

PRODUCT DATA

**FILTER-LINE™
SERIES FLR
PD-FLFLR-03A
JANUARY 2003**

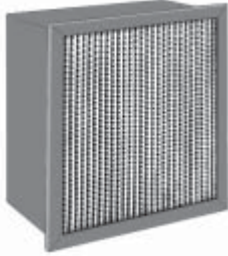
**AIR
FILTERS**

FILTER-LINE™

SERIES FLR — 60/12, 80/12, 90/12

RIGID CELL FILTERS — CLASS 2/CLASS 1

60%, 80% AND 90% EFFICIENT — 6" OR 12" DEEP

Description

The FILTER-LINE™ Series FLR — Filter-Line Rigid Cell Filters (Class 2/Class 1) are designed to provide high performance in a variety of applications. Rigid Cells may be used in VAV (Variable Air Volume) systems where changes in air flow or system shutdown will not adversely affect filter performance. Rigid Cells utilize ultrafine fiberglass paper like media, which is pleated and evenly spaced by use of aluminum separators. Media pack is enclosed in a 24 gauge galvanized steel frame. Rigid Cells are available in 60%, 80% and 90% efficiencies. Rigid Cells are also available in (6) standard face sizes and (2) filter depths. Filter-Line Rigid Cell Filters are suitable for use in UL Class 2 or UL Class 1 applications.

Construction**ULTRAFINE FIBERGLASS MEDIA**

Filter-Line Rigid Cell Filters are manufactured from ultrafine fiberglass paper like media. Media is water resistant and spacing is maintained by the use of corrugated aluminum separators.

24 GAUGE GALVANIZED STEEL CELL SIDE

Filter-Line Rigid Cell Filters are constructed of 24 gauge galvanized steel. The cell side provides for a very rigid filter and all interior surfaces of the air filter media are sealed to the enclosing frame.

THREE DIFFERENT ASHRAE EFFICIENCY RATINGS

Filter-Line Rigid Cell Filters are available in (3) different ASHRAE efficiency ratings of 60%, 80% and 90%. Rigid Cell Filters are tested in accordance with ASHRAE Standards for air filters.

TWO DISTINCT RIGID CELL FILTER DESIGNS

Filter-Line Rigid Cell Filters are available in (2) filter types. Cells without headers are designed for use in frame banks. Cells with perimeter headers are used in side-access filter housings.

WIDE VARIETY OF FILTER SIZES AND DEPTHS

Filter-Line Rigid Cell Filters are offered in (6) standard face sizes and (2) filter depths for 6" and 12" filters. All Filter-Line Rigid Cell Filters conform to industry standards for fit and performance.

SUITABLE FOR USE AS CLASS 2 OR CLASS 1

Filter-Line Rigid Cell Filters are suitable for use in both UL Class 2 or UL Class 1 environments. The standard metal cell side and self-extinguishing adhesives allow use in both applications.

Dimensional Data**SERIES FLR - RIGID CELL FILTERS - CLASS 2/CLASS 1**

MODEL NUMBER	NOMINAL SIZE	ACTUAL SIZE	SQ. FT. OF MEDIA	
			60% or 80%	90%
FLR**/121224	12 x 24 x 12	11 3/8 x 23 3/8 x 11 1/2	54.0	70.0
FLR**/121620	16 x 20 x 12	15 1/2 x 19 1/2 x 11 1/2	56.0	74.0
FLR**/121625	16 x 25 x 12	15 1/2 x 24 1/2 x 11 1/2	72.0	94.0
FLR**/122020	20 x 20 x 12	19 1/2 x 19 1/2 x 11 1/2	72.0	94.0
FLR**/122025	20 x 25 x 12	19 1/2 x 24 1/2 x 11 1/2	90.0	120.0
FLR**/122424	24 x 24 x 12	23 3/8 x 23 3/8 x 11 1/2	108.0	142.0

**Insert 60 for 60%, 80 for 80% and 90 for 90% efficient Rigid Cell Filters.

Rigid Cells without a perimeter header are normally used in built-up holding frame bank assemblies.

Rigid Cells with a perimeter header are normally used in side-access housing applications.

Add the suffix "PH" to model number for units with a perimeter header. Example: FLR60/122424PH.

Performance Data

SERIES FLR	INITIAL RESISTANCE		RECOMMENDED FINAL RESISTANCE	ARRESTANCE VALUE
	@ 300 FPM	@ 500 FPM		
60/12	.27	.50	1.20	98%
80/12	.31	.55	1.20	99%
90/12	.36	.60	1.20	100%

MODEL NUMBER KEY

FLR60/12**24**24PH

Insert model number extension to complete model number.

FLR- FILTER-LINE™ Rigid Cell Filter
60/12- 60% Efficiency - 12" Depth
24- Unit Width
24- Unit Height
PH- Perimeter Header

Note: 6" deep Cartridges are available, please contact factory.

Corporate Headquarters

P.O. Box 14187,
Louisville, Kentucky 40214
Phone: (502) 366-6002
Fax: (502) 366-6255

E-Mail: askus@blcind.com

BLC-WEST

Phone: (480) 839-5333
Fax: (480) 839-1584

www.blcind.com

We reserve the right to make changes in product design and product specifications without prior notice or obligation.

BLC INDUSTRIES INC.

Breathe Easy, We Have The Line On Air Filtration.