Multi-Cell™HT
Compact Size High Efficiency Extended Surface Filters

Multi-Cell HT Filters

Multi-Cell HT filters are designed to provide high efficiency air filtration in high temperature applications. The **Multi-Cell HT** is offered in two temperature ratings (750˚F and 900˚F) and in single header and double header configurations.

The **Multi-Cell HT** is constructed of aluminized steel that will not flake or become brittle in high temperature applications. Aluminized faceguards and support straps are installed on the air entering and air exiting sides to provide additional support and durability. "Safe-edge" corrugated aluminum separators help maintain proper spacing of the filter media and help provide additional rigidity. The media is composed of durable ultra-fine glass microfibers and is designed to maximize filter life and efficiency. High temperature rope gasket (optional) can be applied to the filter to help prevent any leaks or bypass in the holding frames.

Multi-Cell HT filters contain **no** silicone. Silicone is a possible cause of contamination and painting defects in paint booth drying ovens.

Multi-Cell HT Construction

- Heavy-duty aluminized steel cell sides will not flake in high temperature conditions.

- The media pack is recessed to provide extra protection to the aluminum separators and filter media.

- Safe-edge™ corrugated aluminum separators insure proper media spacing. The leading edge of of each separator is folded to prevent damage to the filter media.

- Aluminized steel faceguards and support straps upstream and downstream protect the filter media and provide extra strength to the filter.

- High efficiency, progressive density microfiberglass filter media.

- The media pack is secured tightly in the frame with a layer of microfiberglass sealant. The filter contains no silicone.

Features

Two temperature ranges: 750˚F and 900˚F

- **Two efficiency ranges: MERV 11 and MERV 14**

- **UL Certified**

- **High efficiency microfiberglass filter media**

- **Durable aluminized steel cell sides**

- **Protective aluminized steel faceguards and support straps**

- **Single header and double header configurations**

- **Available with optional heavy-duty prefilter for applications with turbulent air flows**

Nominal Size	Actual Size	MERV Rating	HT 750 Initial Resistance (in. W.G.)	HT 900 Initial Resistance (in. W.G.)	HT 750 Media Area (sq. ft.)	HT 900 Media Area (sq. ft.)
90-95% SBM Double Header						
24x24x12	23.38 x 23.38 x 11.50	14	0.60	0.65	141	178
24x12x12	23.38 x 11.38 x 11.50	14	0.60	0.65	67	85
24x20x12	23.38 x 19.38 x 11.50	14	0.60	0.65	119	141
90-95% FM Single Header						
24x24x12	23.38 x 23.38 x 11.50	14	0.60	0.65	141	178
24x12x12	23.38 x 11.38 x 11.50	14	0.60	0.65	67	85
24x20x12	23.38 x 19.38 x 11.50	14	0.60	0.65	119	141
60-65% SBM Double Header						
24x24x12	23.38 x 23.38 x 11.50	11	0.43	0.52	141	178
24x12x12	23.38 x 11.38 x 11.50	11	0.43	0.52	67	85
24x20x12	23.38 x 19.38 x 11.50	11	0.43	0.52	119	141
60-65% FM Single Header						
24x24x12	23.38 x 23.38 x 11.50	11	0.43	0.52	141	178
24x12x12	23.38 x 11.38 x 11.50	11	0.43	0.52	67	85
24x20x12	23.38 x 19.38 x 11.50	11	0.43	0.52	119	141

Notes:
• Multi-Cell HT filters should be installed with aluminum separators in the vertical position. • Multi-Cell HT filters are listed and tested in accordance with UL Standard 900
• Performance data is based on ASHRAE Test Standards 52.2-2012.
• High temperature applications with air flow in excess of 2000 CFM per filter and/or cross-directional air flow may cause damage to air filters. Koch offers an optional heavy-duty prefilter for applications of this type. Your Koch Filter representative can help you determine the correct prefilter/final filter combination for your system.

KOCHFILTER®
PURE PERFORMANCE