

## Performance Data Sheet



**Manufacturer:** National Trade Supply, LLC  
**Product:** RWF-122-S-L, CLCH122-S-L, PUR-122-S-L, AC522-S-L, PP1022-S-L

### 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 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.

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-122-L, CLCH122-L, PUR-122-L, AC522-L and PP1022-L which can be found at [www.discountfilters.com](http://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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