



BAG-IN/BAG-OUT HOUSING



B1-11 BASE UNIT



FILTERS LOADED



SKID-MOUNTED SYSTEM

B1 Series Bag-in/Bag-out Housing

CTC's B1 Series Housings are designed for use in biologically hazardous applications. The B1 Housing minimizes the exposure to harmful contaminants during filter change out by using a PVC bag. This bagging system isolates personnel from contact with the dirty filters.

A variety of geometries are available using prefilters, HEPA filters and carbon adsorbers. All B1 Series Housings have the following standard options:

- Manufactured from 14-ga. and 12-ga. Type 304 stainless steel . Type 316 is also available.
- Housing accommodates standard gasketed HEPA filters and 2" prefilter. Gel seal also available.
- All pressure boundaries are continuously seam welded.
- All weld procedures and welders are qualified in accordance with ASME BPVC, Section IX.
- Entire housing and seal face is tested at 10" WC in accordance with ASME N510-1995 reaffirmed.
- Multi-wide housings are equipped with a filter removal rod to draw the filters to the change out position.
- One PVC change out bag is furnished for each filter access port.
- Positive seal clamping mechanisms that exert a minimum of 1200 lbs. force on each filter.
- Static pressure taps across door.
- Upstream and downstream 1 ½" minimum flange width.
- Manufactured per the applicable requirements of ASME NQA-1.
- Common accessories: Transitions, Weather Cap, Gauges, Dampers, Test Section, Ports, Skid.

See back for configurations and dimensions

B1-SERIES BAG IN/BAG OUT HOUSINGS

ASPECT RATIO HIGH X WIDE	FILTER QUANTITY	DIMENSIONS IN INCHES		*WEIGHT LBS.
		A	B	
1 X 1	1	28.25	27.00	120
1 X 2	2	28.25	51.25	180
1 X 3	3	28.25	75.25	265
2 X 1	2	56.50	27.00	240
2 X 2	4	56.50	51.25	360
2 X 3	6	56.50	75.25	530
3 X 1	3	84.75	27.00	360
3 X 2	6	84.75	51.25	540
3 X 3	9	84.75	75.25	795

*FILTER WEIGHT NOT INCLUDED

