

Honeyville

SF Series Shaker Filter



8 Sizes - Ranging from 204 to 920 Sq. Ft. of Cloth Area



SF SERIES SHAKER FILTERS

Side or end inlet options

Standard lifting lug on all 4 corners

Open, exposed filter bag area for indoor applications

Motorized shaker mechanism with protective cover

Low profile hopper shown with no-tool removal clean-out covers

10.5 oz polyester knit seamless bags



Features

- Available in 8 models, ranging from 30 bags to 96 bags, with bag lengths of 62-1/4" or 88-1/4"
- All galvanized, bolted construction using 14 Ga. and 16 Ga. panels and 12 Ga. cell plates
- 5" Diameter, 10.5 oz polyester knit seamless bags
- Can be installed indoors or outdoors



OPTIONS

Assembly Arrangements:

- ❖ Open—Open bag area with no side panels for indoor installations
- ❖ Enclosed—Totally enclosed unit with side panels for outdoor installations
 - Clean air can be vented outside or returned indoors

Dust Storage Hoppers:

- ❖ Low Profile Hopper—Low profile hopper with no-tool removal clean-out doors, as shown on the left (standard)
- ❖ Hopper for Barrels—Sloping hopper on extended legs with 55 gallon barrel kits (optional)
- ❖ Hopper for Bags—Sloping hopper on extended legs with plastic collection bags (optional)

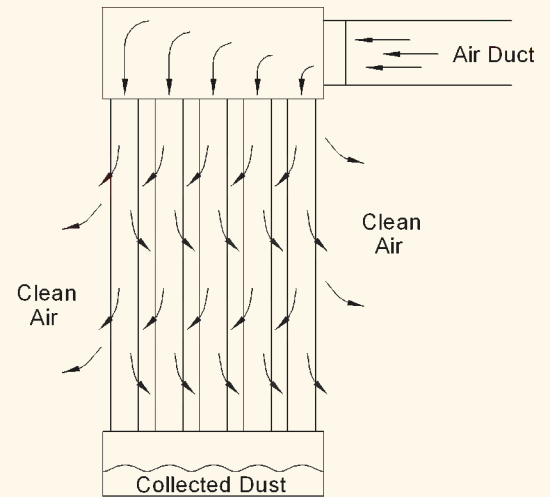
Bag Shaker Options:

- ❖ Manual—The manual shaker can only be used on open bag area units
- ❖ Motorized—Motorized shaker, powered by 120 VAC, with timer control package
- ❖ An air motor is available for applications where electrical service is not available

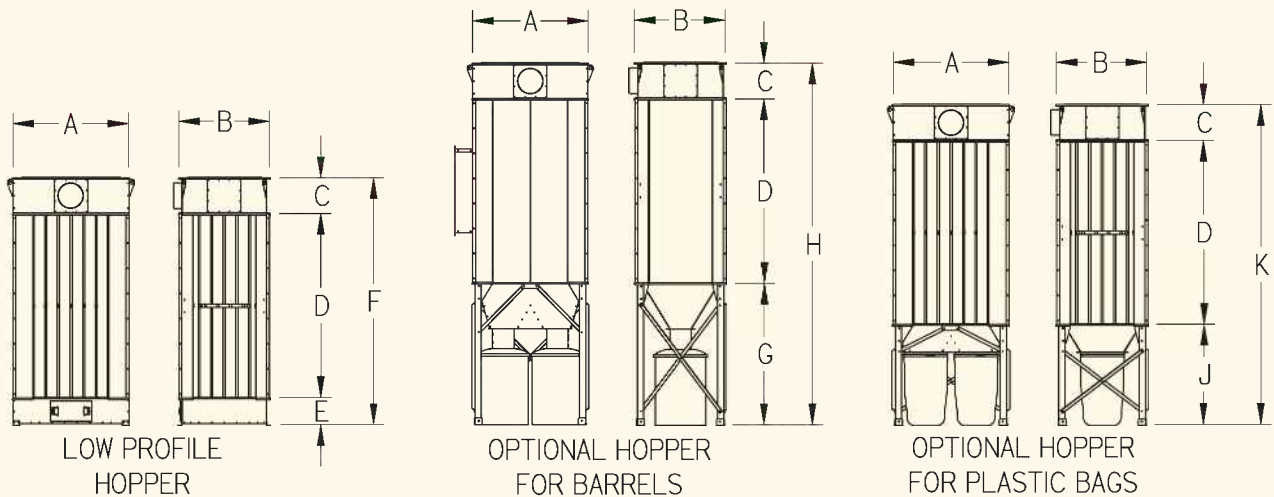


PRINCIPLES OF OPERATION

The Honeyville Shaker Filter ("SF") Series is designed for use as an after filter for vent air from a primary cyclone. Some light dust applications allow the SF Series to be connected directly to a fan outlet serving as a primary filter. Dust laden air enters the top chamber through the inlet opening, travels down into the cloth filter bags, and passes out through the filter fabric. The dust particles are trapped and collected on the inside of the filter bags while clean air is released out through the filter bags. Dust particles as small as 1 micron can be removed from the air stream. A manual or automated shake of the filter bags after each shift of operation releases the dust buildup from the inside of the filter bags causing it to drop into the hopper area. Dust can be removed via an access door in the low profile hopper or on filters with a sloped hopper dust will pass into barrels or plastic bags.



Galvanized for long life and low maintenance



Model	Sq. Feet of Cloth	Std. Inlet	A	B	C	D	E	F	G	H	J	K
SF-30S	204	10" Dia.	37-1/2"	43-1/2"	17-1/4"	62-1/4"	13"	92-1/2"	68"	147-1/2"	48"	127-1/2"
SF-30	288	12" Dia.	37-1/2"	43-1/2"	17-1/4"	88-1/4"	13"	118-1/2"	68"	173-1/2"	48"	153-1/2"
SF-48S	326	14" Dia.	55-1/2"	43-1/2"	17-1/4"	62-1/4"	13"	92-1/2"	68"	147-1/2"	48"	127-1/2"
SF-48	460	14" Dia.	55-1/2"	43-1/2"	17-1/4"	88-1/4"	13"	118-1/2"	68"	173-1/2"	48"	153-1/2"
SF-78S	530	16" Dia.	85-1/2"	43-1/2"	17-1/4"	62-1/4"	13"	92-1/2"	68"	147-1/2"	48"	127-1/2"
SF-78	748	18" Dia.	85-1/2"	43-1/2"	17-1/4"	88-1/4"	13"	118-1/2"	68"	173-1/2"	48"	153-1/2"
SF-96S	652	20" Dia.	103-1/2"	43-1/2"	17-1/4"	62-1/4"	13"	92-1/2"	68"	147-1/2"	48"	127-1/2"
SF-96	920	20" Dia.	103-1/2"	43-1/2"	17-1/4"	88-1/4"	13"	118-1/2"	68"	173-1/2"	48"	153-1/2"

Manufactured by



4200S 900W • Topeka, IN 46571
 Phone (800) 593-8377 • Fax (260) 593-2486
www.honeyvillemetal.com