

# 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.**

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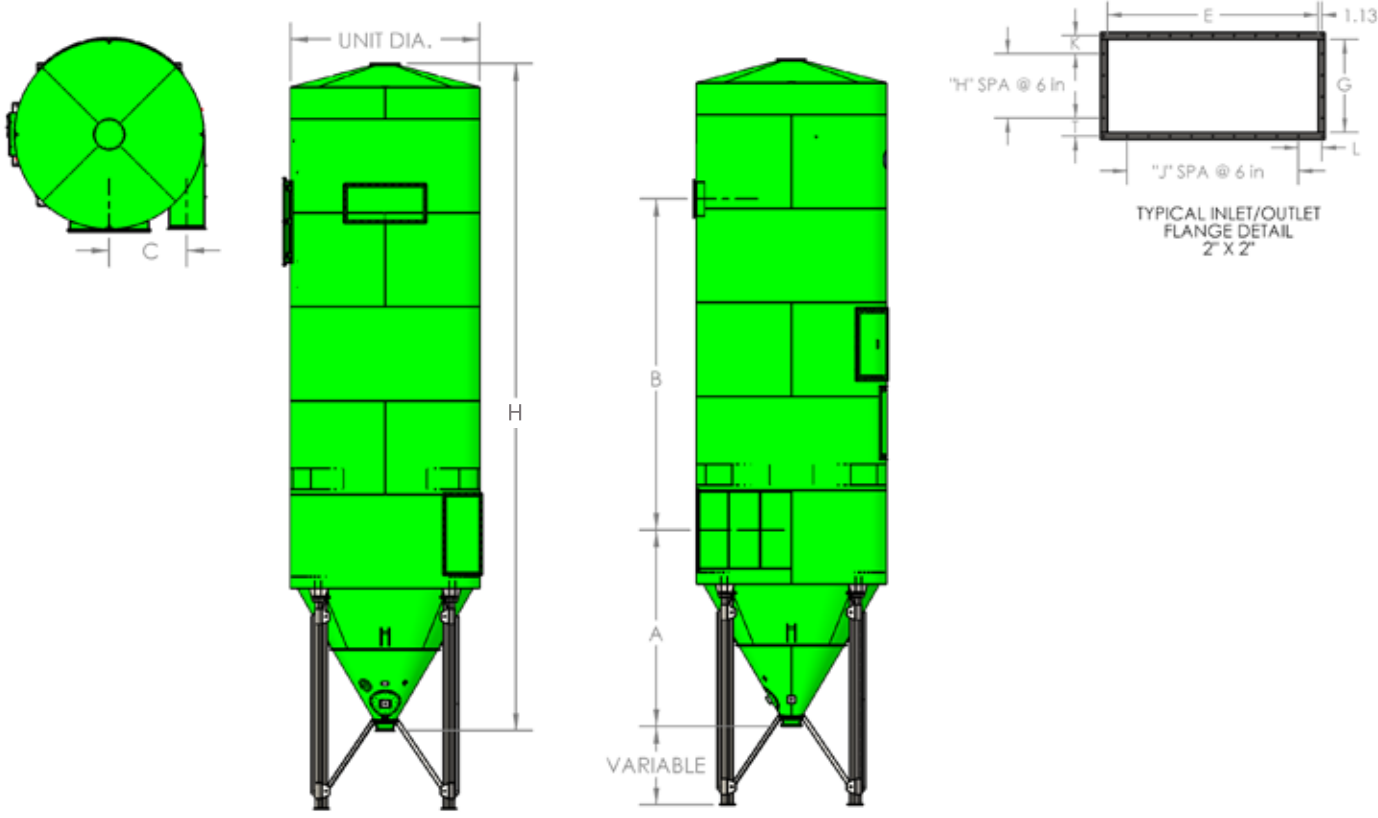
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Drawings are for representation only.  
Refer to certified sales drawings for accurate representation.



MODEL	MODEL PROPERTIES					FILTER DIMENSIONS												
	UNIT DIA. FT.	NO. BAGS	BAG LENGTH FT.	CLOTH AREA (SQ. FT.)	FAN HP	WT (Lbs.)	A	B	C	H	F	G	H	J	K	L	M	N
7BRF112-8	7	112	8	1173	10	7400	18	40	33	84	40.32	100.00	296	94	15.75	63.25	186.19	77.5
7BRF112-10			10	1466		8000						124.00	340	114			210.19	
7BRF112-12			12	1759		8600						148.00	388	138			234.19	
8BRF153-8	8	153	8	1603	10	8500	21	47	43.5	96	61.00	100.00	326	94	17.25	85.50	187.19	101.5
8BRF153-10			10	2002		9200						124.00	370	114			211.19	
8BRF153-12			12	2403		9800						148.00	418	138			235.19	
10BRF255-8	10	255	8	2672	15	11300	24	54	48.0	120	71.25	100.00	345	94	19	99.25	189.19	113.5
10BRF255-10			10	3337		12100						124.00	389	114			213.19	
10BRF255-12			12	4006		13000						148.00	437	138			237.19	
12BRF361-8	12	361	8	3783	20	14200	26	59	53.0	144	81.75	100.00	362	94	20.5	112.25	190.69	125.5
12BRF361-10			10	4725		15010						124.00	406	114			214.69	
12BRF361-12			12	5671		16400						148.00	454	138			238.69	
13BRF416-8	13	416	8	4359	20	16700	29	65	57.5	156	92.00	100.00	380	94	22	127.5	192.19	137.5
13BRF416-10			10	5445		17750						124.00	424	114			216.19	
13BRF416-12			12	6535		19200						148.00	472	138			240.19	
14BRF496-8	14	496	8	5194	25	18000	31	70	62.5	168	102.50	100.00	397	94	23.75	138.5	193.69	149.5
14BRF496-10			10	6492		19100						124.00	441	114			217.69	
14BRF496-12			12	7791		20600						148.00	489	138			241.69	



Proud Product Representative



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