# Tri-Cell™ HT Medium & High Efficiency, High Temperature Filtration





Tri-Cell HT's cross brace and faceguard

### DESIGNED FOR THE HARSHEST OF ENVIRONMENTS

Tri-Cell HT (high temperature) filters are designed for applications that demand high efficiency in a high temperature environment – such as automotive finishing ovens. Tri-Cell HT is engineered and manufactured to handle the demands of these extreme environments of up to 900 °F.

Tri-Cell HT is available in MERV 11 (60-65%) and MERV 14 (90-95%) efficiencies and in either single header (see photo above left) or double header configurations. Tri-Cell HT is constructed with protective faceguards both upstream and downstream and a cross brace located downstream. 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. Tri-Cell HT utilizes a high temperature rope gasket with a frame constructed from 22-gauge aluminized steel frame.

Tri-Cell HT is the filter to use in demanding, high temperature environments.



## Tri-Cell™ HT Technical specification

## SPECIFICATIONS

Product	Tri-Cell™ HT
Media	Glass microfiber
Frame	Aluminized steel
Faceguards	Upstream and downstream (standard)
Cross Brace	Downstream (standard)
Efficiency and Initial Resistance @ 500 FPM (2.54 m/sec)	
MERV 11 (60 - 65%) 500 °F MERV 11 (60 - 65%) 750 °F MERV 11 (60 - 65%) 900 °F	0.40 "W.G. (100 Pa) 0.42 "W.G. (105 Pa) 0.45 "W.G. (112 Pa)
MERV 14 (90 - 95%) 500 °F MERV 14 (90 - 95%) 750 °F MERV 14 (90 - 95%) 900 °F	0.65 "W.G. (162 Pa) 0.66 "W.G. (164 Pa) 0.66 "W.G. (164 Pa)
Recommended Final Resistance	1.5 "W.G. ( <i>373 PA</i> )
Gasketing	Factory installed, high temperature rope gasketing

Meets ANSI/UL-900 requirements

## 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.





Tel: 800-458-9835 info@tridim.com

tridim.com mann-hummel.com 1200-3 1119 © MANN+HUMMEL GmbH