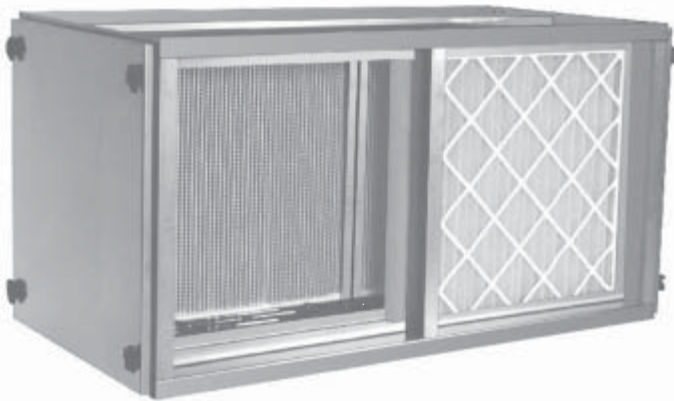


**PRODUCT
DATA**
SURE-LINE™
SERIES 26HL
PD-SL26HL-03A
JANUARY 2003

HIGH
EFFICIENCY
FILTRATION
EQUIPMENT

**SURE-LINE™
SERIES 26HL**
26" HEPA LOCK HOUSING



HEPA Lock Housing

CONSTRUCTION FEATURES

- 16 GAUGE ALUMINIZED STEEL
- COMPLETELY FACTORY ASSEMBLED
- ACCESS DOORS ON BOTH SIDES
- GASKETED ACCESS DOORS
- 2" OR 4" PREFILTER -- 6" OR 12" HEPA
- 1 1/2" MOUNTING FLANGES

The BLC HEPA Lock Housing is engineered to provide a rugged one piece housing, completely factory assembled and ready for immediate installation when received at the job site. Unit sizes range from 1 foot wide x 2 feet high to 8 feet wide x 6 feet high. (Larger unit capacity may be achieved by stacking or butting the units together in a modular fashion.)

The unit is designed to accommodate either a 6 or a 12 inch deep HEPA Filter. The Housing can be equipped with either a 2" (unit depth of 26") or 4" (unit depth of 26") prefilter track if desired. And no downstream or upstream access space is required due to side service and installation of filters.

BLC's HEPA locking mechanism is operated by an over-center type clamp arrangement which forces the filter cell against the channel grid system on the downstream side of the unit. This completely seals off the periphery of each HEPA Filter. The spring loading capacity of the locking mechanism maintains a positive pressure of 600 ft. lbs. per filter cell.

Construction

BLC's HEPA Lock Housings are constructed of 16 gauge aluminized steel. Aluminized steel provides superior corrosion and heat resistance, resulting in longer product life and appearance. Aluminized steel offers an improved overall appearance when compared to galvanized material. Aluminized steel conforms to ASTM Specification A463 and is used for such applications as space heaters, mufflers and incinerators which are subjected to extremely corrosive conditions. *We are currently the only manufacturer who constructs the HEPA Lock Housings of aluminized steel.*

The BLC HEPA Lock Housing is supplied standard with 2 pan type doors. These doors are crossbroke to resist positive and negative pressure of air flow, and are fully removable with easy turn hand knobs. Each housing's door access perimeter is fully gasketed with an EPDM gasket providing a complete airtight seal. The standard pressure rating is 5" W.G.

A 2 (unit depth of 26") or 4 (unit depth of 26") inch prefilter track is available to accommodate pleated filters or any other suitably sized panel type prefilters.

It is however *strongly* recommended that a BLC CLEAN-LINE high efficiency Side Access Housing with Ultra Flo 10 bag filters be used upstream of the BLC HEPA Lock Housing. This design would remove large particulate matter before reaching the HEPA Filters, thereby extending the life of these more costly filters.

BLC's HEPA Lock has a depth of 26 inches in the direction of air flow and requires no upstream or downstream access.

All units are supplied with a 1 1/2 inch outer flange for easy field connections to ductwork.

Every interior or exterior housing seam, where applicable, is sealed to prevent air bypass by use of a permanent sealer caulk.

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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.

HEPA Lock Housing: Options

Materials of construction for the BLC HEPA Lock Housing should be determined by field conditions to which they will be exposed. Most applications can be met by BLC's superior construction, but where necessary the housings may be constructed from Stainless Steel. Also, an epoxy or plasite coating can be applied when specified. Please consult factory.

HEPA Lock Housings may be Double Wall insulated. Standard insulation offered is 1 inch thick with 1 1/2 pound density. The insulation is applied to the interior surface of the doors and the exterior surface of the top and bottom panels. The insulation is then enclosed and captured with 24 gauge aluminized panels ensuring its integrity for the life of the unit. BLC's Double Wall insulation combats vibration, noise and condensation to protect the quality of the filtered air.

Weatherproof units for outside installations provide a pitched roof, rain guards over the doors and permanent sealing at all seams to secure the Housing against the elements. Finally, flange adapters for all commercial air handling units and flange adapters to meet any ductwork requirements are also available.

EQUIPMENT OPTIONS

- INSULATION
- DOUBLE WALL INSULATION
- WEATHERPROOFING
- HIGH PRESSURE
- FLANGE ADAPTERS
- SUPPORT LEGS
- HANGER BRACKETS
- STATIC TAPS
- STAINLESS STEEL
- DOP TEST PORTS

These and other specialty options are available, please contact factory for further information.

MODULAR ASSEMBLY

The maximum size of a single BLC HEPA Lock Housing is a nominal 8 x 6 (8 ft. long x 6 ft. high). However, many of these units may be stacked or butted together to achieve almost any desired capacity. Any multi-section HEPA Lock arrives complete at the site, with pre-drilled and gasketed cornerposts along with stacking supports and railings -- all built in. It is the easiest to use, best designed system for high capacity applications.

Dimensional Data

HEIGHT CODE (Nominal)	ACTUAL HEIGHT	MODEL NUMBER CFM @ 500 FPM FILTER QUANTITY	WIDTH CODE (Nominal)							
			01	02	03	04	05	06	07	08
			ACTUAL WIDTH							
			14 7/8"	26 7/8"	38 7/8"	50 7/8"	62 7/8"	74 7/8"	86 7/8"	98 7/8"
06	75 7/8"	MODEL EXT. CFM @ 500 FPM FILTER QTY.	01X06 3000 3H	02X06 6000 3F	03X06 9000 3H 3F	04X06 12000 6F	05X06 15000 3H 6F	06X06 18000 9F	07X06 21000 3H 9F	08X06 24000 12F
05	63 7/8"	MODEL EXT. CFM @ 500 FPM FILTER QTY.		02X05 5000 1H 2F	03X05 7000 3H 2F	04X05 10000 2H 4F	05X05 12000 4H 4F	06X05 15000 3H 6F	07X05 17000 5H 6F	08X05 20000 4H 8F
04	51 1/2"	MODEL EXT. CFM @ 500 FPM FILTER QTY.	01X04 2000 2H	02X04 4000 2F	03X04 6000 2H 2F	04X04 8000 4F	05X04 10000 2H 4F	06X04 12000 6F	07X04 14000 2H 6F	08X04 16000 8F
03	39 1/2"	MODEL EXT. CFM @ 500 FPM FILTER QTY.		02X03 3000 1H 1F	03X03 4000 2H 1F	04X03 6000 2H 2F	05X03 7000 3H 2F	06X03 9000 3H 3F	07X03 10000 4H 3F	08X03 12000 4H 4F
02	27 3/16"	MODEL EXT. CFM @ 500 FPM FILTER QTY.	01X02 1000 1H	02X02 2000 1F	03X02 3000 1H 1F	04X02 4000 2F	05X02 5000 1H 2F	06X02 6000 3F	07X02 7000 1H 3F	08X02 8000 4F
01	15 3/16"	MODEL EXT. CFM @ 500 FPM FILTER QTY.		02X01 1000 1H		04X01 2000 2H		06X01 3000 3H		08X01 4000 4H

- H denotes half size filter - 12 x 24 HEPA.
- F denotes full size filter - 24 x 24 HEPA.
- denotes unit requires a 12 x 12 HEPA blank-off panel, which is supplied.
- Unit depth is 26" with either the 2" or 4" prefilter track.
- CFM shown is based on use of High Capacity HEPA Filters.

MODEL NUMBER KEY

26HL04X02/12

Insert model number extension to complete model number.

- 26- 26" Depth
- HL- HEPA Lock
- 04- Unit Width
- 02- Unit Height
- 12- HEPA Filter Depth