. Periodically, sanitize the plumbing system with an appropriate disinfectant to maintain the cleanliness of the plumbing lines downstream of the filter.

Flush 38 litres (10 gallons) through cartridge(s) before use (flush for approximately 5 minutes).



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#### WARNING:

**Read entire product manual. Failure to follow all product instructions could cause personal injury from exposure to contaminants and/or property damage due to water leakage or flooding.**

- DO NOT use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system. Systems certified for cyst reduction may be used on disinfected water that may contain filterable cysts.
- This system does not remove all substances that could be present in drinking water. Test your incoming water quality to identify your treatment needs. After installation, test outgoing filtered water quality regularly to ensure system is installed correctly and meeting your treatment needs.
- DO NOT use product if it has been hit, dropped, or damaged.
- Before using a new filter cartridge, or whenever system has not been used for more than 72 hours, flush the cartridge with water according to this Performance Data Sheet.
- REPLACE FILTER CARTRIDGE no later than every 12 months. If the rated gallon capacity is reached or a noticeable reduction in flow rate, change in odor or taste occurs before 12 months of use, then replace filter promptly. Failure to replace filter cartridge according to these instructions may result in failure of filter to reduce contaminants as designed AND/OR property damage due to water leakage or flooding.

#### NOTICE:

**Read entire product manual. Failure to follow all product instructions could cause property damage due to water leakage or flooding:**

- System installation and use must comply with all state and local regulations and plumbing codes.
- If your water supply pressure is higher than 80 psi, you must install a pressure reducing valve before installing system.
- Protect from freezing. Remove filter cartridge if temperature may drop below 40° F (4.4° C).
- REPLACE FILTER CARTRIDGE no later than every 12 months or sooner. Failure to replace the filter cartridge at the required time may lead to property damage due to water leakage or flooding.

#### Treatment and Tests - Table

System is WaterMark certified to the requirements of drinking water treatment system Standard AS 3497 for the following water treatment category/categories.

Treatment Type	Function	Category	Pass
<b>Microbiological Status</b> Bacteriostatic	Will stop bacteria increasing but will not remove them unless Category II(a) is passed	I	N/A
<b>Microbiological Treatment</b>			
Bacteria removal	Will remove or inactivate bacteria	II (a)	N/A
Virus removal	Will remove or inactivate viruses	II (b)	N/A
Protozoa removal	Will remove or inactivate <i>Cryptosporidium</i> and <i>Giardia</i> . Will not remove or inactivate bacteria or viruses unless Category II(a) and Category II(b) are passed	II (c)	✓
<b>Aesthetic Effects</b>			
Turbidity and particulate removal	Reduces cloudiness	III	N/A
Taste and Odour reduction	Reduces tastes and odours	IV	✓
<b>Chemical Treatment</b> Chemical contaminant reduction	Will decrease chlorine	V	✓
<b>Other</b> Sediment reduction*	Will reduce sediment	VI	✓

Legend ✓ = Pass Test N/A = Not applicable

\* Tested in accordance with manufacturer's internal laboratory standard. Not 3rd party verified.