

Tri-Cell™ IV X Mini-Pleat Filters



MEDIUM AND HIGH EFFICIENCY MINI-PLEAT FILTERS WITH PLASTIC FRAMES

Tri-Cell IV X filters feature a mechanical micro-fiber media in a mini-pleat configuration. This media pack is fitted into a compact, four-inch deep plastic frame with either a box or single-header style. Tri-Cell IV X offers high efficiency (MERV 11, 13 and 15), a compact footprint and many green benefits – including a robust plastic frame as an alternative to metal or diecut cardboard.

The Tri-Cell IV X media is a high efficiency, mechanical, mini-pleat pack that also offers an energy saving, lower pressure drop. The media pack utilizes the same mini-pleat technology as our Tri-Pure HEPA filters, which means computer-controlled spacing to ensure consistent media packs and performance.

The compact design and low pressure drop allow for easy upgrade and retrofit in existing systems where efficiency improvements are needed.

The small footprint (only 4" deep) is very compact compared to traditional high efficiency filters – that range from 12 – 36" deep.

MERV 13 (80 – 85%) is an ideal upgrade for LEED. The Tri-Cell IV is also available in a die-cut frame, metal 'C' style frame, or a metal frame with a single header.

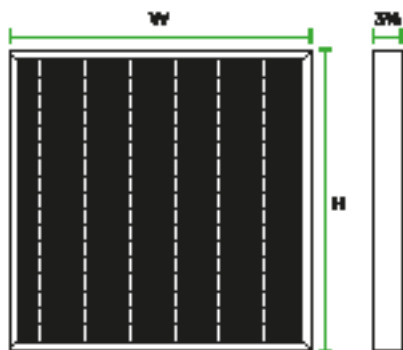
The Tri-Cell IV X is the superior choice for green filters with its compact design and plastic frame.

Tri-Cell™ IV X Specifications

PRODUCT	TRI-CELL IV X
Media	Glass microfiber
Frame construction	Plastic - box and single header
Seal	Perimeter adhesive seal
Efficiency and initial resistance @ 500 FPM (2.54 m/s)	
MERV 11 (60 - 65%)	0.34 "W.G. (85 Pa)
MERV 13 (80 - 85%)	0.58 "W.G. (144 Pa)
MERV 15 (90 - 95%)	0.69 "W.G. (172 Pa)
Recommended final resistance	1.5 "W.G. (373 Pa)
Gasketing	Optional: upstream, downstream, side access
Temperature limit	150 °F (65 °C)

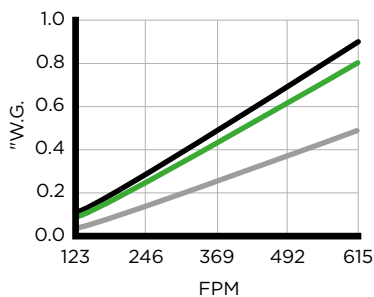
FRAME DIAGRAM

Inches



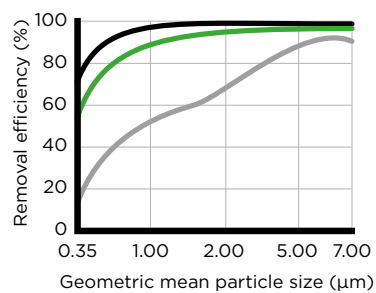
INITIAL RESISTANCE

vs. Air Flow



INITIAL EFFICIENCY

Per ASHRAE 52.2



■ MERV 11 ■ MERV 13 ■ MERV 15

LOCAL REPRESENTATIVE

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.