

Accordion Style Air Intake Filters

*Superior Performance
 In Handling The Pulse
 Flow of Reciprocating
 Compressors*

Series A10, A30, A40, A50 - Enameled Carbon Steel

Series A12, A32, A42, A52 - 304 Stainless Steel



Series A10
Filter W/Weather Hood



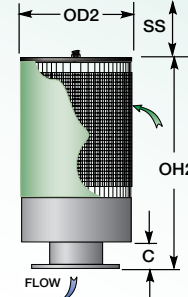
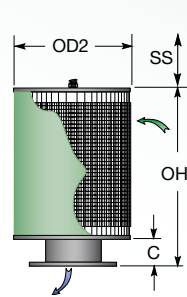
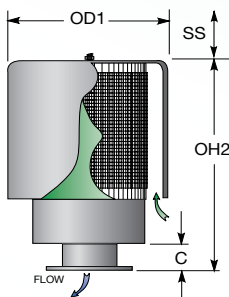
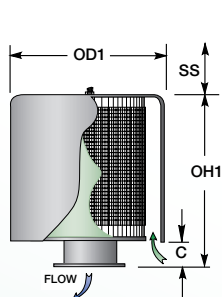
Series A30
Filter Silencer W/Weather Hood



Series A40
Filter W/Top



Series A50
Filter Silencer W/Top



- Intake Air Flows to 6,700 CFM
- Low $\Delta P \leq 3"$ W.C.
- 304SS Throat Safety Cages Std.
- Enameled Steel Construction

Series A10, A30, A40, & A50 air intake filters offer time honored protection for compressors, blowers, turbines, engines, and other air handling equipment. They are fabricated from heavy gauge enameled steel. Weather hoods on models A10 & A30 reject rain and snow. Any standard models can be modified at your request to more exactly fit your needs.

• **Connection Sizes 4" to 30"**

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, (FT) for female NPT, (BE) for bevel or (PE) for square cut that match nominal pipe ODs, or (TE) for square cut that match actual tube ODs. Increased or decreased connections sizes are also optional on any model.

• **Accordion Elements w/Prefilter**

These washable pleated textile media elements are rugged performers. They have very high dirt holding capacity and high efficiency. In each unit, a single accordion filter element is placed over the housing's fixed perforated center tube. The "accordion" element is cinched in place with a supplied retaining strap (not shown), and is then wrapped with a 90µ prefilter blanket (not shown). Permanent housing gaskets (not shown) seal each end of the filter element.



A__ - 0105 - FF - 060 *Sparks Filter Catalog Numbers.
 Connection Size: Std. outlets allow for min. ΔP . Smaller connections reduce flow. Change the last three digits, i.e: 6" = 060, 22" = 220, 3 1/2" = 035, etc.
 Connection Type: MT = Male NPT, FF = Plate Flange, others available.
 Model Designation: See Specifications below.
 Series Designation: Designate

- A10 for enameled steel filter with weather hood
- A12 for 304SS filter w/weather hood
- A30 for enameled steel filter silencer with weather hood
- A32 for 304SS filter silencer w/weather hood
- A40 for enameled steel filter with top only (indoor use)
- A42 for 304SS filter with top only (indoor use)
- A50 for enameled steel filter silencer with top only (indoor use)
- A52 for 304SS filter silencer with top only (indoor use)



See Chart above to fill in the A__ Series Designation, or to change the connection type or size.

*Housing Model No. (Enter the 4 opt. series digits, see above)	Typical CFM	Standard Outlet		Opt. Outlet Size, in.	Dimensions, in.					Approx Wgt Lbs.				Filter Element Number	
		Size	Type		OH1	OH2	OD1	OD2	C	Service Space	Series A10-	Series A30-	Series A40-		Series A50-
A__ -0008-MT-040	185	4"	MPT	5,6	13	17	10½	8½	3	9	20	40	15	35	324-4603WK5
A__ -0085-MT-040	280	4"	MPT	5,6	17	23	10½	8½	3	13	30	50	20	40	324-4606WK5
A__ -0105-FF-060	420	6"	FLG	8	20½	28	14½	10½	3	16½	40	65	30	55	324-4604WK5
A__ -0125-FF-080	580	8"	FLG	10	24	33	16½	12½	4	19	55	90	40	75	324-4610WK5
A__ -0145-FF-100	800	10"	FLG	12	27	37½	18½	14½	4	22	70	110	50	90	324-4601WK5
A__ -0018-FF-100	1085	10"	FLG	12,14,16	24	33	24½	18½	4	19	100	150	80	130	324-4609WK5
A__ -0185-FF-100	1630	10"	FLG	12,14,16	33	46½	24½	18½	4	28	120	180	90	150	324-4607WK5
A__ -0022-FF-140	1890	14"	FLG	16,18,20	40	51	32½	22½	6	23	150	210	115	175	324-4602WK5
A__ -0225-FF-140	2835	14"	FLG	16,18,20	41	57½	32½	22½	6	34	200	320	150	270	324-4615WK5
A__ -0245-FF-140	3500	14"	FLG	16,18,20,22	43	61	36½	24½	6	37	300	380	240	320	324-4616WK5
A__ -0285-FF-200	4780	20"	FLG	22,24,26	47	66½	42	28½	6	40	400	520	330	450	324-4614WK5
A__ -0325-FF-240	5700	24"	FLG	26,30	47	66½	47	32½	6	40	450	690	360	600	324-4617WK5
A__ -0365-FF-260	6650	26"	FLG	30	47	66½	51½	36½	6	40	470	760	370	660	324-4618WK5



<- Filter element has no center core and is "stretched" into place over fixed core in housing.

<- Housing has fixed 58% open area perforated center tube to support filter element. (Housing gaskets, cinch strap, & prefilter wrap not shown)