



XL1 CARBON CARTRIDGE FILTER



THE EDEN DIFFERENCE

Eden Equipment Company, manufacturer of patented and highly engineered filtration systems, is committed to meeting the global demand for cost effective filtration solutions.

Eden Excel® has engineered new cartridge filters that provide maximum filtration capacity, economy and longer service than other filters.

XL1 CARBON CARTRIDGE FILTER

The Eden Excel® XL1-C050 carbon filter has been specifically designed as a general purpose carbon treatment and sediment removal filter for potable and process water applications. Up to 2,000 gallons of municipal water can be treated for chlorine removal. The filter is of low-density design and can also be utilized as an effective pre-filter for sediment due to its depth-type construction. The media composition consists of several layers for maximum filtration capabilities. These layers include finely pulverized carbon for solution purification with synthetic fibers that are pre-selected for optimum pore size for high dirt holding capacity.

The Eden Excel® XL1-C020 series construction is similar to the Eden Excel® XL1-C050, but is a modified molded block powdered carbon cartridge having a higher density. This increased density provides a high surface area of carbon with flow paths similar to standard filter media. The cartridge contains more active sites with a lower pressure drop and higher dirt holding capacity than other molded type carbon block filters. This higher surface allows removal of volatile organic chemicals and free chlorine pollutants outperforming typical granular activated carbon filters.

CONSTRUCTION

- Inner polypropylene core for compressive strength
- Inner layer of synthetic fibers providing a 10 micron nominal final filter that ensures no downstream carbon particulates
- Outer pre filtration layer of finely pulverized activated carbon that has been locked onto synthetic fibers that provides depth filtration and purification in a single solution pass without channeling or media migration.
- XL/1-C050 - 5um, XL/1-C020 - 1-2um
- Outer polyolefin netting for surface integrity and appearance
- Injection molded polyethylene end-caps of low durometer provide positive sealing in all housing types requiring a knife-edge seal.



SPECIFICATIONS

Dimensions:

XL1-C050 2 5/8 inches diameter

XL1-C020 2 3/4 inches diameter

Lengths available for each series:

9 3/4, 10, 20, 30, 40 inches

Carbon Content:

XL1-C050- min. 3.7oz (110gm)

XL1-C020- min. 6.3oz (180gm)

Flow Rate:

XL1-C050- 3gpm

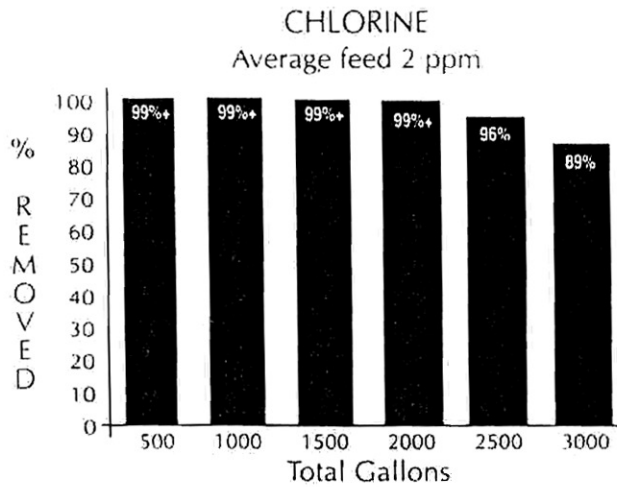
XL1-C020- 1gpm

Recommended flow rate per 10 inch equivalent



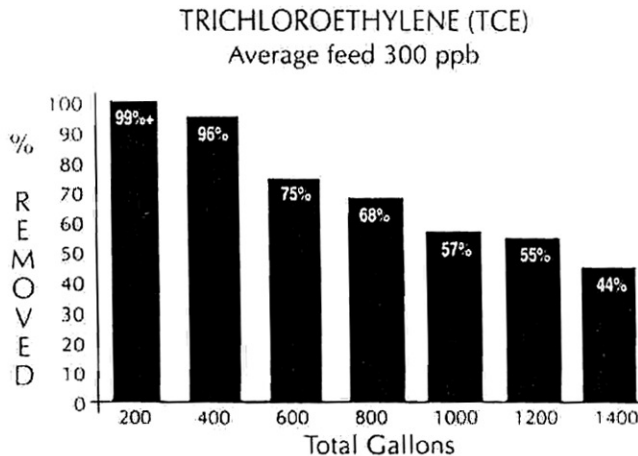
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**TYPICAL FREE-CHLORINE REMOVAL
C-234 Series x 9.8 (9 3/4" Cartridge)**



Test data was generated by a certified national laboratory at 1 gpm against the test protocol as outlined in NSF Standard #42.

**TYPICAL ORGANIC REMOVAL
C-234 Series x 9.8 (9 3/4" Cartridge)**



Test data was generated by a certified national laboratory at 1 gpm against the test protocol as outlined in NSF Standard #53.

NOTE: The results obtained with various combinations and amounts of organic contaminants along with changes in pH as will be encountered in actual use will vary from the data presented above. This information presented here is based on data believed to be reliable. It is offered for your consideration and verification but not as a warranty.