



Total Cost Effective Solution for Your Air Pollution Problems

ADROIT Auto Pulsing Dust Collector (ACP SERIES)



SIMPLE, EFFICIENT PORTABLE AUTO PULSING DUST COLLECTOR

OUTLINE

The ACP Series is an Auto Pulsing Dust Collector. This design provided efficient dust control for high air volume and heavy dust loading. Simple maintenance is another advantage.

The ACP Series suitable for application like powder packing, cement industry, pharmaceutical industry, laboratory, surface grinding, sanding, mixing weighing and etc.

Machines come complete with:

- * Castor Wheel
- * Integrated Control Panel
- * Dust Tray
- * Differential Pressure Gauge
- * Air Regulator
- * Pulsing Valve & Sequential Timer

Optional Parts:

- * Pre-filter / Spark Arrestor
- * Extraction Arm
- * HEPA Filter
- * Hooper
- * Explosion Vent

Cautions:

- * DO NOT EXTRACT MOISTURE, OIL MIST, OR SPARK,
- * GROUNDING REQUIRED FOR PREVENTION OF ELECTRICAL SHOCK



Housing

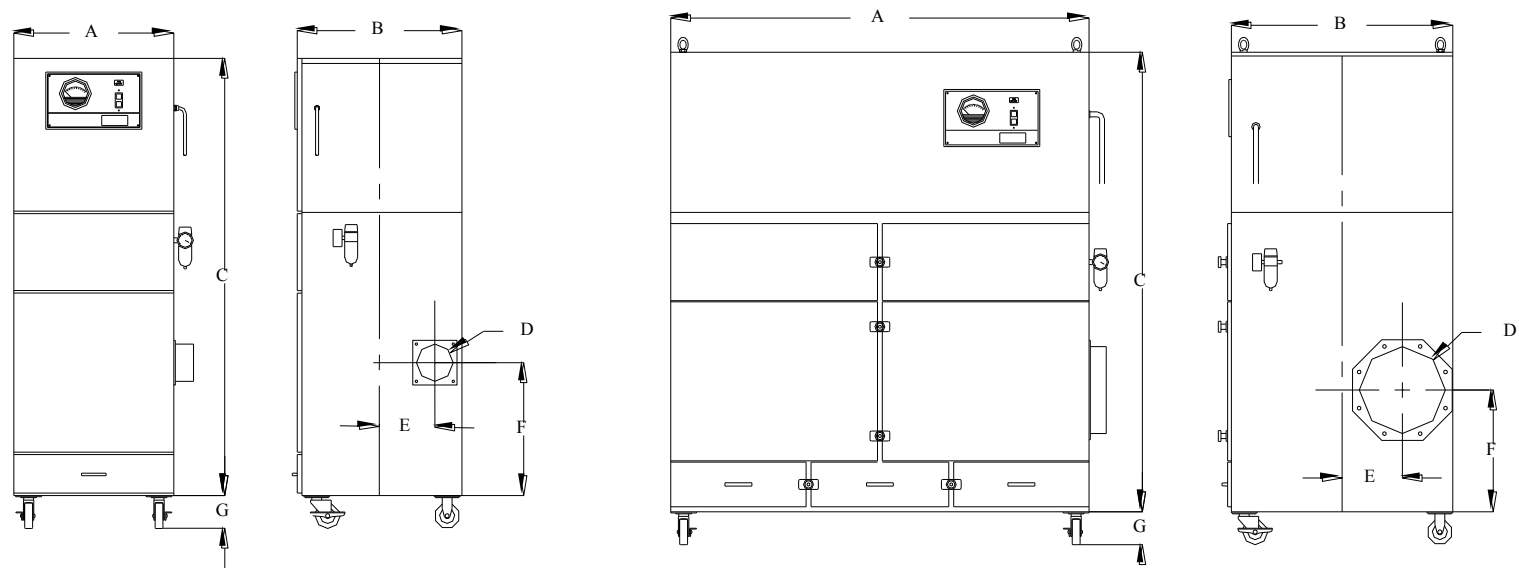
Welded, oil-proof, inside and outside epoxy powder coated. Made from 2mm mild steel sheets. Dirty air inlet from varies direction. Access door to filter compartment side of unit with lift and turn. Clean air outlet on back or top.

Powder coated color code: RAL5021

(or to customer's spec. against extra charge)



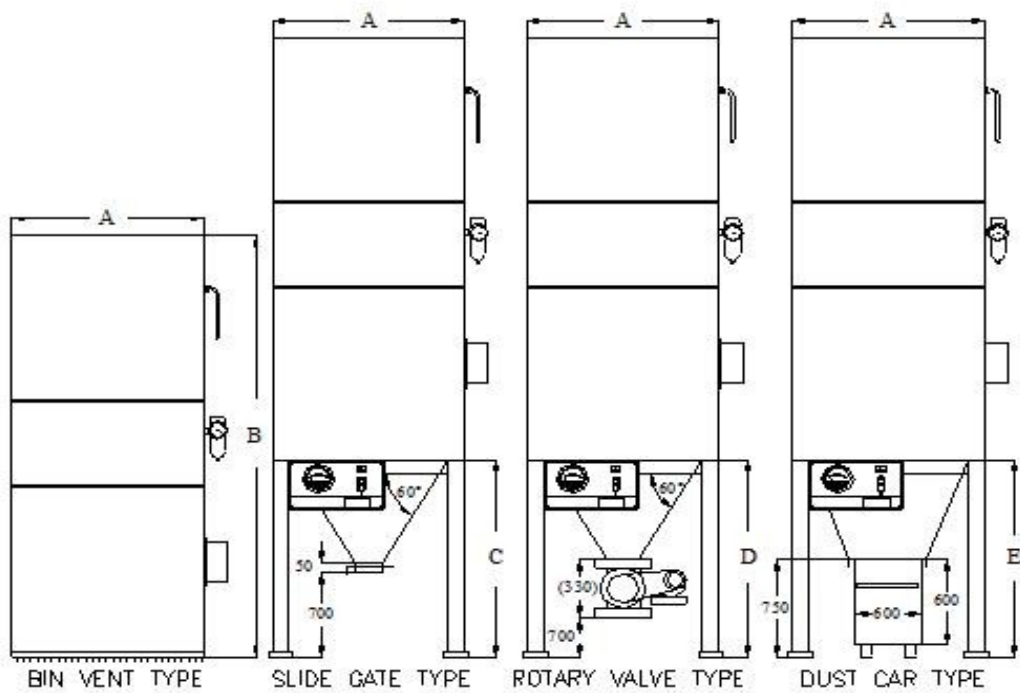
General Technical Information



Specification

Model	Motor (kW)	Airflow (m³/min)	Static Pressure (mmH₂O)	Filter Material		Dimension (mm)							Power	Weight (kg)
						A	B	C	D	E	F	G		
ACP-15	2.2	15	150	6	Polyester	650	650	1760	150	215	635	135	415V / 3 ph / 50 Hz	230
ACP-45	4.0	45	200	12		900	900	1850	250	275	540	135		390
ACP-65	5.5	65	250	18		1300	900	1850	300	270	490	135		490
ACP-85	7.5	85	240	24		1700	900	1850	350	270	490	135		590
ACP-130	5.5 x 2	130	250	24		1700	900	1971	400	270	490	135		740
ACP-160	7.5 x 2	160	240	36		2550	1000	2270	500	240	495	135		900
ACP-240	7.5 x 3	240		36		2550	1100	2270	600	220	545	135		1200

Discharging Type



Discharge Dimension

	ACP-15	ACP-45	ACP-65	ACP-85	ACP-130	ACP-160	ACP-240
Width (A)	650	900	1300	1700	1700	2550	2550
BIN VENT (B)	1610	1700	1700	1700	1700	1700	1700
SLIDE GATE (C)	1183	1400	1745	2092	2092	2828	2828
ROTARY VALVE (D)	1473	1690	2035	2383	2383	3118	3118
DUST CAR (E)	1183	1400	1745	2092	2092	2828	2828

*The above specification is in mm and can be changed without prior notice due to on going R&D.

Electrical Ventilator Unit

- * (IEC standards)
- * Direct driven blower fan with IP55 EFF2 standard motor,
- * 415volts/3phase/50Hz
- * Connection cable 3m length.

Filter

Pleated Type Cartridge filter.

(Surface finishing available such as Water Repellent, Anti-Static, PTFE Membrane, etc)

Choice of surface finishing subjected to customer application and type of dust extracted.

Contact Us:



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Filter Elements

Material: Polyester Spun Bond

Material Thickness: 0.61mm

Filter Rating: 99% efficiency rating for particles 2– 5 µm.

Continues Operating Temperature: ≤130°C (Dry Heat)

DESIGN, MANUFACTURE, INSTALL & SERVICE...