

Performance Data Sheet



Manufacturer: National Trade Supply, LLC
Product: RWF-101-S-L, CLCH101-S-L, PRS-101-S-L, AC501-S-L, PP1001-S-L

Trade designation: refrigerator filter

Testing Conditions:

Flow Rate: 0.5 gpm (1.9 Lpm) pH: 7.5 ± 0.5
 Inlet Pressure: 60 psi (4.1 bar) Temp: 50 – 77 °F (10 – 25 °C)

Operating Requirements:

Rated Service Life: 300 gallons (1,136 Liters)
 Pressure Range: 25 –80 psi (172-552 kPa)
 Rated Service Flow: .5 gpm at 60 psi (1.9 Lpm at 4.1 bar)
 Temperature Range: 33 –100°F (1 – 38°C)

Substance Reduction:

This system has been certified by IAPMO R&T according to NSF/ANSI 42 and NSF/ANSI 53 for the 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 permissible limit for water leaving the system, as specified by NSF/ANSI 42 and NSF/ANSI 53.

While testing was performed under standard laboratory conditions, actual performance may vary.

Substance	Influent Challenge Water Concentration	Reduction Requirements	Actual Average % Reduction
Chlorine	2.0 mg/L ± 10%	≥ 50%	94.32%

Substance	Influent Challenge Water Concentration (135 to 165 µg/L)	Reduction Requirements (1 µg/L)	Actual Average % Effluent Reduction
Lead 6.5 pH	.15 ± 10%	.010	98.1%
Lead 8.5 pH	.15 ± 10%	.010	98.5%

Average VOC reduction of 98.98% - specific organic claims have been qualified through chloroform surrogate testing.

Substance	Influent Challenge Water Concentration (mg/L)	Maximum Permissible Product Water Concentration (mg/L)
Alachlor	.050	.001
Atrazine	.100	.003
Benzene	.081	.001
Carbofuran	.190	.001
Carbon tetrachloride	.078	.0018
Chlorobenzene	.077	.001
Chloropicrin	.015	.0002
2,4-D	.110	.0017
Dibromochloropropane (DBCP)	.052	.00002
o-dichlorobenzene	.080	.001
p-dichlorobenzene	.040	.001
1,2-dichloroethane	.088	.0048
1,1-dichloroethylene	.083	.001
Cis-1,2-dichloroethylene	.170	.0005

Trans-1,2-dichloroethylene	.086	.001
1,2-dichloropropane	.080	.001
Cis-1,3-dichloropropylene	.079	.001
Dinoseb	.170	.0002
Endrin	.053	.00059
Ethylbenzene	.088	.001
Ethylene dibromide (EDB)	.044	.00002
Haloacetonitriles (HAN):		
Bromochloroacetonitrile	.022	.0005
Dibromoacetonitrile	.024	.0006
Dichloroacetonitrile	.0096	.0002
Trichloroacetonitrile	.015	.0003
Haloketones (HK):		
1,1-dichloro-2-propanone	.0072	.0001
1,1,1-trichloro-2-propanone	.0082	.0003
Heptachlor	.025	.00001
Heptachlor epoxide	.0107	.00002
Hexachlorobutadiene	.044	.001
Hexachlorocyclopentadiene	.060	.000002
Lindane	.055	.00001
Methoxychlor	.050	.0001
Pentachlorophenol	.096	.001
Simazine	.120	.004
Styrene	.150	.0005
1,1,2,2-tetrachloroethane	.081	.001
Tetrachloroethylene	.081	.001
Toluene	.078	.001
2,4,5-TP (silvex)	.270	.0016
Tribromoacetic acid	.042	.001
1,2,4-trichlorobenzene	.160	.0005
1,1,1-trichloroethane	.084	.0046
1,1,2-trichloroethane	.150	.0005
Trichloroethylene	.180	.0010
Trihalomethanes (includes):		
Chloroform (surrogate chemical)		
Bromoform	.300	.015
Bromodichloromethane		
Chlorodibromomethane		
Xylenes (total)	.070	.001

Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

Replacement filters are RWF-101-L, CLCH101-L, PRS-101-L, AC501-L and PP1001-L which can be found at www.discountfilters.com. For best results, this filter should be replaced every 6 months, when capacity is reached, or when water flow decreases significantly. Refer to the product manual for more specific product information, installation instructions, and instructions on replacing the filter cartridge.

Limited Warranty:

National Trade Supply, LLC warrants our water filters to be free from defects in materials and workmanship for a period of 12 months from date of purchase.

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