



FILTERS AND BAG HOUSES

FILTER RECEIVER

The standard configuration is for a Style II high-pressure pulse jet filter using 16 oz/yd², felted Dacron polyester filter bags designed to be removed from the bottom of the tube sheet.

Features

- Compressed air header
- Rated for 8.5 PSIS Positive; 17" Hg gauge negative
- Mineral reinforced nylon bag cups and venturis
- Stainless steel bag clamps
- Diaphragm valves pre-plumbed to solenoids
- Smart-timer board with built-in LED readout, switch, and 4-20 mA output capability of differential pressure readings
- Timer and solenoids mounted in a NEMA 4 enclosure
- One each hinged food-grade side access door
- 60° hopper

Optional Features

- Stainless steel construction available upon request
- 70° hopper available
- Support structure (Up to 54" clear)
- Many different bags or cartridge options
- High temperature (375°F)*
- NEMA 7/9 enclosure
- 304 stainless steel gas contact
- Top load bags and cages



When using filter elements instead of bags, elements are 8 oz/yd², spun-bound polyester. The standard element is 45-pleat construction, with wide pleat spacing available.*

High-temperature includes paint changed to high-temp paint, bags changed to 14 oz/yd² Nomex, diaphragm valves changed to Viton™, poly-flo tubing from diaphragm to solenoids changed to copper tubing and door gasket changed to red silicone.*

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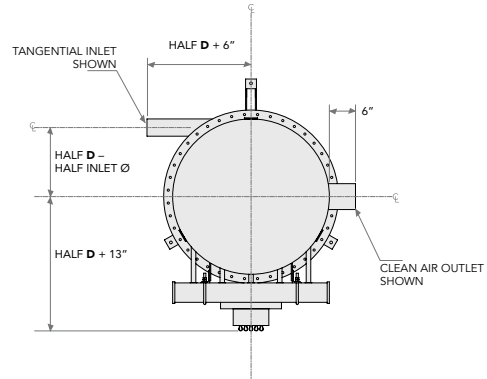
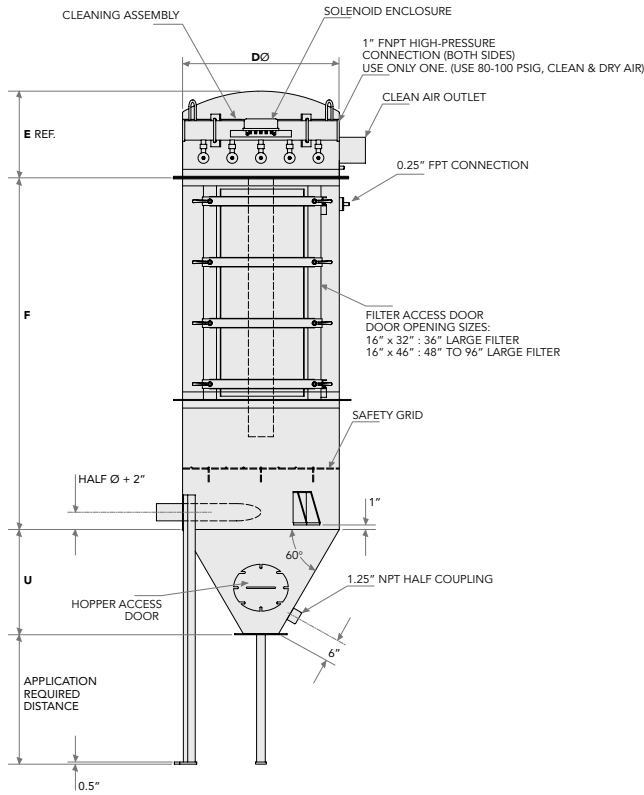


Diagram dimensions are for reference only*

Dimensions & Ordering Information

NUMBER OF BAGS	CAGE/BAG LENGTH	FILTER MODEL #	FILTER AREA (SF)-(A) BAG	45-PLEAT CARTRIDGE	EST. WEIGHT (LBS) (C)	FILTER OD (D)	PLENUM HEIGHT (E)	HOUSING HEIGHT (F)
7	36	36FR7	30.0	187.0	754	24	17	59
	48	48FR7	41.0	207.0	847			71
	60	60FR7	52.0	280.0	894			83
	72	72FR7	63.0	374.0	940			95
14	36	36FR14	60.0	374.0	1151	36	20	59
	48	48FR14	82.0	415.0	1270			71
	60	60FR14	104.0	561.0	1342			83
	72	72FR14	126.0	748.0	1415			95
21	84	84FR14	148.0	831.0	1487	44	23 1/8	107
	48	48FR21	123.0	621.0	1648			71
	60	60FR21	156.0	987.0	1735			83
	72	72FR21	189.0	1122.0	1821			95
32	84	84FR21	222.0	1246.0	1908	54	26	107
	96	96FR21	255.0	N/A	1994			119
	48	48FR32	188.0	950.0	2152			71
	60	60FR32	239.0	1282.0	2269			83
42	72	72FR32	289.0	1710.0	2386	60	28 1/8	95
	84	84FR32	339.0	1900.0	2503			107
	96	96FR32	390.0	N/A	2620			119
	48	48FR42	247.0	1246.0	2634			71
	60	60FR42	313.0	1683.0	2769			83
	72	72FR42	379.0	2244.0	2903			95
	84	84FR42	445.0	2493.0	3038			107
	96	96FR42	511.0	N/A	3173			119

# OF BAGS	DIMENSION (U) OPTION E1 THRU E8							
	AIRLOCK SIZE							
	FT7	FT9	FT11	FT12	FT14	FT16	FT18	FT22
7	15 5/8	13 15/16	13 1/16	12 3/16				
14		24 5/16	23 7/16	22 9/16	20 7/8			
21		31 1/4	30 3/8	29 1/2	27 13/16	26 15/16		
32				38 3/16	36 7/16	35 9/16	33 13/16	33
42				43 3/8	41 5/8	40 3/4	39 1/16	38 3/16

# OF BAGS	DIMENSION (U) OPTION E9 THRU E14					
	ROUND ANSI FLANGE SIZE					
	6"	8"	10"	12"	14"	16"
7	15 7/8	14 3/16	12 7/16	10 11/16		
14	26 5/16	24 9/16	22 13/16	21 1/8	19 3/8	
21		31 1/2	29 3/4	28 1/16	26 5/16	
32			38 7/16	36 11/16	34 15/16	33 1/4
42			43 5/8	41 7/8	40 1/8	38 7/16

FILTER LOCATION IN A PRESSURE TRANSFER SYSTEM



Sizes of longer cartridges may be available. Contact us with your specific application information.*



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