

BIG ROUND FILTER BRF

IMPERIAL
SYSTEMS, INC.

Imperial Systems, Inc. BRF (reverse-air baghouse) is used in a variety of applications.

Advantages

- **Superior Cleaning System**
- **Robust 7 and 10 Gauge Construction**
- **Precise, Strong Welds**
- **Designed for Reliable Performance**
- **Easy, Tool-Free Access**
- **Longer Filter Life**

Features

- 8-year warranty on cleaning mechanism
- Explosion proof electric motors in clean air plenum
- Sprinkler system in clean air plenum
- Hopper access door
- Top access, tool-free bag and cage removal
- 60° hopper
- NFPA approved explosion venting
- Factory assembled ladders and platforms
- Large access platform
- Standard design for 25" negative pressure
- Compressed air is not required
- Accommodates higher dust loads
- Direct drive cleaning system
- Minimum wear parts
- Continuous single drive shaft

Optional Features

- Variety of filter media for high temp applications and special needs
- Rotary airlocks in a variety of sizes from 8" to 24"
- Backdraft Dampers for single inlet and multi inlet applications
- High entry inlets for consistent light fine dust
- Tangential inlets for heavy loading
- Flanged construction for special installation needs or lined baghouses
- Interior linings from rubber, UHMW, epoxy, weld in abrasive resistant plate, ceramic, rhino hide

Imperial Systems, Inc. is your dust collection & air pollution control expert; from designing and installing dust collection systems to manufacturing industry leading products, engineered for outstanding quality, safety and value.

All of our products can be fabricated to meet specific needs.

300 Imperial Drive Jackson Center, PA 16133
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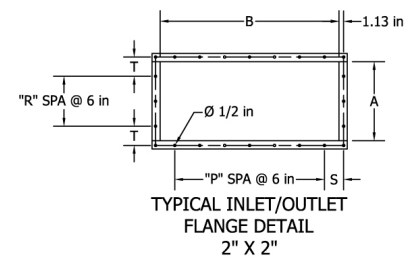
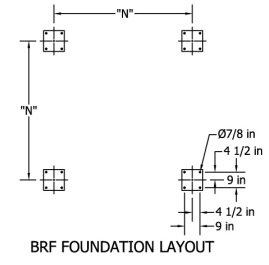
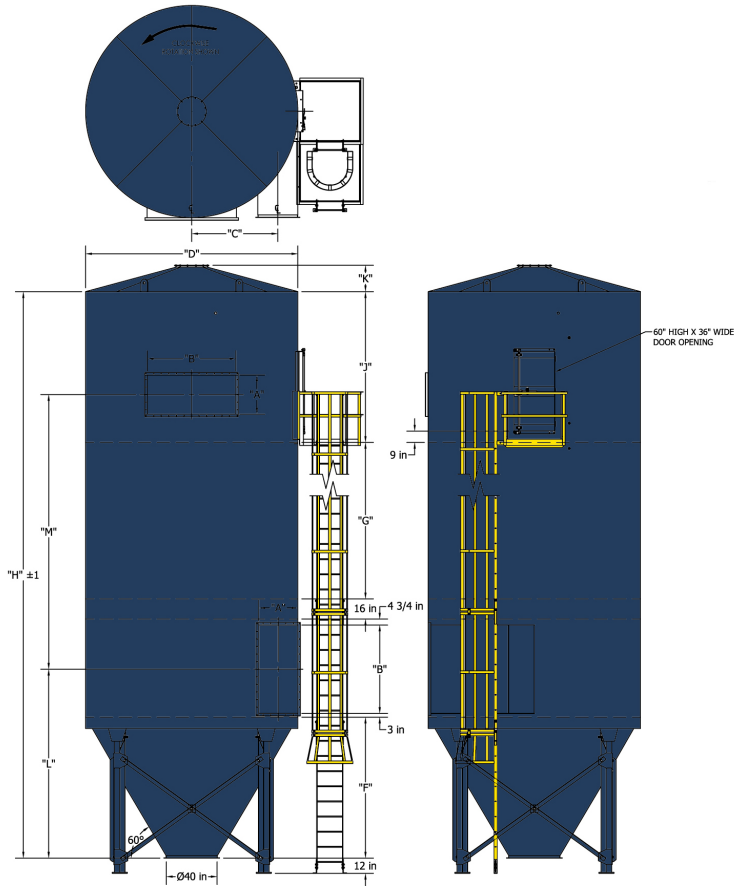
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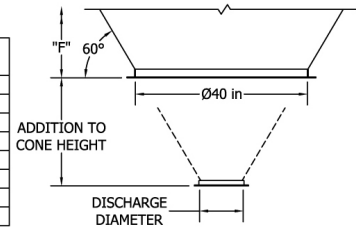
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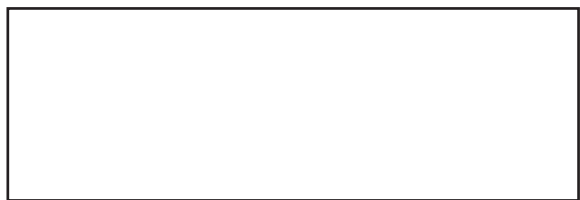
Drawings are for representation only.
Refer to certified sales drawings for accurate representation.



DISCHARGE DIAMETER	ADDITIONAL HEIGHT
Ø40 in	0
Ø24 in	13 3/8
Ø20 in	16 13/16
Ø18 in	18 9/16
Ø16 in	20 5/16
Ø14 in	22
Ø12 in	23 3/4
Ø10 in	25 1/4



MODEL PROPERTIES								FILTER DIMENSIONS																
MODEL	UNIT DIA. FT.	NO. BAGS	BAG LENGTH FT.	CLOTH AREA (SQ. FT.)	FAN HP	WT (Lbs.)	MATERIAL	A	B	C	D	F	G	H	J	K	L	M	N	P	R	S	T	V
7BRF112-8	7	112	8	1175	10	7400	10 GAUGE	18	40	33	84	39	100.00	320 3/8	108	9 11/16	60 1/2	200 3/4	54 1/2	6	2	3 1/4	4 1/4	63
7BRF112-10			10	1466		8000	10 GAUGE						124.00	355 7/8	119 1/2		224 3/4							
7BRF112-12			12	1759		8600	10 GAUGE						148.00	403 5/8	143 1/4		248 3/4							
8BRF152-8	8	152	8	1594	10	8500	10 GAUGE	21	47	37 1/2	96	49 3/8	100.00	339 3/8	108	11 5/16	74 3/8	204 1/4	63	7	2	3 5/8	5 5/8	80
8BRF152-10			10	1990		9200	10 GAUGE						124.00	374 7/8	119 1/2		228 1/4							
8BRF152-12			12	2388		9800	10 GAUGE						148.00	422 5/8	143 1/4		252 1/4							
10BRF256-8	10	256	8	2685	15	11300	10 GAUGE	24	54	48	120	70 1/8	100.00	370 3/8	108	14 1/2	98 5/8	207 3/4	80	8	3	4 1/8	4 1/8	88
10BRF256-10			10	3351		12100	10 GAUGE						124.00	405 7/8	119 1/2		231 3/4							
10BRF256-12			12	4022		13000	10 GAUGE						148.00	453 5/8	143 1/4		255 3/4							
12BRF360-8	12	360	8	3776	20	14200	3/16" PLATE	26	59	59	144	91	100.00	399 3/8	108	17 3/4	122	210 1/4	97	8	3	6 5/8	5 1/8	97
12BRF360-10			10	4712		15010	3/16" PLATE						124.00	434 7/8	119 1/2		234 1/4							
12BRF360-12			12	5656		16400	3/16" PLATE						148.00	482 5/8	143 1/4		258 1/4							
13BRF416-8	13	416	8	4364	20	16700	3/16" PLATE	29	65	63 1/2	156	101 5/16	100.00	417 3/8	108	19 3/8	135 5/16	213 1/4	105 1/2	10	4	3 5/8	3 5/8	105
13BRF416-10			10	5445		17750	3/16" PLATE						124.00	452 7/8	119 1/2		237 1/4							
13BRF416-12			12	6535		19200	3/16" PLATE						148.00	500 5/8	143 1/4		261 1/4							
14BRF496-8	14	496	8	5203	25	18000	3/16" PLATE	31	70	68 1/2	168	111 3/4	100.00	434 3/8	108	21	148 1/4	215 3/4	114	11	4	3 1/8	4 5/8	115
14BRF496-10			10	6493		19100	3/16" PLATE						124.00	469 7/8	119 1/2		239 3/4							
14BRF496-12			12	7792		20600	3/16" PLATE						148.00	517 5/8	143 1/4		263 3/4							



Proud Product Representative



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