



Koch Filter Corporation
Filtration Products Crafted with Pride

Bulletin No. K 12002

LC Rigid Filter™



FM Single Header

The Koch Filter Corporation **LC Rigid Filter** is a high efficiency, extended surface air filter designed for use in light-to-moderate commercial and industrial applications.

The LC Rigid Filter is constructed with a sturdy steel external frame. The media pack, composed of graded density microfiber-glass paper and safe-edge aluminum separators, contains slightly less media than the Koch Multi-Cell¹. This reduced media area makes the LC Rigid an ideal product for systems in which a rigid configuration is preferred, yet initial purchase price is of paramount concern. LC Rigid Filters are presently used in a wide range of applications such as variable-air-volume (VAV) and high humidity environments. The filter is offered in three face sizes and two efficiency ranges (90-95% and 60-65%).

Three header configurations are available, FM Single Header, SBM Double Header, and NHM No Header.

¹ For high velocity or extremely dirty environments, please see the Koch Multi-Cell and Maxi-Cell.

Product Performance Data

Nominal Size	Air Flow Capacity (CFM) @ 500FPM	Initial Resistance (inches W.G.) @ 500FPM		Recommended Final Resistance (inches W.G.)	Media Area Sq. Ft.	
		90-95%	60-65%		FM & SBM	NHM
24x24x12	2000	.70	.44	1.5	90	105
20x24x12	1650	.70	.44	1.5	75	88
12x24x12	1000	.70	.44	1.5	45	53

Notes:

1. Actual Face dimensions are 5/8" less than nominal. Actual depth is 11 1/2".
2. All performance data is based on current ASHRAE test methods.
3. Performance tolerances conform to section 7.4 of ARI Standard 850-93.
4. LC Rigid Filters are classified U.L. 1.
5. Operating temperatures Limits (Continuous) 350 degrees F.

Corporate Offices

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Local Sales Offices/ Distribution Centers

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