

# Complete home drinking water filtration system

## Ceramic filtration technology you can trust

### Stage 1: 100% Natural Ceramic Outer Shell

Micro filtration of bacteria, cysts, turbidity and particles

### Stage 2: Enhanced Anti-Bacterial Properties

Silver impregnated to inhibit microbiological growth within the ceramic element

### Stage 3: Activated Carbon

Coconut shell activated carbon block takes out chlorine and organics improving taste and odour

### Stage 4: Heavy Metal Reduction Media

Takes out toxic lead, mercury and cadmium

### Stage 5: Slow Release Scale Inhibitor

Reduces limescale build up



## Filter performance

### Candle Grade 49mmø

Selection of the most appropriate grade of candle allows filter performance to be matched to the requirements of the local water conditions

		ELITE
		Ceramic microfilter plus carbon block core and heavy metal removal media
Filtration Rating (% particulate filtration efficiency)	Absolute (defined as >99.99%)	0.9 micron
	Nominal (defined as >99.9%)	0.5 to 0.8 micron
	Nominal (defined as >97%)	0.2 to 0.3 micron
Working Pressure (for pressure filter use)	Minimum	10 psi
	Maximum	125 psi
Working Parameters	Working temperature range	5 - 30 (°C)
	Working pH range	5.5 - 9.5
	Recommended change frequency	6 months
Flow Rate To achieve maximum performance	Litres per minute	1.9
	US gallons per minute	0.5
Capacity Before replacement to guarantee performance	Litres	3800
	US gallons	1000
Quality Approval	Turbidity reduction to NSF std. 53	>98%
Pathogenic Organisms % Bacteria Removal*	E. Coli / Cholera / Shigella / Typhoid / Klebsiella Terrigena	>99.99%
	Cryptosporidium	>99.99%
	Giardia	>99.99%
Trace Organics Removal*	Insecticides	Lindane @ 0.1ppb presence >85%
	Herbicides	Atrazine @ 1.2ppb presence >85%
	Phenols	TCP @ 1.2ppb presence >50%
	Polyaromatic Hydrocarbons	PAHs @ 0.2ppb presence >95%
	Trihalomethanes	Chloroform @ 150ppb presence >50%
Enhanced Organics Removal*	Lindane	2ppb presence Ave 70%
	Atrazine	9ppb presence Ave 90%
	Benzene	15ppb presence Ave 87%
Inorganics Removal	Free Chlorine Removal	2ppm presence >96%
	Monochloramine Reduction*	2ppm presence Ave 64%
Heavy Metals Removal	Lead reduction pH6.5	@ 150ppb presence to NSF Std 53 98.7%
	Lead reduction pH8.5	@ 150ppb presence to NSF Std 53 †99.1%
	Mercury reduction pH6.5	@ 6ppb presence Ave 90%
	Cadmium reduction pH 6.5	@ 30ppb presence Ave 95%
	Scale inhibition	Slow release scale inhibitor
Reduce scale build up		

† Internally generated test data.

\* Tested to 600 USG (2300L)

### Manufactured by:

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