

**PRODUCT
DATA**
COMP-LINE™
SERIES MCS
PD-CLMCS-03A
JANUARY 2003

AIR
FILTRATION
COMPONENTS

COMP-LINE™
SERIES MCS
METAL FILTER CELL SIDES
FOR CARTRIDGE, RIGID CELL AND HEPA FILTERS

Description



The COMP-LINE™ Series MCS — Metal Filter Cell Sides are designed to provide an easy assembly method for the production of Cartridge, Rigid Cell and HEPA Filters. **Cartridge and Rigid Cell Filters** are a two piece, L-shape constructed Cell Side. Cell Sides are available in the following styles: no perimeter header, single perimeter header, or double perimeter header. All Cell Sides are supplied with the appropriate wrap-around headers. **HEPA Filters** are a four piece constructed Cell Side designed to provide a flat sealing surface on all sides of the HEPA Filter media pack. Turned out flanges also ensure extreme rigidity to safeguard the delicate HEPA media pack. All Metal Filter Cell Sides are shipped ready for assembly.

Construction

READY-TO-ASSEMBLE CONSTRUCTION

Cell Sides are shipped completely fabricated and ready to assemble. All assembly tabs are formed and are provided with pre-punched assembly holes. Perimeter headers are fully formed.

WIDE VARIETY OF STYLES AND SIZES

Cell Sides are available in common sizes and depths. Cartridge and Rigid Cell Sides are available in 6" and 12" depths. HEPA Sides are available in full and nominal sizes, 6" and 12" depths.

CARTRIDGE/RIGID CELL FILTER CONSTRUCTION

Cell Sides are 24 gauge galvanized, formed in a 2 piece, L-shaped Cell Side. Assembly tabs join components to complete Cell Side. Holes are provided in the assembly tab. Holes accept 1/8" rivets.

PERIMETER HEADER CONSTRUCTION

Cell Sides that require perimeter headers are supplied with a fully formed, specially designed Notched Filter Frame (NFF). Header is folded around the finished Filter Cell Side and secured in place.

HEPA FILTER CONSTRUCTION

Cell Sides are 18 gauge galvanized, formed in a 4 piece constructed Cell Side. Vertical components insert into horizontal members and are secured in place with media pack adhesive.

SPECIAL CELL SIDE CONSTRUCTION

Cell Sides for specialized applications are available. Stainless steel Cell Sides, as well as custom sized Cell Sides are available. Please consult factory for information on special Cell Sides.

Dimensional Data

CARTRIDGE/RIGID CELL FILTER CELL SIDES

MODEL NUMBER	NOMINAL	ACTUAL
CLC24GZ*121224	12 x 24	11 3/8 x 23 3/8
CLC24GZ*121620	16 x 20	15 1/2 x 19 1/2
CLC24GZ*121625	16 x 25	15 1/2 x 24 1/2
CLC24GZ*122020	20 x 20	19 1/2 x 19 1/2
CLC24GZ*122025	20 x 25	19 1/2 x 24 1/2
CLC24GZ*122424	24 x 24	23 3/8 x 23 3/8

*Insert the number of headers required for the Cell Side:
0 for 0, 1 for 1, and 2 for 2. 12" deep Cell Sides shown.
For 6" deep Cell Sides, insert 06 for 12 in model number.

HEPA FILTER CELL SIDES

MODEL NUMBER	NOMINAL	ACTUAL
CLH18GZ121212	12 x 12	12 x 12
CLH18GZ121123	11 x 23	11 3/8 x 23 3/8
CLH18GZ121224	12 x 24	12 x 24
CLH18GZ122323	23 x 23	23 3/8 x 23 3/8
CLH18GZ122424	24 x 24	24 x 24
CLH18GZ122430	24 x 30	24 x 30

12" deep HEPA Filter Cell Sides are shown.
For 6" deep HEPA Filter Cell Sides,
insert 06 for 12 in model number.

MODEL NUMBER KEY

CLC24GZ1121224

*Insert model number extension
to complete model number.*

CL- COMP-LINE™
C- Cartridge/Rigid Cell Filter
24GZ- 24 Gauge Galvanized
1- 1 Perimeter Header
12- Unit Depth
12- Unit Width
24- Unit Height

Notes:

- Actual depth on 12" Cartridge/Rigid Cell Filter Cell Sides is 11 1/2".
- Actual depth on 6" Cartridge/Rigid Cell Filter Cell Sides is 5 7/8".

MODEL NUMBER KEY

CLH18GZ122424

*Insert model number extension
to complete model number.*

CL- COMP-LINE™
H- HEPA Filter Cell Side
18GZ- 18 Gauge Galvanized
12- Unit Depth
24- Unit Width
24- Unit Height

Notes:

- Actual depth on 12" HEPA Filter Cell Sides is 11 1/2".
- Actual depth on 6" HEPA Filter Cell Sides is 5 7/8".

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.