

HOUSING DATA SHEET

ASHRAE PURO® Seal VBA Vee bank side access filter housing

Purolator Filtration Systems

Introduction

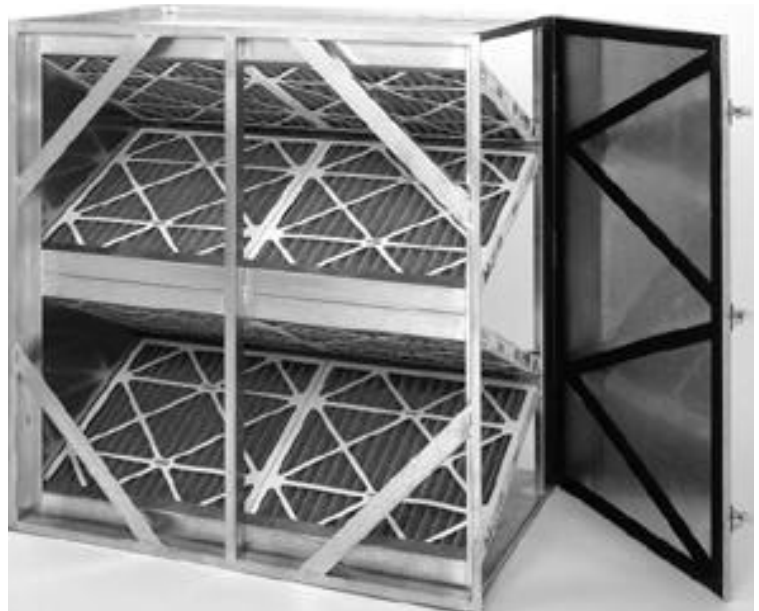
The Purolator ASHRAE PURO Seal VBA filter housing is a single stage unit. Our standard VBA housings are 30" deep and accommodate various combinations of 2-inch or 4-inch MARK 80-D™ pleated, hi-E 40® pleated, and Synthetic Support Panel basic and medium efficiency filters. Each housing is constructed with specific features which increase product versatility, integrity, and ease of use.

Construction features

- Factory assembled of 16-gauge galvanized steel into a one-piece construction to insure easy field installation.
- For added strength, corner gussets are positioned along the upstream side of the system. To eliminate air leakage, each seam is intermittently welded and sealed with silicone compound. To increase rigidity, center stabilizer bars are incorporated on models wider than 24".
- Positive lock door latches provide a tight seal along the perimeter of every door. For ease of access, double doors can serve as an alternative means for customized access to the unit. Each door is fully gasketed (neoprene type) to guard against leakage around pre-and final filters.
- One-inch (1") installation flanges are included on all units. Custom flanges are available upon request.

Options

- Weatherproofing: Refers to a pitched roof of 16-gauge material; also includes rainguard over the door.
- Insulation: Housings requiring insulation will include 1" foil coated fiber board. Contact factory for other options.
- Double wall insulated construction: Each housing door is insulated with a 1" fiber board between two (2) pieces of 16-gauge galvanized steel.
- Epoxy coated housings: Contact factory for pricing and leadtime.



- Construction materials: All ASA housings are available in 304-2B stainless steel and 16-gauge galvanized steel. Contact factory for pricing.
- Vertical flow housings: All standard features apply—removable doors promote ease of access to filter assembly.
- Bottom access housings: Retainer clips are available for securing filters.
- Custom flanged housings: All housings are available with custom flanges to match air handler specifications. Contact factory for information.

Housing Options

The following housing options are available with the PURO Seal VBA vee-bank side-access filter housing:

CA	Constructed of 16-gauge galvanized steel	DF	Drilled Flanges
CB	Constructed of 16-gauge 304 stainless steel	DD	Double Door
WP	Weatherproof	BA	Bottom Access
IN	Insulation	VF	Vertical Flow
EP	Epoxy Coating	U	Universal Frame
HP	High Pressure	SP	Static Pressure Port
HT	High Temperature	SG	Static Pressure Gauge (not installed)
DW	Double-wall Insulated	SI	Static Pressure Gauge (installed)
LL	Lifting Lugs	AL	Left-handed Access
		PL	PURO Lok Design

Dimensions

Unit	Height (inches)	Width (inches)	Filters Req. 24x24x 2" or 4" filter	Filters Req. 12x24x 2" or 4" filter	Unit	Height (inches)	Width (inches)	Filters Req. 24x24x 2" or 4" filter	Filters Req. 12x24x 2" or 4" filter
1/2x1	14-1/4	25-5/8		1	2-1/2x1	62-3/4	25-5/8	4	4
1/2x2	14-1/4	49-1/4		2	2-1/2x2	62-3/4	49-1/4	8	8
1/2x3	14-1/4	72-7/8		3	2-1/2x3	62-3/4	72-7/8	12	12
1/2x4	14-1/4	96-1/2		4	2-1/2x4	62-3/4	96-1/2	16	16
1/2x5	14-1/4	120-1/8		5	2-1/2x5	62-3/4	120-1/8	20	20
1/2x6	14-1/4	143-3/4		6	2-1/2x6	62-3/4	143-3/4	24	24
1x1	26-1/4	25-5/8	2	0	3x1	74-3/4	25-5/8	6	0
1x1-1/2	26-1/4	37-1/4	2	2	3x1-1/2	74-3/4	37-1/4	6	6
1x2	26-1/4	49-1/4	4	0	3x2	74-3/4	49-1/4	12	0
1x2-1/2	26-1/4	60-7/8	4	2	3x2-1/2	74-3/4	60-7/8	12	6
1x3	26-1/4	72-7/8	6	0	3x3	74-3/4	72-7/8	18	0
1x3-1/2	26-1/4	84-5/8	6	2	3x3-1/2	74-3/4	84-5/8	18	6
1x4	26-1/4	96-1/2	8	0	3x4	74-3/4	96-1/2	24	0
1x4-1/2	26-1/4	108-1/8	8	2	3x4-1/2	74-3/4	108-1/8	24	6
1x5	26-1/4	120-7/8	10	0	3x5	74-3/4	120-7/8	30	0
1x5-1/2	26-1/4	131-3/4	10	2	3x5-1/2	74-3/4	131-3/4	30	6
1x6	26-1/4	143-3/4	12	0	3x6	74-3/4	143-3/4	36	0
1-1/2x1	38-1/2	25-5/8	3		3-1/2x1	87	25-5/8	6	6
1-1/2x2	38-1/2	49-1/4	6		3-1/2x2	87	49-1/4	12	12
1-1/2x3	38-1/2	72-7/8	9		3-1/2x3	87	72-7/8	18	18
1-1/2x4	38-1/2	96-1/2	12		3-1/2x4	87	96-1/2	24	24
1-1/2x5	38-1/2	120-1/8	15		3-1/2x5	87	120-1/8	30	30
1-1/2x6	38-1/2	143-3/4	18		3-1/2x6	87	143-3/4	12	12
2x1	50-1/2	25-5/8	4	0	4x1	99	25-5/8	8	0
2x1-1/2	50-1/2	37-1/4	4	4	4x1-1/2	99	37-1/4	8	8
2x2	50-1/2	49-1/4	8	0	4x2	99	49-1/4	16	0
2x2-1/2	50-1/2	60-7/8	8	4	4x2-1/2	99	60-7/8	16	8
2x3	50-1/2	72-7/8	12	0	4x3	99	72-7/8	24	0
2x3-1/2	50-1/2	84-5/8	12	4	4x3-1/2	99	84-5/8	24	8
2x4	50-1/2	96-1/2	16	0	4x4	99	96-1/2	32	0
2x4-1/2	50-1/2	108-1/8	16	4	4x4-1/2	99	108-1/8	32	8
2x5	50-1/2	120-7/8	20	0	4x5	99	120-7/8	40	0
2x5-1/2	50-1/2	131-3/4	20	4	4x5-1/2	99	131-3/4	40	8
2x6	50-1/2	143-3/4	24	0	4x6	99	143-3/4	48	0

- All dimensions are outside dimensions and are noted in foot or half-foot increments.
- Dimensions are calculated based on specification of nominal size 24 x 24 filters.
- Contact factory for other size data.



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