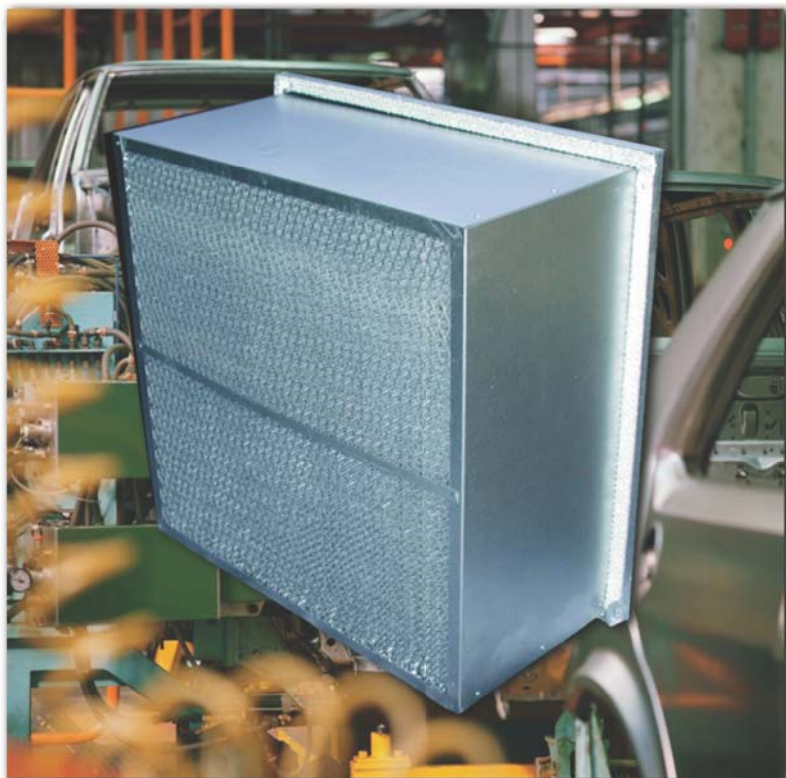


# TRI-CELL™ HT

MEDIUM AND HIGH EFFICIENCY HIGH TEMPERATURE FILTRATION



## TRI-CELL HT - High Temperature

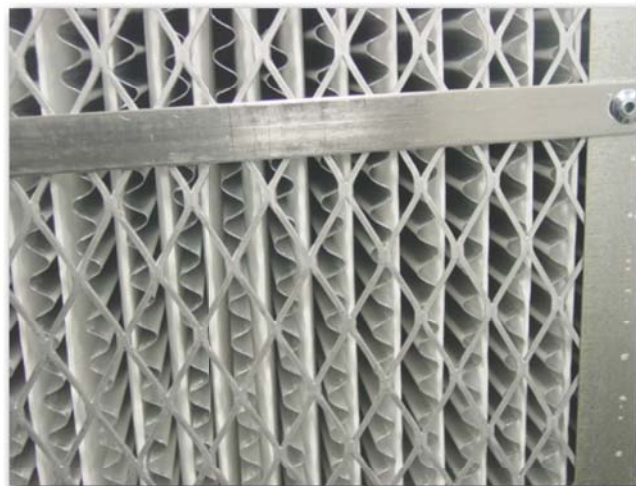
**Filters** are designed for applications that demand high efficiency in a high temperature environment - such as automotive finishing ovens. The TRI-CELL HT is engineered and manufactured to handle the demands of these extreme environments of up to 900°F.

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

The TRI-CELL HT is available in three different versions - 500°F, 750°F and 900°F to meet the demands of a wide variety of applications.

The media is constructed of glass microfibers that are configured to maximize service life. The TRI-CELL HT media is water resistant and features aluminum separators that have been rolled and tapered and placed between each pleat to enhance stability and to insure maximum airflow at a minimal resistance. The TRI-CELL HT utilizes a high temperature rope gasket. The Tri-Cell HT frame is constructed of 22 Gauge Aluminized Steel frame.

The TRI-CELL HT is the filter for use in the demanding environments of High Temperature environments.



*Cross Brace and Faceguard*

# TRI-CELL HT SPECIFICATIONS



## Media

Glass Microfiber

## Frame Construction

Aluminized Steel

## Faceguards and Crossbraces

Upstream and Downstream

## Efficiency and Initial Resistance @ 500 FPM (2.54 m/sec)

MERV 11 (60-65%) 500°F	0.40" WG (100 PA)
MERV 11 (60-65%) 750°F	0.42" WG (105 PA)
MERV 11 (60-65%) 900°F	0.45" WG (112 PA)
MERV 14 (90-95%) 500°F	0.65" WG (162 PA)
MERV 14 (90-95%) 750°F	0.66" WG (164 PA)
MERV 14 (90-95%) 900°F	0.66" WG (164 PA)

## Recommended Final Resistance

1.5" WG (373 PA)

## Gasketing

Factory Installed High Temperature Rope Gasketing

**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. 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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