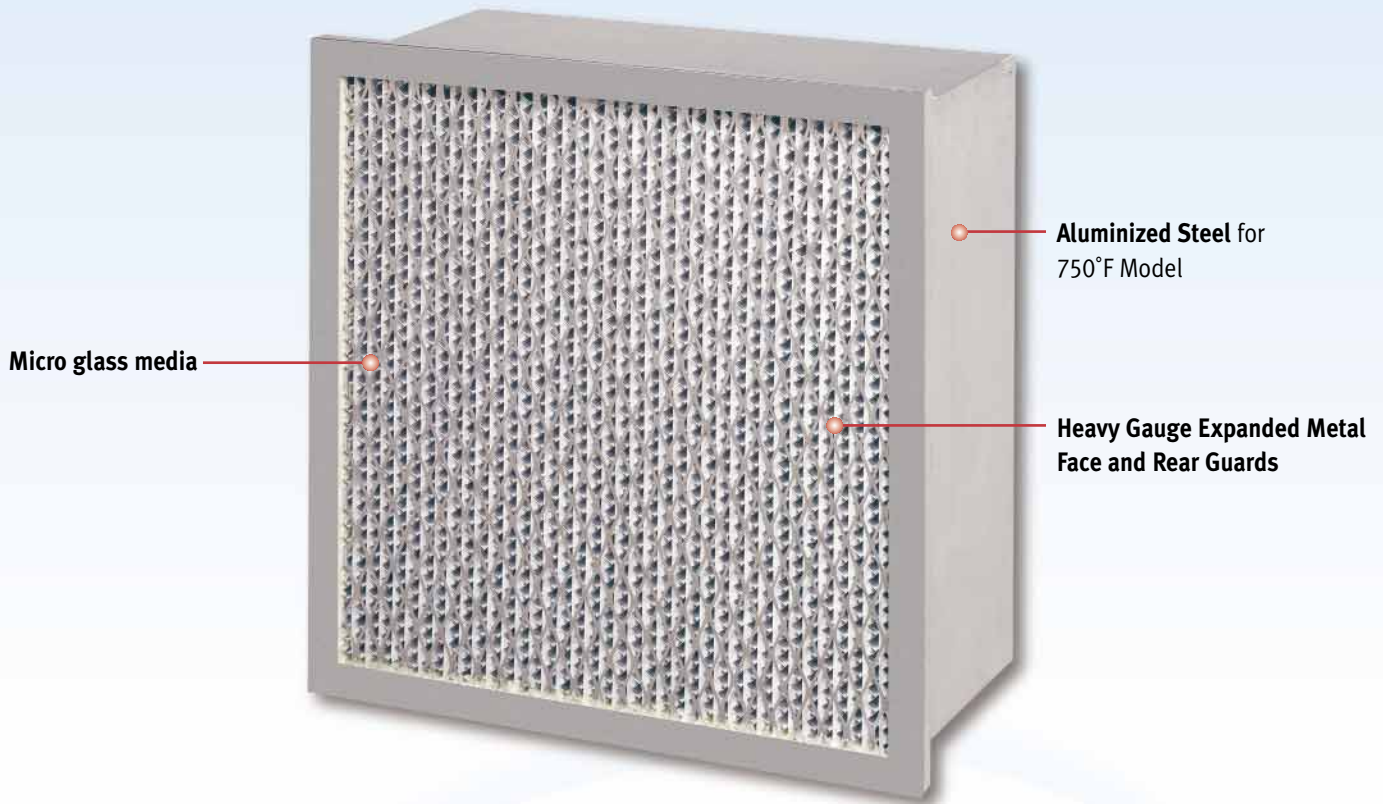


FHT (HIGH TEMP) BOX FILTER



- ▶ **Rugged design and construction** allows installation in harsh oven environments
- ▶ **Micro-glass filter media** —a proven performer in elevated temperature applications
- ▶ **Braided fiberglass rope** ensures a tight seal in high temperature applications
- ▶ **Silicone free construction** for paint applications
- ▶ **Available in 500°F and 750°F models**

DESCRIPTION

Filtrair's FHT Box filter is an extended surface, high temperature rigid filter. This deep pleated filter utilizes a continuous sheet of wet-laid micro-fiberglass media for stability. Corrugated aluminum separators with hemmed edges are placed between each pleat to stabilize and support the media pack, ensuring proper laminar airflow through the filter.

The pack is housed in a galvanized (500°F) or aluminized (750°F) steel frame, supported by 16 gauge face and rear grids, and a stiffened 18 gauge aluminized crossbar downstream.

FEATURES AND BENEFITS

- ▶ **EXTREMELY RIGID DESIGN** protects the media pack in hostile oven environments
- ▶ **HEAVY GAUGE FACE AND REAR GRIDS** ensure maximum protection of filter and products
- ▶ **SILICON FREE** makes it suitable for high-tech paint environments
- ▶ **PROVEN DESIGN** metal and micro-glass style HT filters are the industry standard in oven air filtration.

APPLICATIONS

This ASHRAE grade filter is specifically designed to be used in paint curing and drying ovens in the automobile industry, high temperature sterilization or wherever filtered high temperature air is required. The FHT Box filter provides high levels of air filtration efficiency at elevated temperature environments.

FHT (HIGH TEMP) BOX FILTER

FHT (HIGH TEMP) BOX FILTER TECHNICAL DATA

90-95% ASHRAE Efficiency, 500°F (Face-Grill Upstream & Downstream)

Nominal Filter Size (H x W x D)	Rated Air Flow (cfm)			Initial Resistance			Media Area (sq. ft.)
	250 fpm	375 fpm	500 fpm	250 fpm	375 fpm	500 fpm	
24 x 12 x 12	500	750	1000	0.28	0.44	0.66	55
24 x 24 x 12	1000	1500	2000	0.25	0.40	0.60	120

90-95% ASHRAE Efficiency, 750°F (Face-Grill Upstream & Downstream)

Nominal Filter Size (H x W x D)	Rated Air Flow (cfm)			Initial Resistance			Media Area (sq. ft.)
	250 fpm	375 fpm	500 fpm	250 fpm	375 fpm	500 fpm	
24 x 12 x 12	500	750	1000	0.33	0.50	0.77	73
24 x 24 x 12	1000	1500	2000	0.30	0.46	0.70	161

Materials

Frames:	24 gauge Galvanized Steel (500°F) 24 gauge Aluminized Steel (750°F) Stainless Steel Optional Aluminized Steel for 500°F Optional
Media:	Wet Laid Microfiber glass paper 500°F designs are available with a media area of 161 sq. ft. (24 x 24 x 12) and 73 sq. ft. (24 x 12 x 12) Optional
Face Grill:	16 gauge Aluminized Expanded Steel
Gasketing:	Braided Fiberglass Rope 3/8" Diameter, riveted to header
Sealant Mat:	Fiberglass

Listings

Flammability:	UL 900 Class 2
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Actual Frame Sizes

Height:	5/8" under nominal
Width:	5/8" under nominal
Depth:	11.5" for 12" nominal

Shipping

Recommended:	Palletized
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Recommended Final Resistance:	1.2" w.g.
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DISTRIBUTED BY



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