

ADROIT Auto Pulsing Dust Collector (ACP – M 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

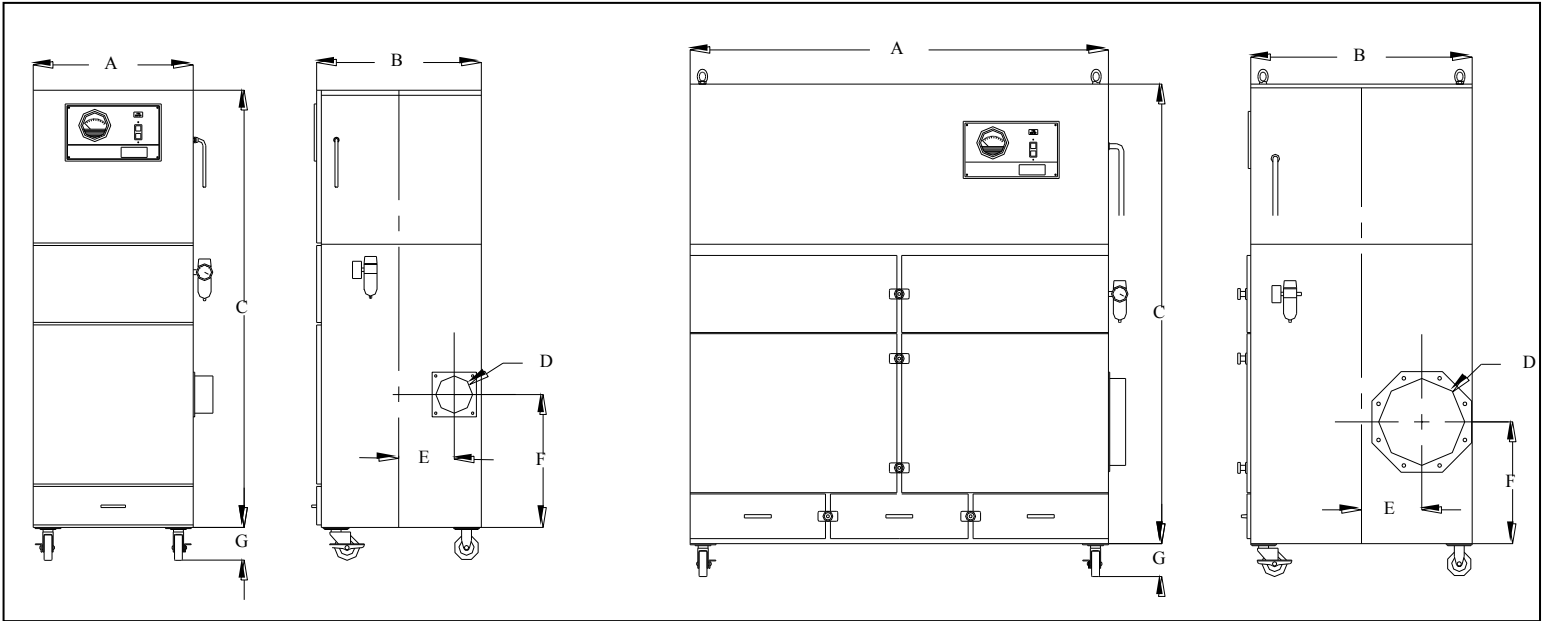
Welded, oil-proof, inside and outside epoxy powder coated. Made from 2mm mild steel sheets. Dirty air inlet from varies direction. Access door to filter compartment side of unit with lift and turn. Clean air outlet on back or top.

Powder coated color code: RAL5021

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



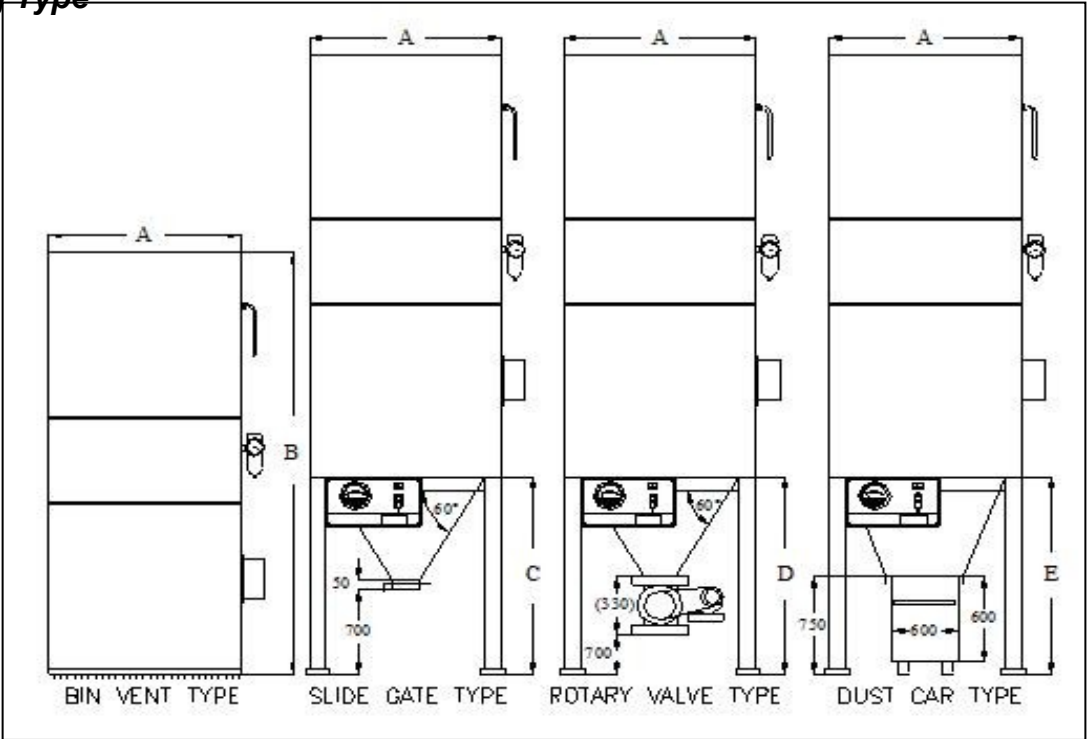
General Technical Information



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-15M	1.5	15	150	1	Polyester Spun Bond	650	650	1710	125	79	677	135	415V / 3 ph / 50 Hz	230
ACP-30M	2.2	30	200	3		950	950	1834	150	87	677	135		240
ACP-45M	3.0	45		4		950	950	1834	200	113	677	135		390
ACP-65M	5.5	65	250	4		950	950	1896	250	142	677	135		490
ACP-85M	7.5	85	240	6		1421	990	1977	350	192	677	135		590
ACP-130M	5.5 x 2	130	250	8		1884	1100	2012	400	217	677	135		740
ACP-160M	7.5 x 2	160	240	8		1884	1100	2012	400	217	677	135		900
ACP-240M	7.5 x 3	240		10		2358	1500	2232	550	292	787	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: $\leq 130^{\circ}\text{C}$ (Dry Heat)

DESIGN, MANUFACTURE, INSTALL & SERVICE...