

KRAEMER

Manufacturing

“PC” TYPE DUST COLLECTORS

- Very Quiet Operation
- Compact design
- High Efficiency
- Primary Separation
 - Secondary Separation
 - Return Air available (not included)
- Use Inside or Outside
- Sizes from 2 hp to 100 hp, all voltages, no single phase over 10 hp
- Summer/Winter damper for return air line available (not included)
- Silencer available (not included)

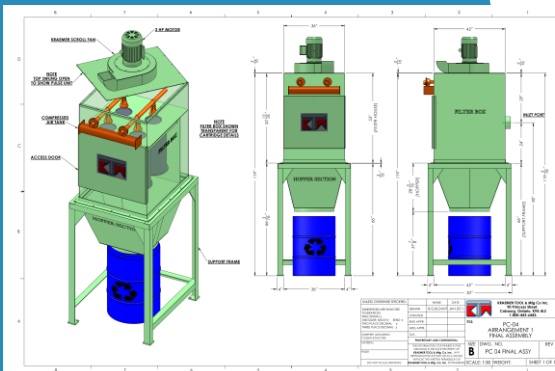
Arrangement 1

- Extractor fan with TEFC high efficiency motor and drives
- Cartridge filters and venturis
- Side inlet and material deflector, OSHA guards
- Inlet back draft damper
- Support legs
- Drums, connector sleeves and quick disconnect clamps
- Front access doors for easy filter removal
- Easy to use filter clamping system
- Pulse valves, manifold and automatic pulse controller
- Explosion door(s) available (not included)



Arrangement 2

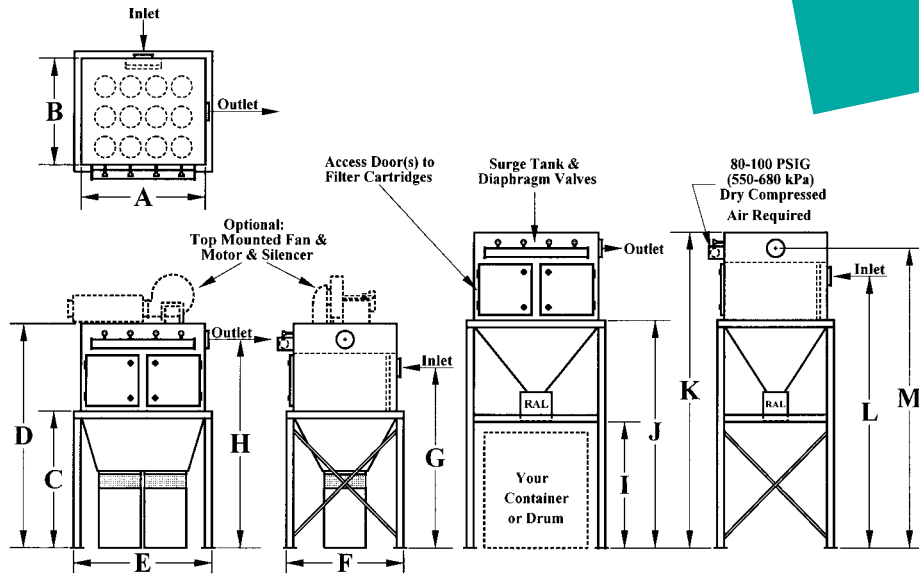
- Extractor fan with TEFC high efficiency motor and drives
- Cartridge filters and venturis
- Side inlet and material deflector, OSHA guards
- Inlet back draft damper
- Structural stand pre-assembled
- Rotary air lock for continuous waste removal
- Front access doors for easy filter removal
- Easy to use filter clamping system
- Pulse valves, manifold and automatic pulse controller
- Explosion door(s) available (not included)
- Fan on clean air side
- Safety platform, railings and ladder(s)



"PC" TYPE DUST COLLECTORS

Arrangement 1

Arrangement 2



FILTER CARTRIDGE OPTIONS			
1	Paper	154 ft ² (14.3 m ²)	26" long (660 mm)
2	Paper	225 ft ² (20.9 m ²)	26" long (660 mm)
3	Polyester Felt	35 ft ² (3.25 m ²)	26" long (660 mm)
4	Polyester Felt	50 ft ² (4.64 m ²)	36" long (915 mm)
5	Spun Bonded Polyester	94 ft ² (8.73 m ²)	26" long (660 mm)
6	Spun Bonded Polyester	130 ft ² (12.1 m ²)	36" long (915 mm)
Note for options 4 & 6: add 10" (250 mm) to dimensions K, L & M			

TYPE	CFM	FAN HP	FILTER AREA (ft ²)				MIN IN/OUT DIA.	WEIGHT APPROX. (lbs.)	A	B	C	D	E	F	G	H	I	J	K	L	M	NO. OF DRUMS	ROTARY AIR LOCK SIZE
			1	2	3	4																	
PC 02	600	2	308	450	70	100	6	800	36	24	66	119	43	31	90	109	72	107	157	130	147	1	10X10
PC 04	1100	3	616	900	140	200	7	1000	36	42	66	119	43	49	90	109	72	107	157	130	147	1	10X10
PC 06	1600	5	924	1350	210	300	9	1500	60	48	66	119	67	55	88	109	72	130	180	152	170	2	10X10
PC 09	2400	7 1/2	1386	2025	315	450	11	2000	60	60	78	131	67	67	100	121	72	130	180	152	170	2	10X10
PC 12	3000	10	1848	2700	420	600	12	2800	72	60	78	131	79	67	100	121	72	130	180	152	170	2	10X10
PC 15	3800	10	2310	3375	525	750	13	3200	87	66	78	131	94	73	98	121	72	143	193	164	183	2	10X10
PC 20	5000	15	3080	4500	700	1000	14	4000	92	84	78	131	91	91	98	121	72	143	193	164	183	4	10X10
PC 25	6400	20	3850	5625	875	1250	16	4600	96	84	90	143	105	93	108	133	72	164	214	184	204	4	14X14
PC 30	8000	25	4620	6750	1050	1500	18	5400	104	96	90	143	113	105	108	133	72	164	214	184	204	4	14X14
PC 35	10000	30	5390	7875	1225	1750	20	6200	122	96	90	143	131	105	106	133	72	188	238	204	228	4	14X14
PC 40	13000	40	6160	9000	1400	2000	22	7000	142	96	90	143	151	105	106	133	72	188	238	204	228	6	14X14
PC 45	15000	50	6930	10125	1575	2250	24	7800	160	96	90	143	169	105	104	133	72	200	250	202	240	6	14X14

General Specifications

- Free standing
- Structural frame
- Weatherproof
- Heavy gauge steel construction
- Prime and finish painted
- Motors – TEFC, high efficiency
- Flexible drum sleeves with quick connect clamps for Arrangement 1
- Front hinged access doors for easy filter removal
- Sprinkler connection in filter house
- Choice of outlet
- 95-100 psi air supply for controls needed
- PC 25 and larger, screw conveyor with air lock available (not included)

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

RAL =

- Rotary air lock with neoprene wipers and flanged inlet and outlet
- Several sizes available

Fan/Motor Pack

- Can be top mounted or remote
- Can be matched to give any required air to cloth ratio

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