

**PRODUCT DATA**

**FILTER-LINE™  
SERIES CDR  
PD-FLCDR-03A  
JANUARY 2003**

**AIR  
FILTERS**

**FILTER-LINE™**

**SERIES CDR — 60/4, 80/4, 90/4  
COMPACT DESIGN RIGID CELL FILTERS — CLASS 2  
60%, 80% AND 90% EFFICIENT — 4" DEEP**

**Description**

The FILTER-LINE™ Series CDR — Compact Design Rigid Cell Filters (Class 2) are designed to provide high performance in a variety of applications. Compact Design Rigid Cells may be used in limited space restrictions due to the minimal depth of the cell. CDR Cell Filters utilize a dual density microglass paper media with a moisture resistant binder. Media is mini-pleated and pleat configuration is maintained by adhesive separators. Media pack is enclosed in a double wall, laminated fiberboard frame. Compact Design Rigid Cells are available in 60%, 80% and 90% efficiencies. The compact design of the mini-pleated Compact Design Rigid Cell Filters saves on shipping, handling and storage costs.

**Construction****DUAL DENSITY MICROGLASS PAPER MEDIA**

Filter-Line CDR Filters are manufactured from microglass paper media. The dual density of the filter media offers coarser fibers on the air-entering side and finer fibers on the air-leaving side.

**ADHESIVE SEPARATORS**

CDR Cell Filters are constructed using adhesive separators to maintain pleat configuration. Uniform pleat spacing allows even air flow across the filter and helps to strengthen the media pack.

**DOUBLE-WALL LAMINATED FIBERBOARD FRAME**

CDR Cell Filters are manufactured using a foil laminated fiberboard filter frame. The moisture resistant frame is fully bonded to the filter media pack. Double-wall construction guarantees rigidity.

**SPACE SAVING DESIGN**

Filter-Line CDR Filters are only a nominal 4 inches in depth. This allows installation under the most demanding space limitations. CDR Filters offer the performance of a 12" cell in only 4" of space.

**THREE DIFFERENT ASHRAE EFFICIENCY RATINGS**

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

**LOWER SHIPPING, HANDLING, STORAGE COSTS**

Filter-Line CDR Filters also help to lower shipping, handling and storage costs when compared to 12" Rigid Cell Filters. They are packaged (4) per carton compared to (1) per for 12" models.

**Dimensional Data**

**SERIES CDR - COMPACT DESIGN RIGID CELL FILTERS - CLASS 2  
60%, 80% AND 90% EFFICIENCY RANGE**

MODEL NUMBER	NOMINAL SIZE	ACTUAL SIZE	SQUARE FOOTAGE OF MEDIA
FLCDR**/41224	12 x 24 x 4	11 3/8 x 23 3/8 x 3 3/4	63.0
FLCDR**/42424	24 x 24 x 4	23 3/8 x 23 3/8 x 3 3/4	127.0

\*\*Insert 60 for 60%, 80 for 80% and 90 for 90% efficient Compact Design Rigid Cell Filters.  
Compact Design Rigid Cells may be used in built-up holding frame bank assemblies  
or in side-access housing applications.

**Performance Data**

SERIES CDR	INITIAL RESISTANCE		RECOMMENDED FINAL RESISTANCE	ARRESTANCE VALUE
	@ 300 FPM	@ 500 FPM		
60/4	.19	.40	1.50	98%
80/4	.28	.59	1.50	99%
90/4	.33	.68	1.50	100%

**MODEL NUMBER KEY**

FLCDR90/4**2424**

Insert model number extension to complete model number.

**FL-** FILTER-LINE™  
**CDR-** Compact Design Rigid Cell Filter  
**90/4-** 90% Efficiency - 4" Depth  
**24-** Unit Width  
**24-** Unit Height

Note: Other special sizes are available, please contact factory.

**Corporate Headquarters**

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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.*