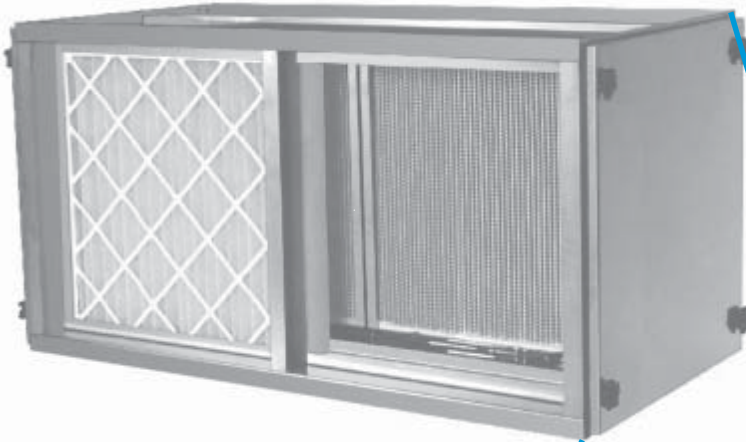


**SPECIFICATION
DATA**
SURE-LINE™
SERIES 26HL
SPD-SL26HL-03A
JANUARY 2003

**HIGH
EFFICIENCY
FILTRATION
EQUIPMENT**

SURE-LINE™
HEPA LOCK HOUSING
26" HEPA LOCK HOUSING

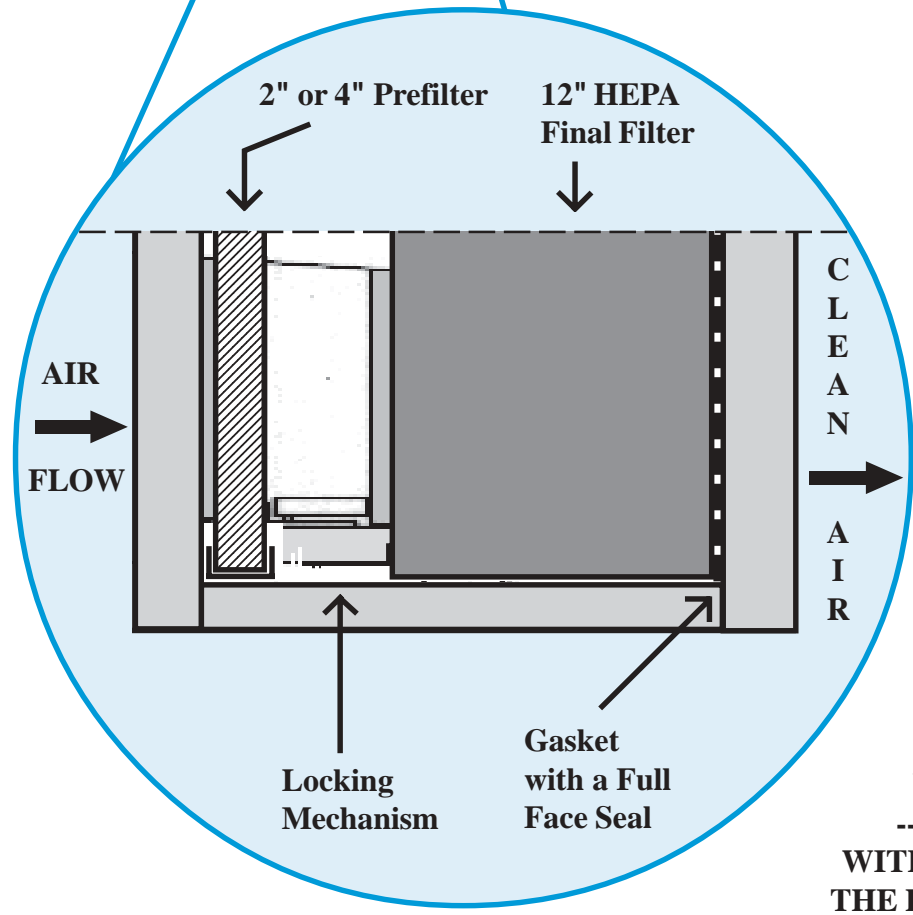
SPECIFICATIONS:



- Completely Factory Assembled
- 16 Gauge Aluminized Steel
- Access Doors on Both Sides
- 2" or 4" Prefilter -- 6" or 12" HEPA
- Locking Mechanism with 600 Ft. Lbs. of Pressure Per Filter Cell
- Fully Gasketed Tracks and Doors
- 1 1/2" Mounting Flanges

OPTIONS:

- Insulation
- Double Wall Insulation
- Weatherproofing
- High Pressure
- Flange Adapters
- Support Legs
- Hanger Brackets
- Static Taps
- Stainless Steel
- DOP Test Ports



Corporate Headquarters

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

E-Mail: askus@blcind.com

www.blcind.com

BLC-WEST

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

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.

MECHANICAL SPECIFICATIONS - SURE-LINE HEPA LOCK HOUSING

Filter housings shall be SURE-LINE 26HL HEPA Lock Housings as manufactured by BLC Industries, Inc. Units shall be completely factory assembled with 1 1/2" mounting flanges provided for easy field installation. Standard design for 5" W.G. positive or negative pressure. Units shall include the following equipment features and options:

STANDARD UNIT CONSTRUCTION

Material of Construction

HEPA Lock Housing(s) shall be manufactured of 16 gauge aluminized steel. All fasteners are to be corrosion resistant finish.

Track System

HEPA Lock Housing(s) filter tracks shall provide for either a 2" or a 4" prefilter and a 6" or a 12" HEPA-type final filter. Each prefilter track shall be sealed at its end by use of EPDM gasket.

HEPA Filter Locking Mechanism

HEPA Lock Housing(s) shall be provided with a final filter locking mechanism. The locking mechanism is to be operated by over-center type clamps which force the downstream filter gasket seal against a sealing grid, providing a full face seal of the HEPA Filter(s). Spring loading of the locking mechanism clamps maintain a positive pressure of 600 ft. lbs. per HEPA Filter. Standard location of locking mechanism is at the right hand door.

Access Doors

HEPA Lock Housing(s) shall be provided with two (2) pan-type, crossbroke, removable access panels. Doors shall be sealed at perimeter with EPDM gasket. Doors shall be bolt-on and secured by the use of variable pressure knobs.

UNIT OPTIONS

Insulation

HEPA Lock Housing(s) shall be provided with 1 inch thick insulation. Insulation is applied to the interior of the access doors and to the exterior of the top and bottom panels. Insulation may be 1.5 pound or 3.0 pound density.

Double Wall Insulation

HEPA Lock Housing(s) shall be provided with 1 inch thick double wall insulation. Insulation shall be enclosed in 24 gauge aluminized steel panels located on the interior of the access doors and the exterior of the top and bottom panels. Insulation may be 1.5 or 3.0 pound density.

Weatherproofing

HEPA Lock Housing(s) shall be provided with a 16 gauge aluminized steel pitched rain roof. All seams shall be sealed using a high viscosity permanent sealer (non-silicon).

High Pressure

HEPA Lock Housing(s) shall be provided to meet operating static pressure of 10 IN. W.G. (Positive/Negative). Higher pressure of 20 IN. W.G. (Positive/Negative) is also available. Consult factory for all other high pressure applications.

Mounting Flange Adapters

HEPA Lock Housing(s) shall be provided with 16 gauge aluminized steel flat adapter flange to match customer equipment specifications. Flanges may be single (air-entering or air-leaving) or double (air-entering and air-leaving) per requirements.

Support Legs

HEPA Lock Housing(s) shall be provided with 12 gauge aluminized steel support legs. Maximum height of 6 inches from bottom of flange to floorline. Quantity of support legs are as follows: 01 ft - 04 ft wide units/2 support legs, 05 ft - 07 ft wide units/3 support legs, 08 ft wide units/4 support legs. For other applications, consult factory.

Hanger Brackets

HEPA Lock Housing(s) shall be provided with 12 gauge aluminized steel hanger brackets welded to the top panel. Location may be one (1) pair of brackets (air-leaving/top corners) or two (2) pairs of brackets on all four corners. Brackets are supplied with a 5/8" diameter hole for hanger rod. Hanger brackets are for support of the filter housing only.

Static Taps

HEPA Lock Housing(s) shall be supplied with static pressure fittings for 1/4" metal tube connection.

Tap Location No. 1: Before prefilter. Tap Location No. 2: Between prefilter and HEPA filter. Tap Location No. 3: After HEPA filter.

Alternate Material of Construction

HEPA Lock Housing(s) shall be manufactured of 304 or 316 stainless steel when specified. Standard aluminized units shall be supplied with an air dried epoxy coating. Epoxy coating can be interior-only, exterior-only or interior and exterior.

DOP Test Ports

HEPA Lock Housings shall be provided with 3/8 inch half couplings with brass hex plugs. DOP ports shall be located in the housing top panel for upstream sampling.