

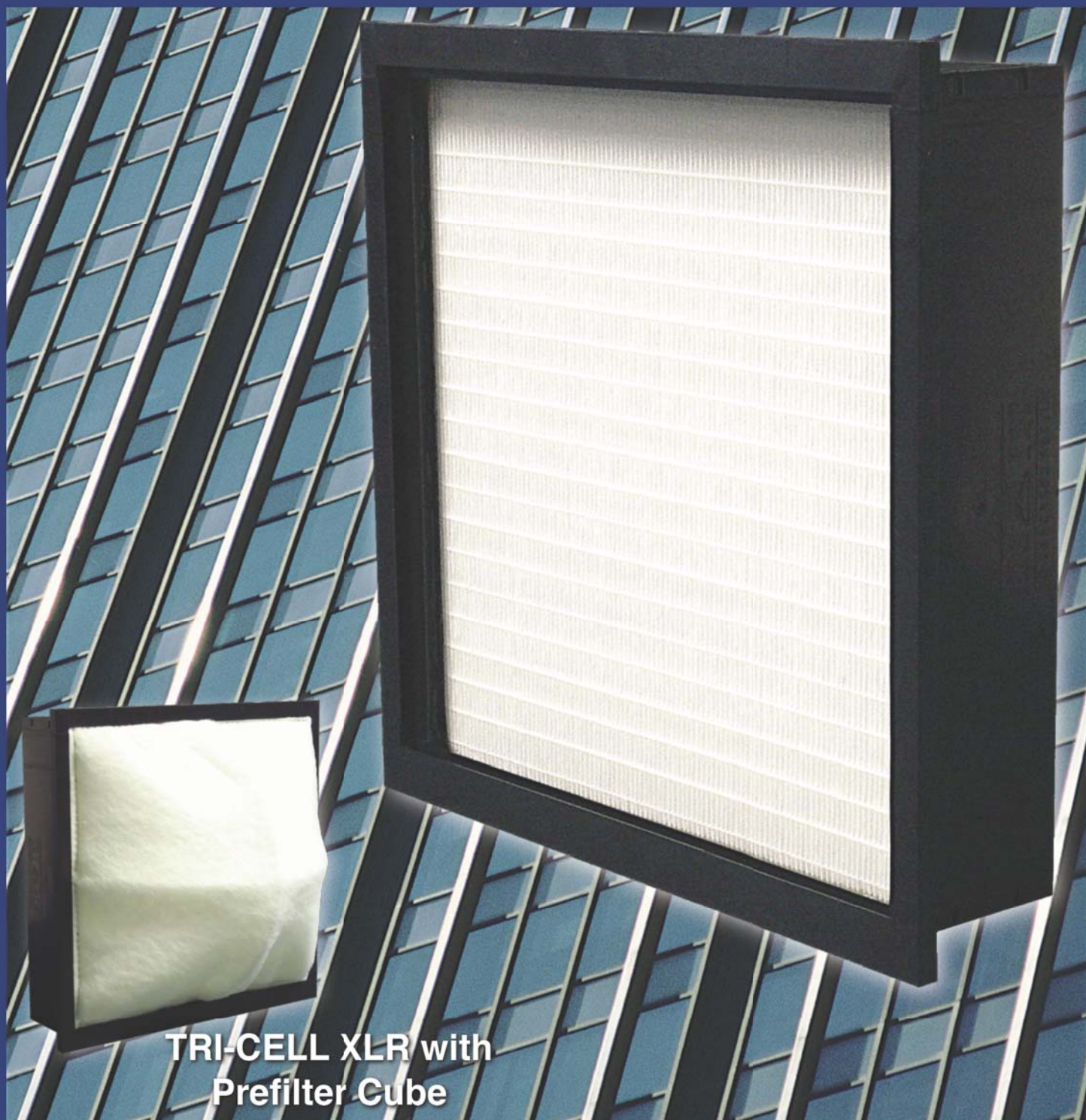


TRI-DIM
FILTER CORPORATION



TRI-CELL™ XLR

HIGH EFFICIENCY ENVIRONMENTAL SERIES



**TRI-CELL XLR with
Prefilter Cube**



TRI-DIM
ENVIRONMENTAL SERIES



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

TRI-CELL XLR

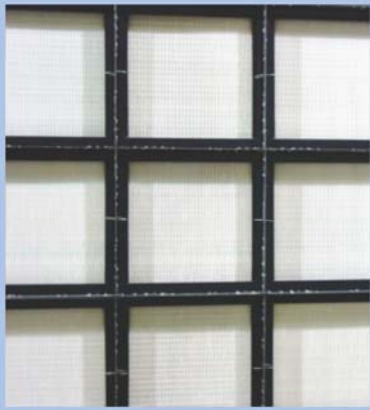
High Efficiency Environmental Series

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

The TRI-CELL XLR offers all the performance of a 12" deep filter in a compact and environmentally conscious design. The TRI-CELL XLR offers essentially the same media area, resistance, efficiency

and service life as its 12" predecessor. However the XLR is constructed with no metal components, offers reduced shipping and storage cost, reduced disposal cost and reduced demand on the landfills as well as efficiencies that qualify for LEED® credits.

The optional integral prefilter offers the additional advantage of total pre-filtration of a higher efficiency filter to increase the service life - the self gasketing prefilter eliminates air bypass - offering maximum protection of the XLR.



REPLACES 12" DEEP TRADITIONAL FILTERS

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



LIGHTWEIGHT

The TRI-CELL XLR is 65% lighter than conventional cells - this 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

The XLR's micro-fiber media will maintain its rated efficiency throughout its life not just in the laboratory but also in real life conditions - where it matters the most. A lot of synthetic medias offer a high efficiency in the test lab and a high initial efficiency in the real world but this efficiency quickly fades - this does not happen with the trusted media utilized in the XLR.



XLR PREFILTER CUBE

The 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 the elimination of large particles that can prematurely end the life of high efficiency filters.



TRI-CELL™ XLR PRODUCT SPECIFICATIONS

FRAME HIGH IMPACT POLYSTYRENE

MEDIA MICRO-FIBER

EFFICIENCY AND RESISTANCE

MERV 11 (60-65%) 0.35"WG (87 PA) @ 500 FPM
MERV 13 (80-85%) 0.52"WG (129 PA) @ 500 FPM
MERV 14 (90-95%) 0.57"WG (142 PA) @ 500 FPM
Final Resistance 1.50"WG (373 PA)

RFX PREFILTER CUBE

FRAME STEEL

MEDIA SYNTHETIC

Initial Resistance 0.26"WG (65 PA) @ 500 FPM

Final Resistance 1.00"WG (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.

Tri-Dim® and Tri-Dek® are Registered Trademarks of Tri-Dim Filter Corporation. Tri-Cell™ is a Trademark of Tri-Dim Filter Corporation.



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BROCHURE #1900-3
Revision: 12/2015

