

Economy Air Intake Filters & Tank Vents

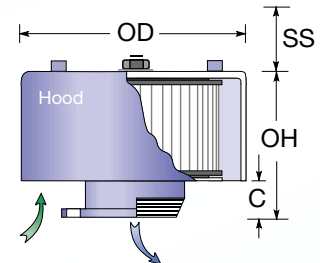
Series B70 - Enameled Carbon Steel



Economy filter housings employ lighter gauge steel construction and do not include the 304SS safety cages.

- Air Flows to 20,000 CFM
- Weather Hoods
- Enameled Steel Construction
- Connection Sizes from ½" to 24"

Series B70 Air Intake Filters are similar to series B10, but use a lighter gauge hood assembly (caps are available on the B10 models) and do not include throat safety cages. This design more closely matches competitive OEM equipment at value oriented prices. However, these housings will accept the same premium quality textile filter elements as the B10, B50 and other housing series. Models (not listed) are also available to accept many competitive filter element sizes, please give us a call.



Service Handles Std. on Models 18" OD & Larger

Consult us for use with reciprocating compressors.



A B70 filter shown cut away to illustrate an optional "K200" woven wire mesh filter element inside. Like K5 elements, K200 elements can be used dry for high flow services (K200 dry is 750µ), or when wetted with ordinary motor oil K200 can perform at down to 10µ retention in normal installation conditions. See page 30 for a list of optional filter media and connection style alternatives for these filters.

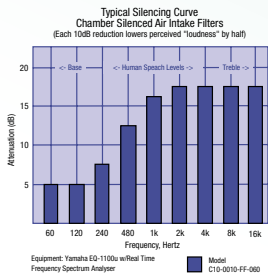
Housing Model Number	Typical CFM	Standard Outlet		Cover Style	Approximate Dimensions in Inches			Service Space	Approx Wgt Lbs.	Element Number
		Size	Type		OH	OD	C			
B70-0400-MT-005	12	½"	Male NPT	Hood	6½"	4"	2"	4¼"	1	321-3394K5
B70-0400-MT-007	18	¾"	Male NPT	Hood	6½"	4"	2"	4¼"	1	321-3394K5
B70-0400-MT-010	25	1"	Male NPT	Hood	6½"	4"	2"	4¼"	1	321-3394K5
LP* B70-0416-MT-005	12	½"	Male NPT	Hood	4½"	6¼"	2"	2¼"	1	321-3395K5
LP* B70-0416-MT-007	18	¾"	Male NPT	Hood	4½"	6¼"	2"	2¼"	1	321-3395K5
LP* B70-0416-MT-010	25	1"	Male NPT	Hood	4½"	6¼"	2"	2¼"	1	321-3395K5
B70-0401-MT-012	40	1¼"	Male NPT	Hood	6½"	4½"	2"	4¼"	2	321-3396K5
LP* B70-0417-MT-012	40	1¼"	Male NPT	Hood	4½"	6¼"	2"	2¼"	2	321-3397K5
B70-0402-MT-015	65	1½"	Male NPT	Hood	6½"	5½"	2"	4¼"	2	321-3398K5
LP* B70-0418-MT-015	65	1½"	Male NPT	Hood	4½"	7½"	2"	2¼"	2	321-3399K5
B70-0403-MT-020	90	2"	Male NPT	Hood	8½"	6"	2"	6¼"	3	321-3400K5
LP* B70-0419-MT-020	90	2"	Male NPT	Hood	6½"	8"	2"	4"	3	321-3401K5
B70-0404-MT-030	200	3"	Male NPT	Hood	11½"	8¼"	3"	8¼"	3	321-3402K5
LP* B70-0420-MT-030	200	3"	Male NPT	Hood	8½"	10½"	3"	5"	3	321-3403K5
B70-0405-MT-040	350	4"	Male NPT	Hood	11½"	10"	3"	8¼"	14	321-3404K5
LP* B70-0421-MT-040	350	4"	Male NPT	Hood	8½"	12¾"	3"	5"	14	321-3405K5
B70-0406-MT-050	800	5"	Male NPT	Hood	16½"	12¾"	4"	12¼"	18	321-3406K5
B70-0406-FF-050	800	5"	Plate Flg	Hood	16½"	12¾"	4"	12¼"	18	321-3406K5
LP* B70-0422-MT-050	800	5"	Male NPT	Hood	11¼"	15"	3"	8¼"	15	321-3407K5
LP* B70-0422-FF-050	800	5"	Plate Flg	Hood	11¼"	15"	3"	8¼"	15	321-3407K5
B70-0407-MT-060	950	6"	Male NPT	Hood	16½"	14½"	4"	12¼"	18	321-3408K5
B70-0407-FF-060	950	6"	Plate Flg	Hood	16½"	14½"	4"	12¼"	18	321-3408K5
LP* B70-0423-MT-060	950	6"	Plate Flg	Hood	11¼"	16¾"	3"	8¼"	15	321-3409K5
LP* B70-0423-FF-060	950	6"	Plate Flg	Hood	11¼"	16¾"	3"	8¼"	15	321-3409K5
B70-0408-FF-080	1800	8"	Plate Flg	Hood	16½"	18"	4"	12¼"	35	321-3410K5
B70-0409-FF-100	3000	10"	Plate Flg	Hood	24½"	21"	6"	18½"	60	321-3411K5
B70-0410-FF-120	3500	12"	Plate Flg	Hood	24½"	24"	6"	18½"	100	321-3412K5
B70-0411-FF-140	4800	14"	Plate Flg	Hood	30½"	26"	6"	24½"	110	321-3413K5
B70-0412-FF-160	6000	16"	Plate Flg	Hood	30½"	29"	6"	24½"	150	321-3414K5
B70-0413-FF-180	7000	18"	Plate Flg	Hood	30½"	32½"	6"	24½"	175	321-3415K5
B70-0414-FF-200	10000	20"	Plate Flg	Hood	30½"	36"	6"	24½"	270	321-3416K5
B70-0415-FF-240	13000	24"	Plate Flg	Hood	30½"	42"	6"	24½"	330	321-3417K5

Note: LP denotes our Low Profile style housings. See typ. ΔP vs. Flow data on chart at facing page.

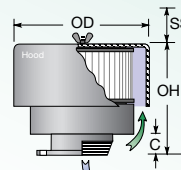
Chamber Silenced Air Intake Filters

Series C10 - Enameled Steel w/Hood • Series C12 - 304 Stainless Steel w/Hood
 Series C50 - Enameled Steel w/o Hood • Series C52 - 304 Stainless Steel w/o Hood

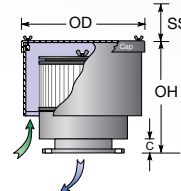
- Air Flows to 20,000 CFM
- C10 & C50 Enameled Steel Construction
- C12 & C52 304 Stainless Steel
- Optional Access Handles
- 304SS Throat Safety Cages Std.
- Connection Sizes from ½" to 24"



Series C10 & C12 Air Intake Filters add a sound attenuation chamber to the design of the B10 & B12. Two sound absorption cylinders combine with a single side baffle and a synthetic acoustical pack to reduce undesirable sound escaping from the equipments air inlet. The straight flow path limits unwanted pressure drop.



Models w/Caps have stud & wing nut closures.



Series C10 w/hood, C50 w/o hood, and a C10 with "AF" angle flanged connection selection. Access Handles Standard on Models with OD 12" and greater.

Consult us for use with reciprocating compressors.

C__-0010-FF-060 *Sparks Filter Catalog Numbers.

- Connection Size:** Std. outlets allow for min. ΔP. Smaller connections will reduce flow. Change the last three digits, i.e: 6" = 060, 22" = 220, 3 1/2" = 035, etc.
- Connection Type:** MPT = Male NPT, FF = Std Plate Flange, others available.
- Model Designation:** See Housing Table.
- Series Designation:** Enter 2 Digits following the "C" of the model number, see below:
 C10 for enameled steel w/ weather hood
 C12 for 304 stainless steel w/weather hood
 C50 for enameled steel w/top plate only (indoor use)
 C52 for 304 stainless steel w/top plate only (indoor use).

Housing Model No. *	Typical Flow CFM	Std. Outlet Size	Std. Outlet Type	Cover Style	Approx. Dimens, in.				Wgt. lbs.	Select One Filter Element*			
					OH	OD	C	Serv. Space		Economy 10μ	Classic 10μ	High Eff. 4μ	Super 2μ
C__-0003-MT-005	10	½"	M	Hood	10"	6½"	2"	5"	6	321-2181K5	321-2081K5	321-2081K7	321-2081K51
C__-0003-MT-007	15	¾"	M	Hood	10"	6¾"	2"	5"	6	321-2181K5	321-2081K5	321-2081K7	321-2081K51
C__-0003-MT-010	25	1"	M	Hood	10"	6¾"	2"	5"	6	321-2181K5	321-2081K5	321-2081K7	321-2081K51
C__-0005-MT-012	40	1¼"	M	Hood	10"	6¾"	2"	5"	6	321-2182K5	321-2082K5	321-2082K7	321-2082K51
C__-0005-MT-015	55	1½"	M	Hood	10"	6¾"	2"	5"	6	321-2182K5	321-2082K5	321-2082K7	321-2082K51
C__-0006-MT-020	90	2"	M	Hood	14"	6¾"	2"	8"	10	321-2183K5	321-2083K5	321-2083K7	321-2083K51
C__-0007-MT-030	200	3"	M	Hood	19"	10¾"	3"	11"	45	321-2184K5	321-2084K5	321-2084K7	321-2196K51
C__-0008-MT-040	350	4"	M	Hood	19"	12¾"	3"	11"	60	321-2185K5	321-2085K5	321-2085K7	321-2197K51
C__-0009-FF-050	550	5"	Flg	Hood	29"	16"	4"	11"	75	321-2186K5	321-2086K5	321-2086K7	321-2198K51
C__-0010-FF-060	800	6"	Flg	Hood	29"	16"	4"	16"	80	321-2187K5	321-2087K5	321-2087K7	321-2199K51
C__-0011-FF-080	1500	8"	Flg	Hood	29"	20"	4"	16"	130	321-2188K5	321-2088K5	321-2088K7	321-2200K51
C__-0012-FF-100	2400	10"	Flg	Cap	33"	24"	6"	16"	210	321-2189K5	321-2089K5	321-2089K7	321-2201K51
C__-0013-FF-120	3400	12"	Flg	Cap	43"	26"	6"	21"	340	321-2190K5	321-2090K5	321-2090K7	321-2202K51
C__-0014-FF-140	4100	14"	Flg	Cap	43"	28"	6"	21"	450	321-2191K5	321-2091K5	321-2091K7	321-2203K51
C__-0015-FF-160	5400	16"	Flg	Cap	43"	32"	6"	21"	550	321-2192K5	321-2092K5	321-2092K7	321-2204K51
C__-0016-FF-180	7000	18"	Flg	Cap	46"	36"	6"	25"	750	321-2193K5	321-2093K5	321-2093K7	321-2205K51
C__-0017-FF-200	8500	20"	Flg	Cap	48"	36"	6"	25"	800	321-2194K5	321-2094K5	321-2094K7	321-2206K51
C__-0018-FF-240	12,000	24"	Flg	Cap	48"	44"	6"	25"	900	321-2195K5	321-2095K5	321-2095K7	321-2207K51

