

## Filter Performance Data - 0.2 Micron

### HEALTH CLAIM PERFORMANCE CERTIFIED BY NSF

This system has been tested according to NSF/ANSI Standards 42 and 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 in NSF/ANSI Standard 42 and 53.

Substance	Influent Challenge Concentration	Average Influent Concentration	Maximum Acceptable Value†	Maximum Permissible Water Concentration	Reduction Requirements	Average Effluent Concentration	Average Reduction
<b>STANDARD 42 – AESTHETIC EFFECTS</b>							
Chlorine	2.0 mg/L ± 10%	2 mg/L	4 mg/L / 5 mg/L		≥ 50%	0.05 mg/L	97.4%
Particulate Class I particles 0.5 to <5µm	at least 10,000 particles/mL	6,433,333/L			≥ 85%	47,388/L	99.3%
Bacteriostatic	Unit passes NSF Std. 42 for Bacteriostatic effects.						
<b>STANDARD 53 – HEALTH EFFECTS</b>							
Cyst	Minimum 50,000 / L		99.9% / <1/100 L		99.95%		99.99%
Lead 0.5	0.15 mg/L ± 10%	0.155 mg/L	0.015 mg/L / 0.01 mg/L	0.010 mg/L		0.001 mg/L	98.9%
Lead 6.5	0.15 mg/L ± 10%	0.147 mg/L	0.015 mg/L / 0.01 mg/L	0.010 mg/L		0.0005 mg/L	99.3%

\*Tested using flow rate = 1.0 gpm; pressure = 60 psig ± 3; pH = 7.5 ± 0.5; temp. = 20° ± 3°C

†United States Environmental Protection Agency (USEPA) Safe Drinking Water Act / New Zealand Ministry of Health Drinking-water Standards for New Zealand

This appliance meets the domestic water treatment appliance Standards AS/NZS 3497 and AS/NZS 4348 for the following water process:

Class	Treatment Type	Function	Pass
I	<b>Microbiological Status</b> Bacteriostatic	Will stop bacteria increasing, but will not remove unless III(a) is passed.	✓
II	<b>Microbiological Treatment</b>		
II (a)	Bacteria Removal	Will remove or inactivate bacteria.	N/A
II (b)	Virus Removal	Will remove or inactivate virus.	N/A
II (c)	Protozoa Removal	<i>Cryptosporidium</i> and <i>Giardia</i> . Will not remove or inactivate bacteria unless II(a) and II(b) are passed.	✓
III	<b>Particulate Reduction</b>	Reduces cloudiness.	✓
IV	<b>Taste and Odour Reduction</b>	Reduces tastes and odours.	✓
V	<b>Chemical Treatment</b>	Decreases certain chemicals: – Lead	✓

Legend: ✓ = Pass N/A = Not Applicable

### OPERATING SPECIFICATIONS

- Pressure requirement: 10 -125 psi (0.7 - 8.6 bar), non-shock
- Temperature: 35 -100°F (2-38°C)

Model	Flow Rate	Capacity	Kit #
0.2mic MicroPurity Filter 1S	3.75 Lpm	4163 L	93701
0.2mic MicroPurity filter 1.5S	5.678 Lpm	6813 L	93702
0.2mic MicroPurity Filter 2S	5.678 Lpm	9463 L	93704

System Tested and Certified by NSF International against NSF/ANSI Standard 42 and 53 for the reduction of:

STANDARD NO.42 -	STANDARD NO.53 -
AESTHETIC EFFECTS	HEALTH EFFECTS
Bacteriostatic Effects	Chemical Reduction
Chemical Reduction	Lead
Taste & Odor	Mechanical Filtration
Chlorine	Cyst
Mechanical Filtration	
Nominal Particulate Class I	

\* The term “bacteriostatic” indicates that the system limits the passage or growth of bacteria that may already exist in the incoming water. It does not mean that water leaving the system is safer to drink than water entering the system.



AS/NZS 3497  
WM -0350001  
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## Filter Performance Data - 3 Micron

### HEALTH CLAIM PERFORMANCE CERTIFIED BY NSF/ANSI \*

This system has been tested 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 in NSF/ANSI Standard 42.

Substance	Influent Challenge Concentration	Average Influent Concentration	Maximum Acceptable Value $\pm$	Maximum Permissible Water Concentration	Reduction Requirements	Average Effluent Concentration	Average Reduction
<b>STANDARD 42 – AESTHETIC EFFECTS</b>							
Chlorine	2.0 mg/L $\pm$ 10%	2 mg/L	4 mg/L / 5 mg/L		$\geq$ 50%	0.05 mg/L	90.6%
Particulate Class II particles 1 to <5 $\mu$ m	at least 10,000 particles / mL				$\geq$ 85%		97.1%
Bacteriostatic	Unit passes NSF Std. 42 for Bacteriostatic effects.						

\*Tested using flow rate = 1.0 gpm; pressure = 60  $\pm$  3 psig; pH = 7.5  $\pm$  0.5; temp. = 20°  $\pm$  3°C

‡United States Environmental Protection Agency (USEPA) Safe Drinking Water Act / New Zealand Ministry of Health Drinking-water Standards for New Zealand

**This appliance meets the domestic water treatment appliance Standards AS/NZS 3497 and AS/NZS 4348 for the following water process:**

Class	Treatment Type	Function	Pass
<b>I</b>	<b>Microbiological Status</b>		
	Bacteriostatic	Will stop bacteria increasing, but will not remove unless III(a) is passed.	✓
<b>II</b>	<b>Microbiological Treatment</b>		
II (a)	Bacteria Removal	Will remove or inactivate bacteria.	N/A
II (b)	Virus Removal	Will remove or inactivate virus.	N/A
II (c)	Protozoa Removal	<i>Cryptosporidium</i> and <i>Giardia</i> . Will not remove or inactivate bacteria unless II(a) and III(b) are passed.	N/A
<b>III</b>	<b>Particulate Reduction</b>	Reduces cloudiness.	N/A
<b>IV</b>	<b>Taste and Odour Reduction</b>	Reduces tastes and odours.	✓
<b>V</b>	<b>Chemical Treatment</b>	Decreases certain chemicals: – Lead	N/A

Legend: ✓ = Pass N/A = Not Applicable

System Tested and Certified by NSF International against NSF/ANSI Standard 42 for the reduction of:

STANDARD NO.42 -  
AESTHETIC EFFECTS  
Bacteriostatic Effects  
Chemical Filtration  
Taste & Odor  
Chlorine  
Mechanical Filtration  
Nominal Particulate Class II

\* The term "bacteriostatic" indicates that the system limits the passage or growth of bacteria that may already exist in the incoming water. It does not mean that water leaving the system is safer to drink than water entering the system.

### OPERATING SPECIFICATIONS

- Pressure requirement: 10 -125 psi (0.7 - 8.6 bar), non-shock
- Temperature: 35 -100°F (2-38°C)

Model	Flow Rate	Capacity	Kit #
3mic MicroPurity filter 1.5S	3.75 Lpm	13248 L	93703
3mic MicroPurity Filter 2S	5.678 Lpm	17034 L	93705

  
AS/NZS 3497  
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It is essential that the manufacture's recommended installation, maintenance and filter replacement requirements be carried out for the product to perform as advertised. See installation Manual for details.

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

## Filter Performance Data - Carbon Free

### HEALTH CLAIM PERFORMANCE CERTIFIED BY NSF

This system has been tested according to NSF/ANSI Standards 42 and 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 in NSF/ANSI Standards 42 and 53.

Substance	Influent Challenge Concentration	Average Influent Concentration	Maximum Acceptable Value‡	Maximum Permissible Water Concentration	Reduction Requirements	Average Effluent Concentration	Average Reduction	Test Report
<b>STANDARD 42 – AESTHETIC EFFECTS</b>								
Particulate Class I particles 0.5 to <5µm	at least 10,000 particles/mL	6,433,333/L			≥ 85%	281,716/mL	97.3%	J-00229433
<b>STANDARD 53 – HEALTH EFFECTS</b>								
Cyst	Minimum 50,000/L			99.9% / <1/100 L	99.95%		99.99%	J-00229434

\*Tested using flow rate = 1.0 gpm; pressure = 60 psig ± 3; pH = 7.5 ± 0.5; temp. = 20° ± 3°C

‡United States Environmental Protection Agency (USEPA) Safe Drinking Water Act / New Zealand Ministry of Health Drinking-water Standards for New Zealand

Class	Treatment Type	Function	Pass
I	Microbiological Status	Will stop bacteria increasing, but will not remove unless II (a) is passed.	N/A
II II (a)	Microbiological Treatment Bacteria Removal	Will remove or inactivate bacteria.	N.A
II (b)	Virus Removal	Will remove or inactivate virus.	N/A
II (c)	Protozoa Removal	Cyptosporidium and Giardia. Will not remove or inactivate bacteria unless II (a) and II (b) are passed.	✓
III	Particulate Reduction	Reduces cloudiness.	✓
IV	Taste and Odour Reduction	Reduces tastes and odours.	N/A
V	Chemical Treatment	Decreases certain chemicals: - Lead	N/A

System Tested and Certified by NSF International against NSF/ANSI Standard 42 and 53 for the reduction of:	
STANDARD NO.42 - AESTHETIC EFFECTS	STANDARD NO.53 - HEALTH EFFECTS
Mechanical Filtration Nominal Particulate Class I	Mechanical Filtration Cyst

### OPERATING SPECIFICATIONS

- Pressure requirement: 10 -125 psi (0.7 - 8.6 bar), non-shock
- Temperature: 35 -100°F (2-38°C)

Model	Flow Rate	Kit #
0.2mic MicroPurity Filter 1.5S	5.678 Lpm	93706
0.2mic MicroPurity filter 2S	5.678 Lpm	94062

