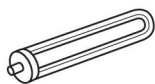# AquaCera
water filtration technology

Water Filter Candles and Cartridges

Cerasyl Ceramic

AquaCera® water filter elements start with the Cerasyl silver impregnated ceramic microfilter. Advances in the ceramic filtration manufacturing process result in a more effective and efficient means of treating a wide range of waterborne contaminants. Modern manufacturing practices give the Cerasyl ceramic elements a more controlled and consistent pore structure, the inclusion of silver gives the filter element bacteriostatic properties which prevents mitosis and is self sterilizing. The Cerasyl range is available with or without a carbon core, which allows greater flexibility in choosing the right filter based on your water filtration needs.
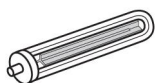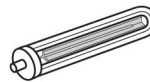
Cerasyl Plus
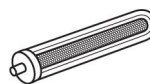
The Cerasyl Plus adds a granular activated, coconut shell based carbon to the core of the ceramic, the addition of which allows for treatment of chlorine, taste and odor.

Cerasyl Super

The Cerasyl Super utilizes a carbon block core which allows for higher reduction and removal of unwanted chemicals in pressurized filtration systems.

Cerasyl Ultra

The Cerasyl Ultra utilizes a carbon block core with lead and heavy metal reduction for pressurized filtration systems, including VOC's and heavy metals.

CFCi
ceramic filters company inc

NSF.

Water Quality ® ASSOCIATION

CeraCarb Composite
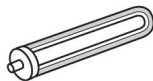
CeraCarb ceramic composite water filter elements are the result of extensive research and development in ceramic filtration technology. These elements offer the highest filtration efficiencies available from a ceramic based filter element. The CeraCarb is a ceramic composite which includes a special mix of carbon and medias which are infused throughout the filter, resulting in exceptional chemical removal capabilities, in addition to the removal of pathogenic bacteria and cysts.

All AquaCera ® ceramic filter elements are cleanable allowing the filter extended life which means less filters to replace. All of our elements remove >99.99% of pathogenic bacteria and cysts, providing you with safe, clean and healthy drinking water regardless of where you live.

Candles

Cerasyl, Cerasyl Plus and CeraCarb Slimline filter candles are available in 2" diameter and are available in a variety of lengths. Standard lengths are 5", 7", 9" and 10". Other sizes are available on request. Cerasyl Super and Cerasyl Ultra are available only in 10" lengths.
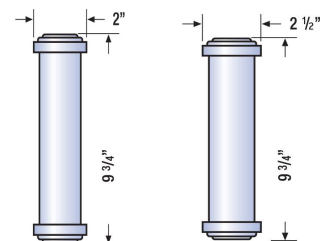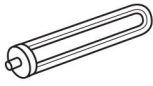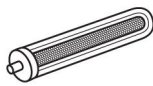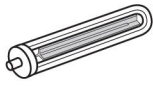
10 inch

7 inch

5 inch
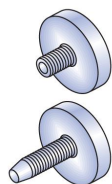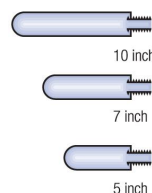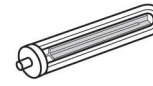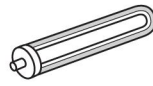
Mounts

Cerasyl, Cerasyl Plus and CeraCarb Slimline filter candles are available in two standard mount types, 3/4" short (S) and 1 1/4" long (L) mount, not all filters are available in both mount types. Cerasyl Super and Cerasyl Ultra are also available with M15 (Franke®) compatible mounts.

Cartridges

Cerasyl, Cerasyl Plus and CeraCarb cartridges all measure 9 3/4" in length. Slimline cartridges have a 2" diameter and Imperial cartridges have a 2 1/2" diameter. Both cartridges are designed to fit Industry Standard filter housings. Imperial cartridges offer higher flow rates and increased capacity over the Slimline cartridges.

2"

9 3/4"

2 ½"

9 3/4"

AquaCera
water filtration technology

Filter Grade Slimline Candles		Cerasyl	Cerasyl Plus	Cerasyl Super	Cerasyl Ultra	CeraCarb
Filtration Rating	Absolute	0.9 micron	0.9 micron	0.9 micron	0.9 micron	0.7 micron
	Nominal	0.5 to 0.8	0.5 to 0.8	0.5 to 0.8	0.5 to 0.8	0.3 to 0.6
Working Pressure	Minimum	5 psi	5 psi	5 psi	5 psi	5 psi
	Maximum	125 psi	125 psi	125 psi	125 psi	125 psi
Flow Rate at 45 psi		1.0GPM	1.0GPM	0.5GPM	0.5GPM	0.3GPM
Parameters	Temperature	32—110 (°F)	32—110 (°F)	32—110 (°F)	32—110 (°F)	32—110 (°F)
	Filter Life	12 months	6 months	6 months	6 months	12 months
Capacity	Liters	11350	3785	3785	3785	5675
	Gallons	3000	1000	1000	1000	1500
Approved version NSF		NO	NO	YES	YES	YES
Turbidity Reduction		>99.7%	>99.7%	>99.7%	>99.7%	>99.7%
Pathogenic Organisms	E. Coli	>99.99%	>99.99%	>99.99%	>99.99%	>99.999%
	Cholera	>99.99%	>99.99%	>99.99%	>99.99%	>99.999%
	Shigella	>99.999%	>99.999%	>99.999%	>99.999%	>99.999%
	Typhoid	>99.999%	>99.999%	>99.999%	>99.999%	>99.999%
	Klebsiella	>99.999%	>99.999%	>99.999%	>99.999%	>99.999%
	Cryptosporidium	>99.999%	>99.999%	>99.999%	>99.999%	>99.999%
	Giardia	>99.999%	>99.999%	>99.999%	>99.999%	>99.999%
Organics Removal	Insecticides	N/A	No Data	>90%	>90%	>98%
	Herbicides	N/A	No Data	>90%	>90%	>98%
	Phenols	N/A	No Data	>60%	>60%	>80%
	PAH's	N/A	No Data	>95%	>95%	>98%
	THM's	N/A	No Data	>90%	>90%	>90%
Inorganics Removal	Chlorine	N/A	>90%	>98%	>98%	>99.7%
	Chloramines	N/A	>80%	>99%-500 gal	>99%-500 gal	>99.9%-500 gal
	Lead	N/A	N/A	N/A	>98%	>96.2%
	COD	N/A	N/A	N/A	N/A	>75%
	Arsenic	N/A	N/A	N/A	N/A	>80%
	Nitrate	N/A	N/A	N/A	N/A	>85%
	VOC's	N/A	>50%	>70%	>70%	>99.9%

Test Data is based upon Slimline 2"x10" filter candles

AquaCera
water filtration technology

CFCi
ceramic filters company inc

www.ceramicfilterscompany.com