

# Classic Air Intake Filters & Tank Vents

Series B10 - Enameled Carbon Steel w/Weather Hoods

Series B12 - 304 Stainless Steel w/Weather Hoods

- Intake Air Flows to 20,000 CFM
- Exceptionally Low  $\Delta P$  Design
- 304SS Throat Safety Cages Std.
- Rugged Enameled Steel Construction

Series B10 & B12 air intake filters provide superior protection for compressors, blowers, turbines, engines, and other air handling equipment. They are fabricated from heavy gauge enameled steel. Series B12 corrosion resistant weather hoods reject rain and snow in coastal environments. They are also well suited for service in food processing installations serving pneumatic blowers. Any of the 20 standard models can be modified at your request to more exactly fit your needs.

## • Connection Sizes from 2" to 24"

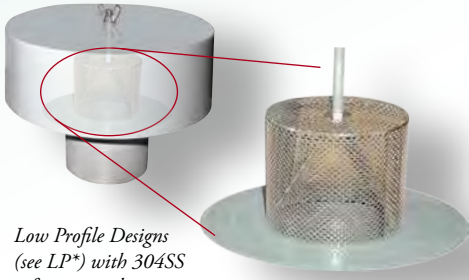
Male NPT (MT) or flat face flanges (FF) are std. Flanges match diameter & drilling for 150# ANSI standard. Specify optional right angle base (AF) for side mounts, female NPT (FT), bevel (BV) or plain cut (PE) stub necks where you wish to weld in place. Increased or decreased connections are also optionally available on any model.

## • Choice of Filter Elements

These textile media filter elements are unsurpassed for low  $\Delta P$ , high dirt holding capacity and exceptional efficiency. Unlike paper media they cannot rip or tear. These elements have no catastrophic mode of failure. They handle moisture, vibration, poor handling, and rugged service with ease. They stop airborne particulates and other contaminants before they can sneak into a compressor, blower, or turbine to do abrasion or varnish damage. The table below shows the favorite 10 $\mu$  standard filter element. In addition, we offer a wide range of alternative filter elements that can serve your specific needs if a finer micron retention, or specific operating conditions exist.



Cap style cover std in OD of 20" and larger. Access handles are standard on models with OD of 12" and larger.

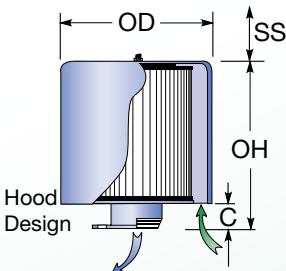


Low Profile Designs (see LP\*) with 304SS safety screen shown. Safety screen is std. on all B10 models. Filter element is not shown in this illustration.

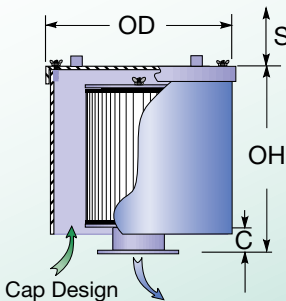
Consult us for use with reciprocating compressors.

Housing Model Number	Typical CFM	Standard Outlet		Cover Style	Approximate Dimensions in Inches				Approx Wgt Lbs.	Element Number
		Size	Type		OH	OD	C	Service Space		
B10-0400-MT-005	12	1/2"	Male NPT	Hood	6 1/2"	4"	2"	4 1/4"	1.3	321-3419K5
B10-0400-MT-007	18	3/4"	Male NPT	Hood	6 1/2"	4"	2"	4 1/4"	1.3	321-3419K5
B10-0400-MT-010	25	1"	Male NPT	Hood	6 1/2"	4"	2"	4 1/4"	1.3	321-3419K5
LP* B10-0416-MT-005	12	1/2"	Male NPT	Hood	4 1/2"	6 1/4"	2"	2 1/4"	1.3	321-3420K5
LP* B10-0416-MT-007	18	3/4"	Male NPT	Hood	4 1/2"	6 1/4"	2"	2 1/4"	1.3	321-3420K5
LP* B10-0416-MT-010	25	1"	Male NPT	Hood	4 1/2"	6 1/4"	2"	2 1/4"	1.3	321-3420K5
B10-0401-MT-012	40	1 1/4"	Male NPT	Hood	6 1/2"	4 1/2"	2"	4 1/4"	2.5	321-3421K5
LP* B10-0417-MT-012	40	1 1/4"	Male NPT	Hood	4 1/2"	6 1/4"	2"	2 1/4"	2.5	321-3422K5
B10-0402-MT-015	65	1 1/4"	Male NPT	Hood	6 1/2"	5 1/2"	2"	4 1/4"	2.5	321-3423K5
LP* B10-0418-MT-015	65	1 1/2"	Male NPT	Hood	4 1/2"	7 1/2"	2"	2 1/4"	2.5	321-3424K5
B10-0403-MT-020	90	2"	Male NPT	Hood	8 1/2"	6"	2"	6 1/4"	3.8	321-3425K5
LP* B10-0419-MT-020	90	2"	Male NPT	Hood	6 1/8"	8"	2"	4"	3.8	321-3426K5
B10-0404-MT-030	200	3"	Male NPT	Hood	11 1/2"	8 1/4"	3"	8 1/4"	3.8	321-3427K5
LP* B10-0420-MT-030	200	3"	Male NPT	Hood	8 1/8"	10 1/2"	3"	5"	3.8	321-3428K5
B10-0405-MT-040	350	4"	Male NPT	Hood	11 1/2"	10"	3"	8 1/4"	17.5	321-3429K5
LP* B10-0421-MT-040	350	4"	Male NPT	Hood	8 1/8"	12 3/4"	3"	5"	17.5	321-3430K5
B10-0406-MT-050	800	5"	Male NPT	Hood	16 1/2"	12 3/4"	4"	12 1/4"	22.5	321-3431K5
B10-0406-FF-050	800	5"	Plate Flg	Hood	16 1/2"	12 3/4"	4"	12 1/4"	22.5	321-3431K5
LP* B10-0422-MT-050	800	5"	Male NPT	Hood	11 1/4"	15"	3"	8 1/4"	18.8	321-3432K5
LP* B10-0422-FF-050	800	5"	Plate Flg	Hood	11 1/4"	15"	3"	8 1/4"	18.8	321-3432K5
B10-0409-FF-100	950	6"	Male NPT	Hood	16 1/2"	14 1/2"	4"	8 1/4"	22.5	321-3433K5
B10-0407-FF-060	950	6"	Plate Flg	Hood	16 1/2"	14 1/2"	4"	12 1/4"	22.5	321-3433K5
LP* B10-0423-MT-060	950	6"	Plate Flg	Hood	11 1/4"	16 3/4"	3"	8 1/4"	18.8	321-3434K5
LP* B10-0423-FF-060	950	6"	Plate Flg	Hood	11 1/4"	16 3/4"	3"	8 1/4"	18.8	321-3434K5
B10-0408-FF-080	1800	8"	Plate Flg	Hood	16 1/2"	18"	4"	8 1/4"	43.8	321-3410K5
B10-0409-FF-100	3000	10"	Plate Flg	Cap	27 1/2"	21"	6"	18 1/4"	75.0	321-3411K5
B10-0410-FF-120	3500	12"	Plate Flg	Cap	27 1/2"	24"	6"	18 1/2"	125.0	321-3412K5
B10-0411-FF-140	4800	14"	Plate Flg	Cap	33 1/2"	26"	6"	24 1/2"	137.5	321-3413K5
B10-0412-FF-160	6000	16"	Plate Flg	Cap	33 1/2"	29"	6"	24 1/2"	187.5	321-3414K5
B10-0413-FF-180	7000	18"	Plate Flg	Cap	33 1/2"	32 1/2"	6"	24 1/2"	218.8	321-3415K5
B10-0414-FF-200	10000	20"	Plate Flg	Cap	33 1/2"	36"	6"	24 1/2"	337.5	321-3416K5
B10-0415-FF-240	13000	24"	Plate Flg	Cap	33 1/2"	42"	6"	24 1/2"	412.5	321-3417K5

Note: LP denotes our Low Profile style housings. See typ.  $\Delta P$  vs. Flow at chart on facing page >>



Rugged one piece 11 gauge enameled steel weather hoods, or cap assemblies on larger sizes resist damage from abuse common in industrial locations.



Alternate connection styles are readily available.