



Tri-Cell XLR  
Thin Line Filters

# Tri-Cell XLR Thin Line Filters

## FEATURES

- Plastic frame
- No metal components
- Optional integrated prefilter
- Replaces 12" cell filter
- Reduced shipping
- Reduced waste to landfill
- High real world efficiency
- LEED points



## COST EFFECTIVE, HIGH EFFICIENCY

Tri-Dim® Filter's innovative Tri-Cell XLR features an integrated prefilter, no metal components, and the same high efficiency in use that it achieves in a test laboratory.

Tri-Cell XLR delivers all the performance of a 12"-deep filter in a compact and environmentally-conscious design. Tri-Cell XLR offers essentially the same media area, resistance, efficiency and service life as its 12" predecessor. However, Tri-Cell

XLR is constructed with no metal components, offers reduced shipping and storage cost, reduced disposal cost and landfill, as well as efficiencies that qualify for LEED® credits.

The optional integrated prefilter offers the additional advantage of total prefiltration of a higher efficiency filter to increase the service life. The self-gasketing prefilter eliminates air bypass - providing maximum protection to the Tri-Cell XLR.

# Tri-Cell XLR

## Performance where it counts



### **REPLACES 12" DEEP TRADITIONAL FILTERS**

Tri-Cell XLR offers approximately the same media surface area, resistance, service life and efficiency as conventional 12" cell filters – making it an excellent replacement and upgrade option. Tri-Cell XLR benefits from 'green' design engineering with no metal components, real-world efficiencies, easy disposal, and reduced shipping and storage costs.

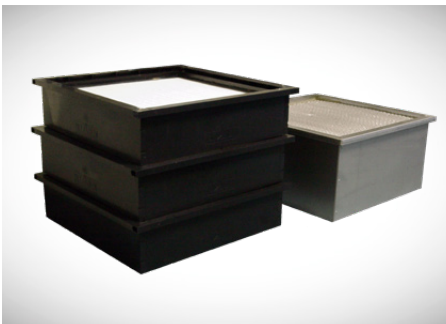
### **LIGHTWEIGHT**

The Tri-Cell XLR is 65% lighter than conventional cells, which translates into substantial freight savings. It also helps to simplify transporting filters to the air handler - in the picture to the left both stacks of filter(s) weigh 23 pounds.



### **REAL-WORLD PERFORMANCE**

Tri-Cell XLR's micro-fiber media will maintain its rated efficiency throughout its life. Not just in the laboratory, but in real-life conditions where it matters the most. Many synthetic medias offer a high efficiency in the test lab and initially in the real world, but this efficiency quickly fades. This does not happen with the trusted media utilized in the Tri-Cell XLR.



### **XLR PREFILTER CUBE**

XLR Prefilter Cube, the optional integrated prefilter, provides the ultimate protection for the XLR media pack by completely sealing the high efficiency media pack with a prefilter. Thus eliminating dirty air bypass and larger particles that can prematurely end the life of high-efficiency filters.



# Tri-Cell XLR

## Technical Data

### SPECIFICATIONS

Product	Tri-Cell XLR
<b>Frame</b>	High-impact polystyrene
<b>Media</b>	Micro-fiber
<b>Efficiency and resistance @ 500 FPM</b>	
MERV 11 (60 - 65%)	0.35 "W.G. (87 Pa)
MERV 13 (80 - 85%)	0.52 "W.G. (129 Pa)
MERV 14 (90 - 95%)	0.57 "W.G. (142 Pa)
<b>Final resistance</b>	1.50 "W.G. (373 Pa)
<b>Temperature limit</b>	160 °F (71 °C)

Product	XLR Prefilter Cube
<b>Frame</b>	Steel
<b>Media</b>	Synthetic
<b>Initial resistance @ 500 FPM</b>	0.26 "W.G. (65 Pa)
<b>Final resistance</b>	1.00 "W.G. (249 Pa)

### LEED CREDITS

1 Point Indoor Environmental Quality - IEQ Credit 1.4: IAQ Best Management Practices: Reduce Particulates in Air Distribution

Requirement - Have in place filtration media with a minimum efficiency reporting value (MERV) greater than or equal to 13 for all outside air intakes and inside air recirculation returns during the performance period. Establish and follow a regular schedule for maintenance and replacement of these filters according to the manufacturer's recommended interval.

Additional LEED Credits may exist.

Tri-Dim Filter Corporation is committed to continual product development - all descriptions, specifications and performance data are subject to change without notice. Tri-Dim products are manufactured to exacting criteria - there can be a ±5% variance in filter performance.

### LOCAL REPRESENTATIVE