

**PRODUCT
DATA**
**SURE-LINE™
SERIES BIO**
PD-SLBIO-03A
JANUARY 2003

**HIGH
EFFICIENCY
FILTRATION
EQUIPMENT**

SURE-LINE™
SERIES BIO
BAG-IN/BAG-OUT
BIO CONTAINMENT HOUSING

The SURE-LINE Series BIO Bag-In/Bag-Out Containment Housing is designed by BLC to provide air filtration while arresting and containing dangerous or toxic biological, radioactive or carcinogenic materials. Series BIO Housings are used predominantly in Containment Systems to eliminate the risk of hazardous exposure for Maintenance and Air Filter service personnel.

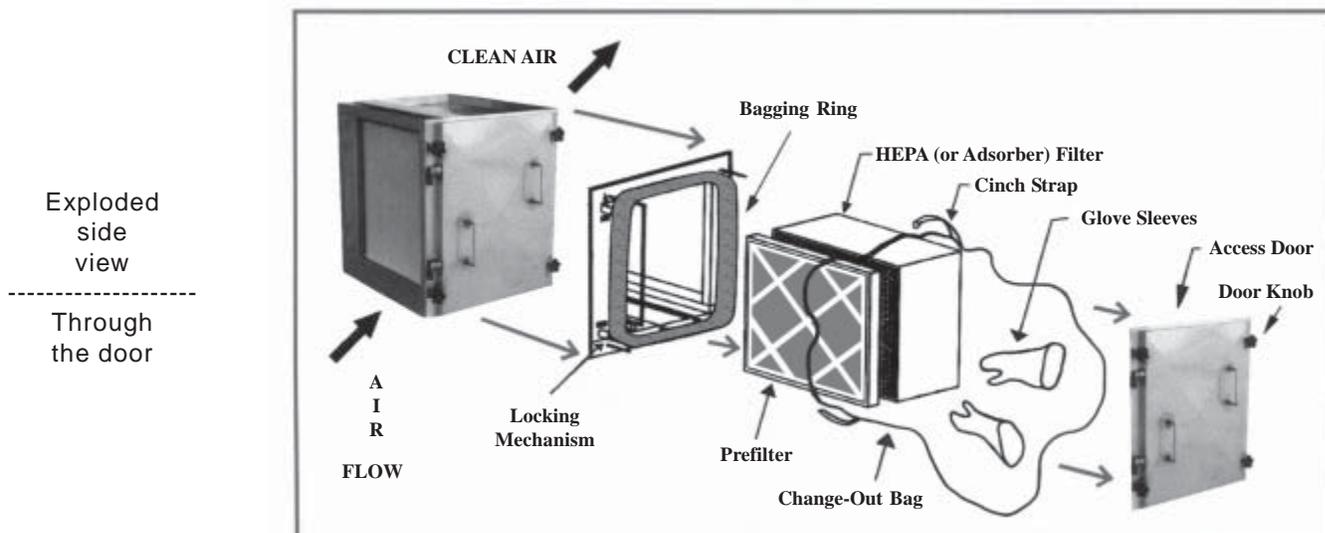
BIO Housing

The BIO Bag-In/Bag-Out Containment Housing has a ribbed bagging ring around the perimeter of its access door. A specially designed plastic bag is secured around the bagging ring. Once the initial set of air filters are installed and the bag is attached, all filters, both dirty and new, are handled through the bag; hence the name "Bag-In/Bag-Out".



Series BIO Housings are available in a variety of filter arrangements that include prefiltration, vapor adsorption and high efficiency filtration. Fluid seal units are also available. Constructed of 304 Stainless Steel, the BIO Containment Housings can also be fabricated of 316 Stainless Steel and be supplied with a variety of options.

Bag-In/Bag-Out Operation



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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.

BIO Housing: Dimensional Data

HEIGHT CODE (Nominal)	ACTUAL HEIGHT	UNIT CAPACITY	WIDTH CODE (Nominal)		
			02	04	06
			ACTUAL WIDTH		
			27"	51"	75"
08	120"	UNIT SIZE ⇨ UNIT CFM (1) ⇨ FILTER QUANTITY ⇨	02 X 08 4000 4F	04 X 08 8000 8F	06 X 08 12000 12F
06	90"	UNIT SIZE ⇨ UNIT CFM (1) ⇨ FILTER QUANTITY ⇨	02 X 06 3000 3F	04 X 06 6000 6F	06 X 06 9000 9F
04	60"	UNIT SIZE ⇨ UNIT CFM (1) ⇨ FILTER QUANTITY ⇨	02 X 04 2000 2F	04 X 04 4000 4F	06 X 04 6000 6F
02	30"	UNIT SIZE ⇨ UNIT CFM (1) ⇨ FILTER QUANTITY ⇨	02 X 02 1000 1F	04 X 02 2000 2F	06 X 02 3000 3F

MODEL NUMBER EXTENSION INFORMATION		
EXTENSION	MODEL DESCRIPTION	DEPTH
12A	12" ADSORBER	23"
16A	16" ADSORBER	27 1/2"
18A	18" ADSORBER	29 1/2"
12H	12" HEPA FILTER	23"
NP	NO PREFILTER	ADD 0"
2P	2" PREFILTER	ADD 3"

MODEL NUMBER KEY

BIO02x02-2P-12H

Insert unit width by height and model number extension to complete model number.

BIO- Bag-In/Bag-Out Housing
02- Unit Width
02- Unit Height
2P- 2" Prefilter
12H- 12" HEPA Filter

- CFM based on 2000 CFM @ 500 FPM per 24x24x12 (High Capacity HEPA) filter.
- F - denotes full size filter or adsorber and, depending on model number extension unit, requires the quantity of 24 x 24 prefilters, adsorbers or HEPA Filters shown.
- For unit depth information, add extension number depths and refer to the option information shown below. **EXAMPLE:** For model number shown, 12H-, depth is 23". Add depth of 2P-, 3", which makes total unit depth 26".

Options

OPTION MODEL NUMBER EXTENSION INFORMATION	
EXTENSION	MODEL DESCRIPTION
316	316 STAINLESS STEEL
SDLH	SINGLE DOOR --- LEFT HAND
SDRH	SINGLE DOOR --- RIGHT HAND
DDLH (*)	DUAL DOORS --- LEFT HAND
DDRH (*)	DUAL DOORS --- RIGHT HAND
SATP	SAMPLE AND TEST PORTS
KEFS	KNIFE-EDGE FILTER SEAL

OPTION MODEL NUMBER KEY

BIO02x02-O-316

Insert unit width by height and model number extension to complete model number.

BIO- Bag-In/Bag-Out Housing
02- Unit Width
02- Unit Height
O- Option
316- 316 Stainless Steel

- A Single Access Door encloses both the prefilter and adsorber or HEPA Filter in a single access door, whereas the Dual Access Doors option provides a separate access door for the prefilter and a separate door for the adsorber or HEPA Filter.
- (*) Dual Access Doors increase unit depth as follows: 2P units --- add 9 3/4" to unit depth.
- For ordering information, list the unit model number followed by all selected option model numbers.
- Other options are available, please consult factory.