



Envirogard Products has been manufacturing and marketing water filter units for 40 years. We are pleased to introduce our newest line of Canadian made

Filter Elements

- *Envirogard Filter Elements offer unparalleled performance in the production of micro-pure drinking water. Independently tested, they remove greater than 99.99999% of harmful bacteria and greater than 99.9% of protozoan cysts. These levels exceed the removal parameter levels for bacteria and cyst from the U.S. EPA Guide Standard and Protocol for Testing Microbiological Water Purifiers.*
- *Our unique manufacturing process maximizes the use of micro-porous diatomaceous earth to provide high efficiency filtration of particulates as small as 0.3 microns in size while allowing maximum flow.*
- *Silver impregnation of most models provides a self-disinfecting action, eliminating the need for boiling to sterilize the element. Some models also incorporate activated carbon in the core to reduce taste/odour/colour and chlorine.*
- *Envirogard Filter Elements are cleanable and can be re-used many times.*



PRODUCT DESCRIPTION	MICRO	MICROSIL	MICROCARB	MICROBLOC
Note: Envirogard Elements fit most housings for similar sized elements.	Standard element is cleanable, requires boiling for 20 minutes to sterilize after cleaning.	Element is impregnated with silver and is self-disinfecting. Boiling is not required. Silver levels are controlled to below U.S. EPA levels.	Silver impregnated element contains granular activated carbon core to reduce taste/odour/colour contaminants. For use with gravity filters.	Silver impregnated element contains block activated carbon core to reduce chlorine/taste/odour and colour. Not for gravity use.
Long Mount 1/4" BSP x 41 mm, 1-5/8" Element OD: 50 mm, 2" Closed at other end 	#7100 	#7300 	#7500 	#7700 
Short Mount 1/4" BSP x 19 mm, 3/4" Element OD: 50 mm, 2" Closed at other end 	#7101 	#7301 	#7501 	#7701 
Open Mount Element OD: 50 mm, 2" Open at both ends Element OD: 66 mm, 2-5/8" Open at both ends 	#7102 #7105 	#7302 #7305 	#7500 (7500 Shown) 	#7701 (7701 Shown) 
Unmounted Element OD: 50 mm, 2" Element OD: 66 mm, 2-5/8" 	#7150 #7155 	#7350 #7355 	#7500 (7500 Shown) 	#7701 (7701 Shown) 
Element length - nominal Other lengths available	250 mm, 9-7/8"	250 mm, 9-7/8"	250 mm, 9-7/8"	250 mm, 9-7/8"
Bacteria Removal (testing by independent laboratory) E. Coll, Salmonella typhimurium, Vibrio Cholera, Shigella dysenteriae, Serratia marcescens, Klebsiella terrigena	>99.99999%	>99.99999%	>99.99999%	>99.99999%
Cyst Removal (testing by independent laboratory) Cryptosporidium parvum, Giardia lamblia	>99.9%	>99.9%	>99.9%	>99.9%
Filtration rating at 99.99% efficiency	0.3 micron	0.3 micron	0.3 micron	0.3 micron
Initial free chlorine reduction @ 1.0 ppm influent	N/A	N/A	Taste/Odour reduction only under gravity flow application	>99%
Maximum temperature	100°F, 38°C	100°F, 38°C	100°F, 38°C	100°F, 38°C
Maximum pressure	125 psi, 8 bar	125 psi, 8 bar	125 psi, 8 bar	125 psi, 8 bar
Minimum working pressure	10 psi, 0.7 bar	10 psi, 0.7 bar	10 psi, 0.7 bar	10 psi, 0.7 bar
Flow rate @ 45 psi, 3 bar	1 USgpm, 3.8 l/m	1 USgpm, 3.8 l/m	1 USgpm, 3.8 l/m	1 USgpm, 3.8 l/m
Gravity flow	0.5 USgph, 1.9 l/h	0.5 USgph, 1.9 l/h	0.5 USgph, 1.9 l/h	Not for gravity use
7105, 7305 Flow rate @ 45 psi, 3 bar	1.5 USgpm, 5.7 l/m	1.5 USgpm, 5.7 l/m		
Element life	12 months	12 months	6 months	6 months

The information presented here is based on data believed to be reliable. It is offered for your consideration and verification but not as a warranty.



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