

Treatment and tests

FINSBURY

water filters

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

Class	Treatment type	Function	Pass
I	Microbiological status bacteriostatic	Will stop bacteria increasing, but will not remove them unless II(a) is ticked	✓
II	Microbiological treatment		
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	Will remove or inactivate cryptosporidium and giardia	✓
III	Turbidity and particulate reduction	Will reduce cloudiness	✓
IV	Taste and odour reduction	Will reduce taste and odours	✓
V	Chemical treatment	Will decrease chlorine compounds	✓

Performance claims	Australian drinking water guidelines	Average influent concentration	Maximum effluent concentration	Minimum percent removal (%)	Average effluent concentration mg/L	Average percent removal (%)	Filter capacity gallons	Rated service flow rate GPM
NSF 42 CHLORINE REDUCTION	5 milligrams/litre	2	0.05	97.50%	ND(0.05)	97.50%	200	0.85
NSF 42 PARTICULATE REDUCTION TEST 2	No guideline specified	9600000	320000	97.10%	285000	98.20%	200	0.85
NSF 53 CYST REDUCTION	No guideline specified	110000	ND(1)	99.99%	ND(1) 0.1 microgram/litre	99.99%	200	0.85
NSF 53 LEAD REDUCTION (pH 6.5)	0.01 milligrams/litre	150 micrograms/litre	ND(1)	99.30%	ND(1)	99.30%	200	0.85
NSF 53 LEAD REDUCTION (pH 8.5)	0.01 milligrams/litre	150 micrograms/litre	ND(1)	99.30%	ND(1)	99.30%	200	0.85
NSF 53 MERCURY REDUCTION (pH 8.5)	0.001 milligrams/litre	6.2 micrograms/litre	0.3	95.20%	ND(0.2) 0.2 microgram/litre	96.60%	70	0.18
NSF 53 MERCURY REDUCTION (pH 6.5)	0.001 milligrams/litre	5.7 micrograms/litre	ND(0.2) 0.2 microgram/litre	96.50%	ND(0.2) 0.2 microgram/litre	96.50%	200	0.85
NSF 53 MTBE REDUCTION	No guideline specified	15 micrograms/litre	2.6 micrograms/litre	88.20%	1.3 micrograms/litre	90.60%	70	0.18
NSF 53 TRIHALOMETHANES REDUCTION	0.25 milligrams/litre	430 micrograms/litre	8 micrograms/litre	98.20%	1.45 micrograms/litre	99.50%	70	0.18
NSF 53 BENZENE REDUCTION	0.001 milligrams/litre	15 micrograms/litre	0.8 micrograms/litre	94.70%	ND(0.5)	96.60%	200	0.85
NSF 53 VOC SURROGATE	No guideline specified	300 micrograms/litre	0.9 micrograms/litre	99.00%	0.6 micrograms/litre	99.70%	70	0.18
NSF 53 O-DICHLORO-BENZENE REDUCTION	0.001 milligrams/litre	1700 micrograms/litre	4.8 micrograms/litre	99.70%	1.4 micrograms/litre	99.90%	200	0.85
NSF 53 TOXAPHENE REDUCTION	No guideline specified	16 micrograms/litre	1 micrograms/litre	93.20%	ND(1)	93.70%	200	0.85
NSF 53 TURBIDITY	<1NTU	11 NTU	ND(0.1)	99.10%	ND(0.1)	99.10%	70	0.18

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