

XL1 LEAD REMOVAL CARBON CARTRIDGE

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.

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The Eden Excel® LR Series is a medium lead removal carbon cartridge that utilizes Engelhard's ATSTTM Sorbent. This sorbent is a state of the art ceramic lead removal matrix with the addition of activated carbon. The filter matrix bonds lead both internally and irreversibly avoiding the possibility of release into the treated water.

The inert synthetic zeolite construction of ATSTTM irreversibly locks on to any lead in the solution reducing the concentration to below EPA guidelines with very short contact time. The LR works well in hard water, as well as in the presence of both iron and manganese, and is unaffected by varying degrees of pH in the water.

The Excel® LR Series has been tested by an independent certified laboratory following the test protocol as outlined in NSF Standard #53.

Results showed that a standard 9.75 inch LR cartridge effectively reduces a 150ppb feed of lead to less than 15ppb for 4,000 gallons in a low pH, and 3,000 gallons in a high pH when run at a flow rate of 0.75 gallons per minute. The total effectiveness for lead reduction is at a 99+% level.

CONSTRUCTION

- Thermoplastic, low durometer rubber gasket to insure effective sealing
- Injection molded high impact plastic end caps for durability
- Inner polypropylene core for compressive strength
- Inner layer of synthetic filter media as a final assurance of carbon migration
- Medium density outer lead removal media consisting of a blend of highly purified activated carbon, polyolefin resin, and lead sorbent. This layer provides an defective treatment of soluble and insoluble lead
- Outer polyolefin fine mesh netting for surface integrity
- All cartridges components are approved for food contact use, CFR 21

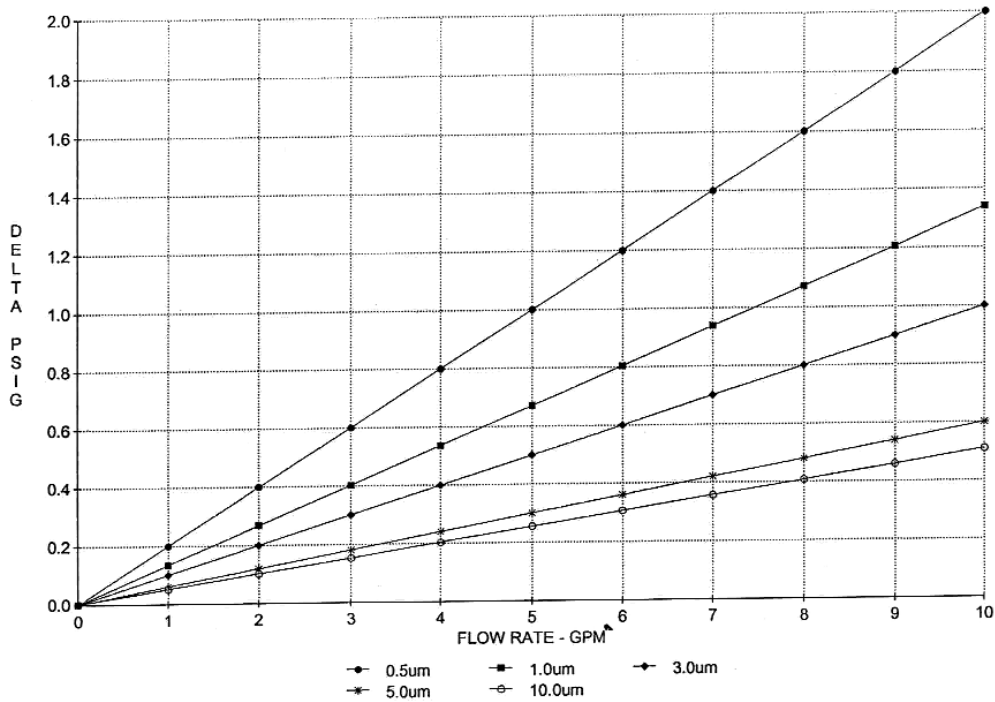
FEATURES

- LR Cartridges contain Engelhard Corporation's ATSTTM lead removal sorbent with 90 grams of premium activated carbon
- A nominal 1.0 micron rating provides true depth filtration for fine sediment removal
- Effectively removes both soluble and insoluble lead and free chlorine.
- The LR cartridge is unaffected by PH or the presence of other ions including calcium, magnesium, iron, and manganese
- All cartridge components are approved for food contact use, FDA CFR 21



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WATER FLOW RATE/DIFFERENTIAL PRESSURE
Standard 10" XL/1 Cartridge Series



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