

The image shows two rectangular air filters with a black frame and a white pleated media. The filters are positioned diagonally, with one in the foreground and another slightly behind it. A semi-transparent white box is overlaid on the center of the filters, containing the product name in green text.

Tri-Cell™ IV & II
Thin Line, Mini-
Pleat Air Filters

Tri-Cell™ IV & II

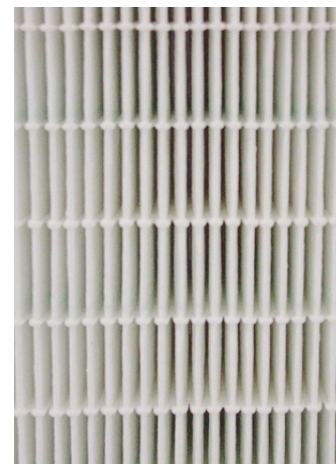
Thin, space-saving design



The Tri-Cell Thin Line series.



Thin Line compared with traditional bag and box filters.



Innovative mini-pleat technology

TRI-CELL IV AND TRI-CELL II

Thin Line Series offers mini-pleat technology, high efficiency and a convenient thin design – a true innovative filtration solution.

THIN LINE

Available in either two or four inch thicknesses. Higher efficiency requirements due to the increased concerns over IAQ and Green Initiatives have left building operators with few options. The Tri-Cell Thin Line Series is a great solution for these retrofit applications.

The Tri-Cell Thin Line Series is also an excellent choice for new construction projects with the added benefit of high filtration while utilizing very little space.

MINI-PLEAT TECHNOLOGY

The Tri-Cell Thin Line Series utilizes the same Mini-Pleat technology found in our Tri-Pure HEPA filters. Tri-Cell Thin Line Series media packs are pleated in a controlled environment offering maximum protection from contamination during the manufacturing process.

Mini-Pleat technology offers the advantage and added benefit of maximum amount of media – this results in longer service life, lower resistance and lower energy related expenses.

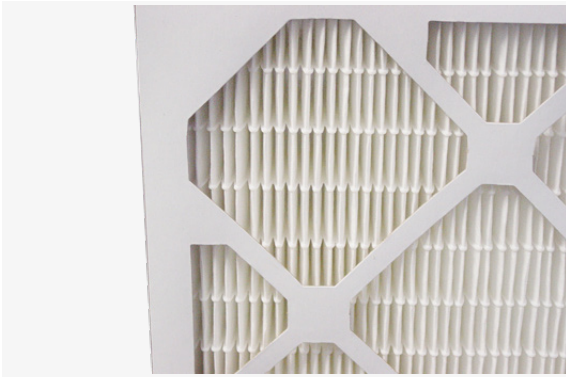
HIGH EFFICIENCY

Tri-Cell Thin Line Series is offered in a variety of efficiencies for a wide range of applications. Tri-Cell Thin Line Series is offered in 60-65% (MERV 10-11), 80-85% (MERV 13) and 90-95% (MERV 14-15) rated efficiencies.

This wide range of efficiencies offers the flexibility to be effective in removing a wide range of 'target' particle sizes in an assortment of applications – from hospital, pharmaceutical, commercial, institutional, manufacturing and more.

Reduced costs

Save on shipping, storage and disposal



DISPOSAL

Tri-Cell Thin Line Series offers the advantage of increased disposability. The Tri-Cell Thin Line Series increased disposability is achieved by its 'Thin' design and materials of construction. Tri-Cell Thin Line Series offers greater than 80% reduction in volume over other traditional high efficiency filters. When the option of a moisture resistant die-cut frame is used, there are no metal components to dispose of making it a fully incinerable filter.

REDUCED SHIPPING AND STORAGE

Another obvious benefit of the Tri-Cell Thin Line Series is reduced shipping and storage cost. The Tri-Cell Thin Line Series offers a vast reduction in shipping and storage space when compared to other traditional high efficiency products. Reductions can exceed 80% - resulting in significant freight and storeroom savings.

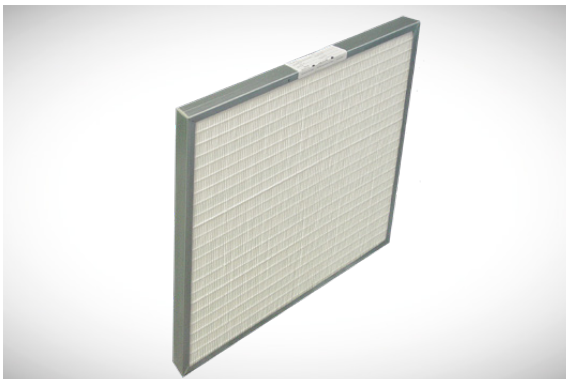


FRAME OPTIONS

Tri-Cell Thin Line Series is offered in many standard frame options.

Moisture Resistant Die-Cut Frame - This frame option is available in both 2" and 4" depths, in standard and special sizes.

Galvanized Metal Frame - Available in 'C' style Box frame in both 2" and 4" depths, and in a metal single header style with a 13/16" header and is available only in a 4" depth.



HIPS Frame - Available only in 4" depth in both Box style and Single Header style. The single header style with a 13/16" header. The HIPS frame is robust and offers a 'Green' alternative to metal or die-cut cardboard.

Tri-Cell™ IV & II

Technical Data

SPECIFICATIONS

Product	Tri-Cell IV & II
Media	Glass microfiber
Frame	<ul style="list-style-type: none"> ■ HIPS box-style frame (available 4" only) ■ HIPS frame with single header (available 4" only) ■ Moisture-resistant die cut (available on 2" and 4") ■ Metal 'C'-style frame (available on 2" and 4") ■ Metal frame with single header (available 4" only)
Seal	Perimeter adhesive seal
Initial resistance & efficiency	
2" Deep @ 250 FPM (1.27 m/s) MERV 10 (60 - 65%) MERV 13 (80 - 85%) MERV 14 (90 - 95%)	0.14 "W.G. (35 Pa) 0.30 "W.G. (75 Pa) 0.41 "W.G. (102 Pa)
4" Deep @ 500 FPM (2.54 m/s) MERV 11 (60 - 65%) MERV 13 (80 - 85%) MERV 15 (90 - 95%)	0.34 "W.G. (85 Pa) 0.58 "W.G. (144 Pa) 0.69 "W.G. (172 Pa)
Recommended final resistance	1.5 "W.G. (373 Pa)
Options	Factory-installed gasketing; faceguards

LEED CREDITS

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