

KRAEMER

"B" TYPE DUST COLLECTORS

- Low Updraft Velocity
- High Efficiency
- Primary Separation
- Secondary Separation
- Return Air available (not included)
- Use Inside or Outside
- Sizes from 5 hp to 40 hp, all voltages (single phase up to 10 hp)
- 5" polyester filter bags for fine dust
- 8" polyester filter bags for mixed dust

Standard & Arrangement 1

- Extractor fan with TEFC high efficiency motor and drives
- Electric filter shaker with TEFC motor and gear reducer(s)
- Polyester filter bags, 5" or 8" dia. (washable)
- Inlet back draft damper
- Support legs
- Drums, connector sleeves and quick disconnect clamps
- Sprinkler connection in filter cabinet
- Easy access door to filter section
- Explosion door(s) available (not included)
- OSHA guards
- Summer/Winter damper for return air line available (not included)



Arrangements 5 & 6

- Extractor fan with TEFC high efficiency motor and drives
- Electric filter shaker with TEFC motor and gear reducer(s)
- Polyester filter bags, 5" or 8" dia.
- Inlet back draft damper
- Structural steel frame
- Rotary air lock for continuous waste removal
- Sprinkler connection in filter cabinet
- Easy access door to filter section
- Explosion door(s) available (not included)
- Safety platform, railings and ladder(s)
- Bin Collection
- OSHA guards
- Fire damper available (not included)
- Summer/Winter damper for return air line available (not included)

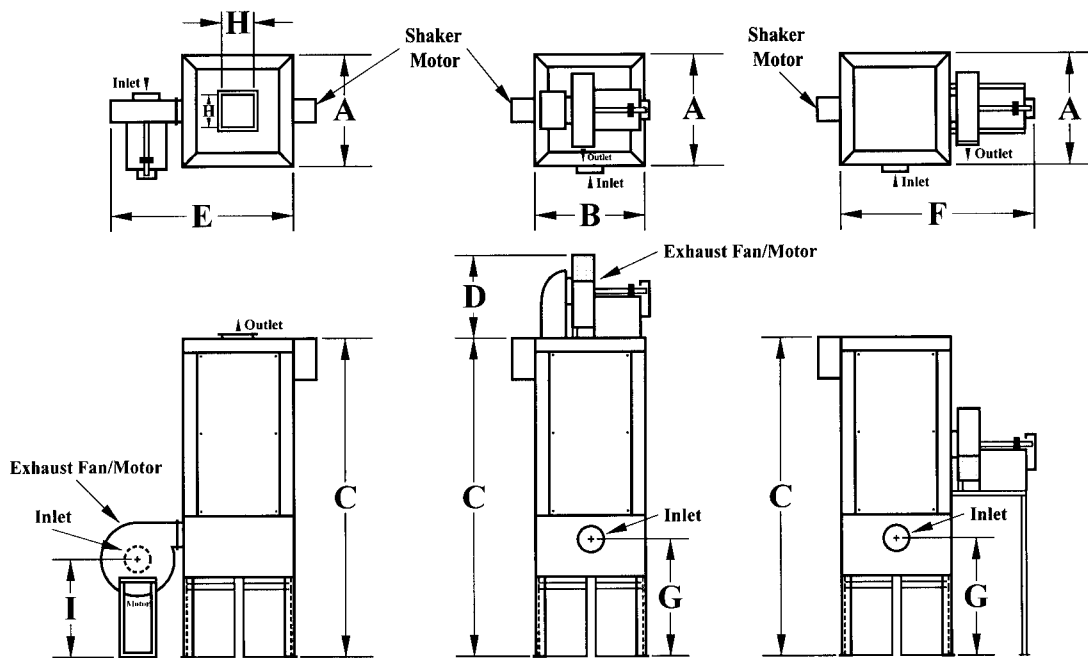


"B" TYPE DUST COLLECTORS

Standard

Arrangement 1

Arrangement 2



TYPE	CFM at 10" S.P.	FAN HP	SHAKER HP	FILTER AREA		INLET DIA.	WEIGHT APPROX. (lbs.)	NUMBER OF DRUMS	A	B	C	D	E	F	G	H	I
				8" Ø	5" Ø												
B 09	1684	5	1/2	170	210	9"	800	2	41	48	139	31	67	74	51	12	45
B 11	2600	7 1/2	1/2	245	330	11"	1200	4	48	48	139	38	79	86	51	14	40
B 13	3600	10	1/2	340	425	13"	1500	4	60	60	139	42	96	101	51	16	39
B 15	4900	15	1/2	405	550	15"	1700	4	60	60	147	48	101	106	56	18	44
B 17	6500	20	3/4	530	690	17"	2500	4	72	72	147	54	117	120	56	22	41
B 19	8152	25	3/4	685	855	19"	2600	6	84	84	147	59	135	139	56	24	38
B 21	9820	30	1	840	1010	21"	2800	6	96	96	147	69	153	158	56	26	35
B 23	12889	40	1	1406	1920	23"	3200	6	112	112	147	71	171	176	56	28	33

General Specifications

- Free standing
- Weatherproof, OSHA guards
- Heavy gauge steel construction
- Prime and finish painted
- Motors – TEFC, high efficiency
- Flexible drum sleeves with quick disconnect clamps
- Polyester filters with snap-in rings (washable)
- Hinged access door to filter section
- Sprinkler connection in filter house
- Explosion relief door available

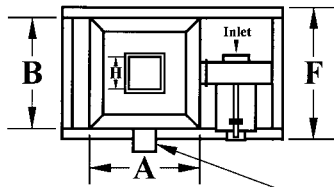
Choice of orientation for the following:

- Inlet
- Outlet
- Shaker motor

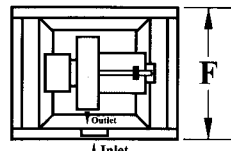
note:

- Listed dimensions are for reference only
- Certified correct drawing will be issued before construction
- We reserve the right to make technical improvements without prior notice
- CFM is less on standard and arrangements 3 & 5, due to the material handling blower wheel

Arrangement 3

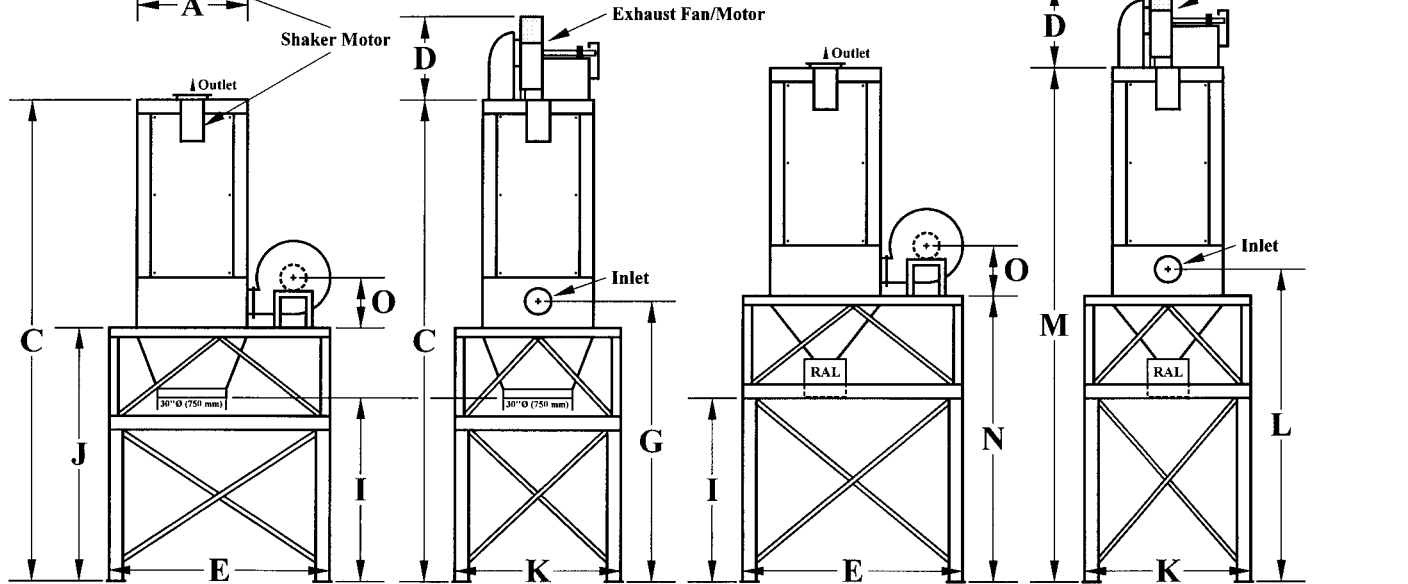


Arrangement 4



Arrangement 5

Arrangement 6



TYPE	CFM at 10" S.P.	FAN HP	SHAKER HP	FILTER AREA		INLET DIA.	WEIGHT APPROX. (lbs.)	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
				8" Ø	5" Ø																	
B 09	1684	5	1/2	170	210	9"	1200	41	48	185	31	96	50	97	12	72	86	72	124	212	113	17
B 11	2600	7 1/2	1/2	245	330	11"	1500	48	48	191	38	96	57	103	14	72	92	72	131	219	120	20
B 13	3600	10	1/2	340	425	13"	1800	60	60	203	42	108	69	115	16	72	104	96	149	237	138	23
B 15	4900	15	1/2	405	550	15"	2200	60	60	211	48	108	69	119	18	72	104	96	153	245	138	26
B 17	6500	20	3/4	530	690	17"	3000	72	72	223	54	120	81	131	22	72	116	96	167	259	152	29
B 19	8152	25	3/4	685	855	19"	3200	84	84	235	59	144	93	143	24	72	128	96	179	271	164	34
B 21	9820	30	1	840	1010	21"	3500	96	96	247	69	162	105	155	26	72	140	105	189	281	174	36
B 23	12889	40	1	1406	1920	23"	4000	112	112	263	71	183	121	171	28	72	156	121	205	297	191	39

RAL = Rotary Air Lock (Valve)

B 09 to B 11 – Size 10

Others – Size 14

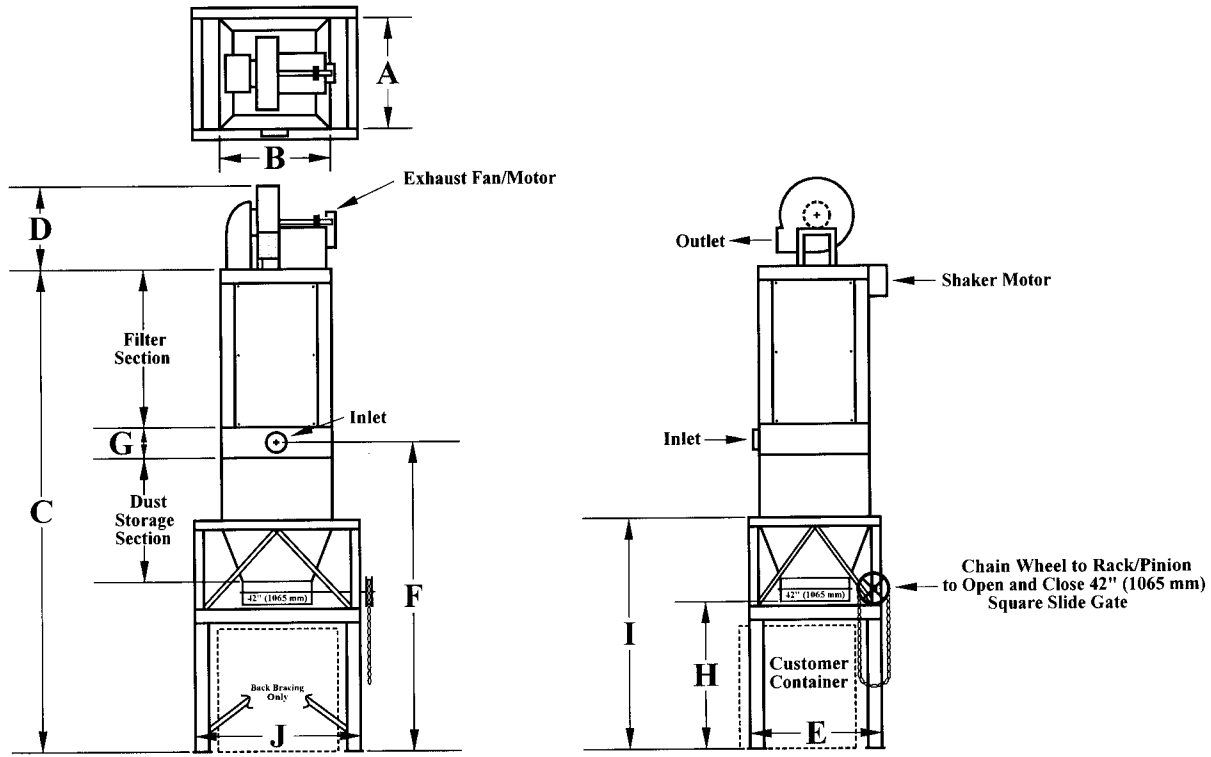
- Push in or pull through available
- Arrangement 3 and 4 come with 30" dia. outlet & sleeve to closed bin (bin not included)
- Air return line available
- Foot mounting plates 9" X 9" come with collector
- 5" polyester filter bags for fine dust
- 8" polyester filter bags for mixed dust
- OSHA guards
- Explosion door available

note:

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"B" TYPE DUST COLLECTORS

Arrangement 7



TYPE	CFM at 10" S.P.	FAN HP	SHAKER HP	FILTER AREA		INLET DIA.	WEIGHT APPROX. (lbs.)	A	B	C	D	E	F	G	H	I	J	STORAGE (ft ³)
				8" Ø	5" Ø													
B 09	1684	5	1/2	170	210	9"	1200	41	48	231	31	50	143	22	72	96	72	50
B 11	2600	7 1/2	1/2	245	330	11"	1500	48	48	237	38	57	149	22	72	102	72	70
B 13	3600	10	1/2	340	425	13"	1800	60	60	249	42	69	161	22	72	114	96	120
B 15	4900	15	1/2	405	550	15"	2200	60	60	257	48	69	165	30	72	114	96	120
B 17	6500	20	3/4	530	690	17"	3000	72	72	269	54	81	177	30	72	126	96	180
B 19	8152	25	3/4	685	855	19"	3200	84	84	281	59	93	189	30	72	138	96	270
B 21	9820	30	1	840	1010	21"	3500	96	96	293	69	105	201	30	72	150	105	370
B 23	12889	40	1	1406	1920	23"	4000	112	112	309	71	121	217	30	72	166	121	480

General Specifications

- Arrangement 7 has storage and manually operated gate
- Pull through system (fan is on clean air side)
- 5" polyester filter bags for fine dust
- 8" polyester filter bags for coarse or mixed dust
- Return air line available
- OSHA guards and drives
- Heavy gauge steel construction
- Welded and field bolted steel construction
- High efficiency motor

Choice of orientation for the following:

- Inlet
- Outlet

note:

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