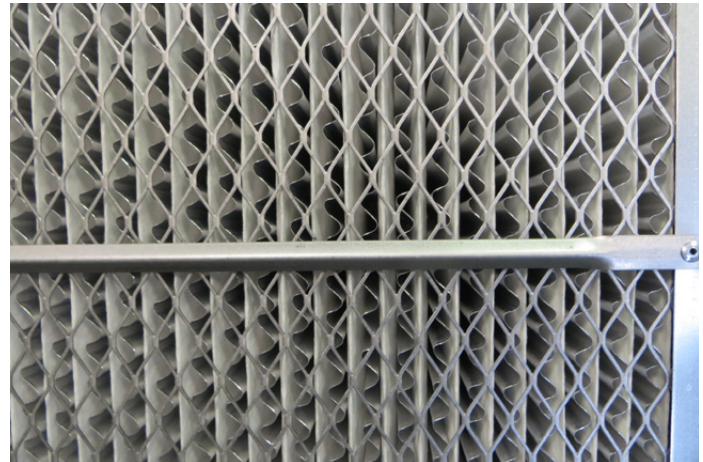
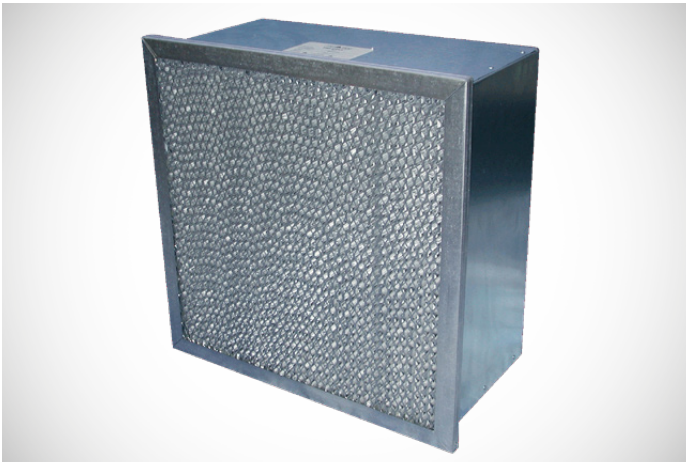


# Tri-Cell™ MIF

## Medium & High Efficiency Machine Intake Filtration



Tri-Cell MIF's cross brace and faceguard

### DESIGNED FOR THE NEEDS OF ROTATING EQUIPMENT

Tri-Cell MIF (machinery intake filters) are specifically engineered for the rotating machinery industry—centrifugal compressors, gas turbines and engines—where severe pulsing and surging can occur, in either air flow direction. Tri-Cell MIF is designed to withstand these harsh conditions and offer high efficiency and high dust holding capacity.

Tri-Cell MIF is available in MERV 11 (60-65%) and MERV 14 (90-95%) efficiencies, and in either single (see photo above left) or double header configurations. Tri-Cell MIF is constructed with protective faceguards both upstream and downstream, and a cross brace located downstream.

The media is constructed of glass microfibers that are configured to maximize service life. The Tri-Cell MIF media is water resistant and can endure intermittent exposure to water with only a temporary rise in resistance. The Tri-Cell MIF media pack also features aluminum separators that have been rolled and tapered, and placed between each pleat to enhance stability and to ensure maximum air flow at a minimal resistance. The media pack is sealed to the frame around the perimeter with an adhesive sealant to create a positive seal and eliminate the bypass of unfiltered air.

Tri-Cell MIF is the filter to use in the demanding environments of centrifugal compressors and gas turbines.

# Tri-Cell™ MIF

## Technical specification

### SPECIFICATIONS

Product	Tri-Cell™ MIF
Media	Glass microfiber
Frame	Galvanized steel
Seal	Perimeter adhesive seal
Faceguards	Upstream and downstream (standard)
Cross Brace	Downstream (standard)
Efficiency and Initial Resistance	
MERV 11 (60 - 65%) MERV 14 (90 - 95%)	0.40 "W.G. (100 Pa) 0.61 "W.G. (152 Pa)
Options	Factory-installed gasketing Cross brace - upstream

Meets ANSI/UL-900 requirements

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