Halsey Taylor® WaterSentry® VII

Lead, Cyst, Aesthetic Chlorine Taste, Odor & Particulate Class I Reduction Filter

Replacement Filter P/N 55897C

FOR COMMERCIAL USE ONLY

PERFORMANCE DATA SHEET

IMPORTANT NOTICE: Read this Performance Data Sheet and compare the capabilities of this unit with your actual water treatment needs. It is recommended that, before purchasing a water treatment unit, you have your water supply tested to determine your actual water treatment needs.

NOTICE: 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.

CAUTION: Use on cold water line only. Do not allow installed filter to freeze.

RECOMMENDED USE CONDITIONS			
Capacity	1500 Gallons 1 Year Maximum	Maximum Pressure	105 PSI (7.4 Kg/cm²)
Flow Rate	0.75 GPM	Minimum Pressure	20 PSI (1.4 Kg/cm²)
Temperature	40-120° F (5-50° C)		

NOTE: Performance will vary depending on local water conditions. While testing was performed under standard laboratory conditions actual performance may vary.

Instructions For Installing Replacement Filters

1. Turn off water supply; dispense water to relieve pressure.
2. Turn used filter counterclockwise 1/4 turn to remove from filter head.
3. Remove cap from new filter and use to seal used filter.
4. Insert new filter into existing filter head and turn fully clockwise.
5. Turn on water supply and run a minimum of two gallons of water through the filter to purge air and fine carbon particles from filter. Also run water through glass filler (if provided).

Your Authorized Representative
Buyer
Seller

LIMITED WARRANTY

The Halsey Taylor® WATERSENTRY® VII is warranted to be free from defects in material and workmanship for a period of one year from the date of installation. Warranty is limited to repair or replacement of defective component.

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The Halsey Taylor® WATERSENTRY® VII filter conforms to NSF/ANSI 42 and 53 for the reduction of Aesthetic Chlorine, Taste and Odor, Particulate Class 1, Lead and Cysts as verified and substantiated by test data.

ANSI/NSF 42	ANSI/NSF 53
Aesthetic Chlorine Particulate - Class I Taste and Odor Reduction	Lead Reduction Cyst Reduction

Performance Test Conditions	
Capacity	1500 Gallons (5678 l)
Flow Rate	0.75 gpm (2.8 l/m)
Pressure	60 psi (4.2 kg/cm²)
Temperature	68-70° F (20-21° C)

This system has been tested according to NSF/ANSI 42 and 53 for reduction of the 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 permissable limit for water leaving the system, as specified in NSF/ANSI 42 and 53.

Table 1 Lead Reduction

Contaminant	Average Influent	Average Effluent	Average % Reduction / Minimum % Reduction	Maximum Effluent	Influent Challenge Concentration	Max. Permissible Product Water Concentration
Lead (pH 6.5)	.153 mg/l	.00125 mg/l	99.1/98.0	.003 mg/l	.15 ± 10% mg/l	.010 mg/l
Lead (pH 8.5)	.153 mg/l	.001 mg/l	99.3/99.3	.001 mg/l	.15 ± 10% mg/l	.010 mg/l

Table 2 Cyst Reduction

Average Influent	Average Effluent	Maximum Effluent	Units	Average % Reduction / Minimum % Reduction	Influent Challenge Concentration	Reduction Requirement
109500	1	1	particles/l	99.99/99.99	minimum 50,000/ml	99.95%

Table 3 Aesthetic Chlorine Reduction

Average Influent	Average Effluent	Maximum Effluent	Units	% Reduction	Influent Challenge Concentration	Reduction Requirement
1.9 mg/l	.05 mg/l	.07 mg/l	mg/l	97.3	2.0 mg/l ±10%	≥50%

Table 4 Particulate Reduction (Particle Size: 0.5 - 1 micron)

Average Influent	Average Effluent	Maximum Effluent	Units	% Reduction	Influent Challenge Concentration	Reduction Requirement
4666667	45583	210000	particles/ml	99.0	min. 10,000 particles/ml	≥85%

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FOR REPLACEMENT FILTER, PLEASE CALL 1.630.574.3500