

# Dust Collector - Auto Pulsing (DCM - AP)

**SIMPLE,  
EFFICIENT  
PORTABLE**

### OUTLINE

The DCM-AP 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 DCM-AP 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

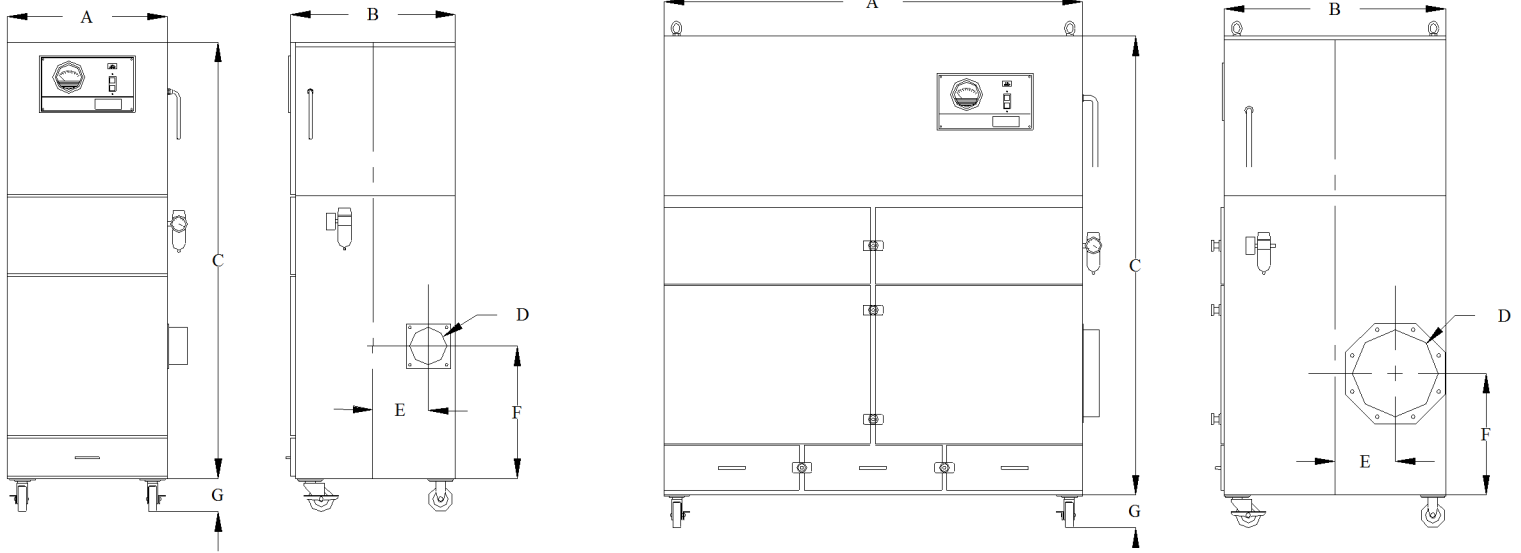
Welded, oil-proof, inside and outside epoxy powder coated. Made from 2mm mild steel sheets. Dirty air inlet from varies direction. Access door to filter compartment side of unit with lift and turn. Clean air outlet on back or top.

Powder coated color code: RAL5021

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



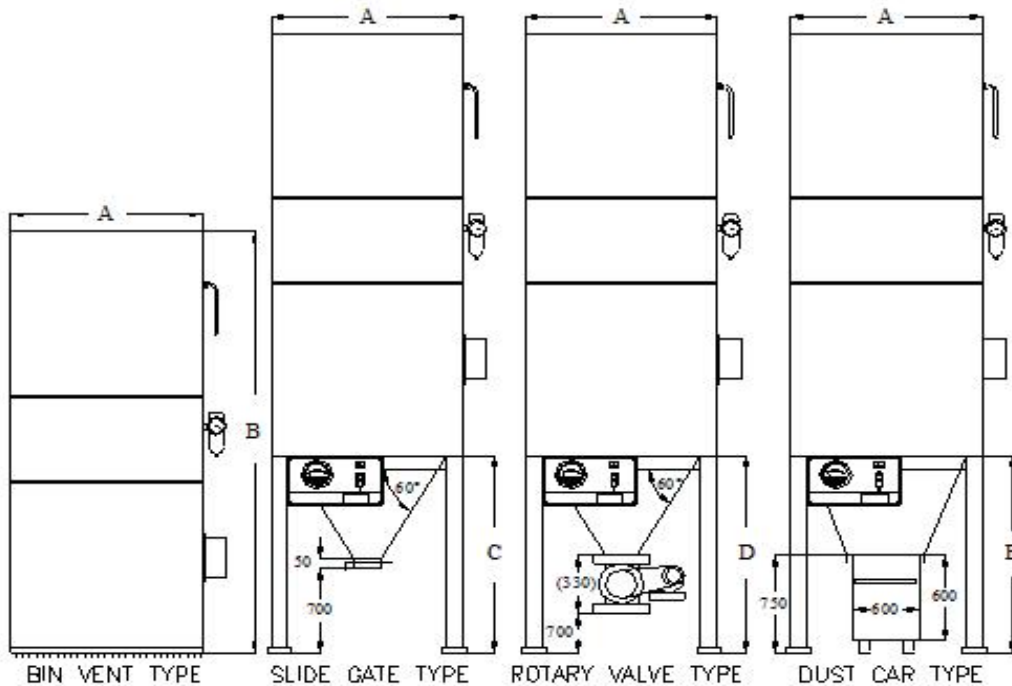
## General Technical Information



## Specification

| Model       | Motor<br>(kW) | Airflow<br>(m <sup>3</sup> /min) | Static Pressure<br>(mmH <sub>2</sub> O) | Filter Material |                     | Dimension<br>(mm) |      |      |     |     |     |     | Power               | Weight<br>(kg) |
|-------------|---------------|----------------------------------|---|-----------------|---------------------|-------------------|------|------|-----|-----|-----|-----|---------------------|----------------|
|             |               |                                  |   | Qty             | Mat                 | A                 | B    | C    | D   | E   | F   | G   |                     |                |
| DCM-AP-15M  | 1.5           | 15                               | 150                                     | 1               | Polyester Spun Bond | 650               | 650  | 1710 | 125 | 79  | 677 | 135 | 415V / 3 ph / 50 Hz | 230            |
| DCM-AP-30M  | 2.2           | 30                               | 200                                     | 3               |                     | 950               | 950  | 1834 | 150 | 87  | 677 | 135 |                     | 240            |
| DCM-AP-45M  | 3.0           | 45                               | 200                                     | 4               |                     | 950               | 950  | 1834 | 200 | 113 | 677 | 135 |                     | 390            |
| DCM-AP-65M  | 5.5           | 65                               | 250                                     | 4               |                     | 950               | 950  | 1896 | 250 | 142 | 677 | 135 |                     | 490            |
| DCM-AP-85M  | 7.5           | 85                               | 240                                     | 6               |                     | 1421              | 990  | 1977 | 350 | 192 | 677 | 135 |                     | 590            |
| DCM-AP-130M | 5.5 x 2       | 130                              | 250                                     | 8               |                     | 1884              | 1100 | 2012 | 400 | 217 | 677 | 135 |                     | 740            |
| DCM-AP-160M | 7.5 x 2       | 160                              | 240                                     | 8               |                     | 1884              | 1100 | 2012 | 400 | 217 | 677 | 135 |                     | 900            |
| DCM-AP-240M | 7.5 x 3       | 240                              | 240                                     | 10              |                     | 2358              | 1500 | 2232 | 550 | 292 | 787 | 135 |                     | 1200           |

## Discharging Type



## Discharge Dimension

|                  | DCM-AP-15 | DCM-AP-45 | DCM-AP-65 | DCM-AP-85 | DCM-AP-130 | DCM-AP-160 | DCM-AP-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 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)

### 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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