

# KA Series

## DUST COLLECTORS

**Models:** KA04  
KA07  
KA012  
KA110  
KA145  
KA350

The KA system is a negative pressure pneumatic evacuation system for clean and quiet continuous evacuation of regrind from our granulators. It features a hermetically-sealed cartridge filter system with automated pulse-compressed air cleaning to keep the filters clean and system operating efficiently.

### Standard Features:

- Designed for continuous conveying of regrind with filtered air release to ambient room;
- Includes a rotary air lock to create vacuum system
  - Rotary air lock gently drops material from cyclone discharge for cleaner operation
  - Material never passes through blower, so material is not degraded and system is quieter
- Compact system as blower is mounted on top of filter chamber;
- Filter system has automatic timed pulsed compressed air cleaning of the cartridge filters to keep the system operating at maximum efficiency. Filter cartridges which are easy to access and replace;
- Robust and compact modular structure which can be adapted to any plant layout;
- Accessories: antistatic bars, DPM measurement; and
- Automatic or independent operation or integrated control panel with granulator.



*KA12, KA110, KA145, KA350*



*Easy access filters*



*KA-04, KA-07*



Piovan Group

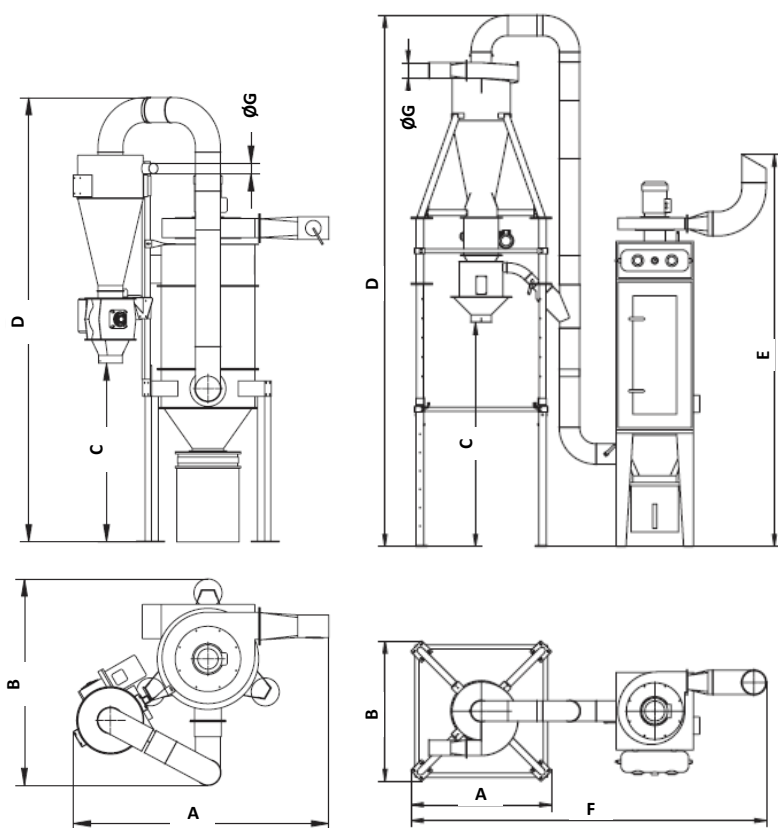
TB-KA-Dust Collection




Rev: A

Effective Date: 08/28/2019

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Dimensions & Specifications:									
	A (in / mm)	B (in / mm)	C (in / mm)		D (in / mm)		E (in / mm)	F (in / mm)	G (in / mm)
KA04	53 / 1350	43.3 / 1100	30.7 / 780	41.7 / 1060	103.2 / 2620	114.2 / 2900			2.8 / 70
KA07	64.6 / 1640	52.4 / 1130	35.4 / 900	45.3 / 1150	102.8 / 2610	152 / 3860			2.8 / 70
KA12	57 / 1448	57 / 1448	61.0 / 1550		148.8 / 3780		110.6 / 2810	110.6 / 2810	3.9 / 100
KA-12+DE3			73.2 / 1860		176 / 4470				
KA110	57 / 1448	57 / 1448	61.0 / 1550		149 / 3780		128.5 / 3265	129.1 / 3280	3.9 / 100
KA110+DE3			73.2 / 1860		176 / 4470				
KA145	57 / 1448	57 / 1448	35.4 / 900	80.7 / 2050	143.7 / 3650	189.2 / 4805	159.5 / 4050	142 / 3605	6.3 / 160
KA145+DE4					170.9 / 4340	216.3 / 5495			
KA350	57 / 1448	57 / 1448	35.4 / 900	80.7 / 2050	179.9 / 4570	225.6 / 5730	167.3 / 4250	158.3 / 4020	8.3 / 210
KA350+DE5					207.1 / 5260	252.8 / 6420			



Dimensions & Specifications:			
			
	lbs/hr / kg/hr	HP / kW	ft <sup>3</sup> / dm <sup>3</sup>
<b>KA04</b>	150 - 220 / 60-100	2.0 / 1.5	1.77 / 50
<b>KA07</b>	220 - 550 / 100-250	2.5 / 1.85	1.77 / 50
<b>KA12</b>	550 - 880 / 250-400	4.0 / 2.95	1.77 / 50
<b>KA110</b>	880 - 1320 / 400-600	6.5 / 4.25	3.0 / 87
<b>KA145</b>	1320 - 2865 / 600-1300	11.0 / 8.25	3.0 / 87
<b>KA350</b>	2865 - 4410 / 1300-2000	21.1 / 15.75	3.0 / 87