

## INTRODUCING CVC VERTICAL DUST COLLECTOR

### **STANDARD FEATURES ON CVC:**

- Modular design enables expandability
- Vertical cartridge filter for added efficiency
- Downward air flow to promote dust dropout during cleaning
- Longer filter life
- No tool cam system for installation of filters, fast and easy filter change-outs
- Dual cartridge access doors for easy filter removal
- Hinged and removable door panels
- High side inlet with internal air diffusers
- Automatic pulse jet cleaning with nozzle cleaning
- Urethane polyester powder coat finish
- High strength steel construction with continuously welded seams for airtight seal
- Hopper angles of 60° to prevent dust build up
- Pre-wired cleaning controls for continuous or demand cleaning



### **OPTIONAL FEATURES ON CVC:**

- |                                   |                                |  |
|-----------------------------------|--------------------------------|--|
| ▪ Space saving low profile design | ▪ Paint/finish treatments      | ▪ Cartridge filter media varies on application |
| ▪ Stainless steel construction    | ▪ Service platform and ladder  | ▪ Added HEPA or after-filter                   |
| ▪ Explosion protection            | ▪ Grounding kits               |  |
| ▪ Fire protection                 | ▪ Inlet and outlet transitions |  |
| ▪ Smart electrical controls       | ▪ Top or side mounted fans     |  |

### **TYPICAL APPLICATIONS:**

Laser/Plasma cutting welding, Woodworking, Blasting, Powder coating, Minerals, Chemical processing

## CVC VERTICAL DUST COLLECTOR

### SPECIFICATIONS/DESCRIPTION:

CVC Series is a self-cleaning (self-contained) pulse jet dust collector that uses vertical hanging cartridges to remove dust from the airstream. The self-cleaning system uses compressed air to back pulse the cartridge filters. The cleaning is controlled by an automatic timer that is based on differential pressure. The cartridge filters are accessed from the side by the large hinged doors and installed without the need for tools. A cam lever system makes filter change-out quick and simple. Vertical mounted cartridges provide the optimal use of the entire filter surface. When pulsed, the dust is released off the filter downward and falls directly into the storage container. The CVC series utilizes a high side inlet with air diffusers that are used to improve the airflow across the filter bank, while slowing the air speed and letting the large particles fall out of the air stream before attaching to the filters. The CVC series is a heavy duty modular system that is welded and bolted together. It is designed and manufactured for indoor and outdoor applications.



Car-Mon Products, Inc. is a leader in the removal and capture of noxious fumes. We place a high priority on our engineering capabilities and product innovation. With the addition of the CVC series collector, all Car-Mon equipment is engineered and manufactured at our facility in Elgin, IL. We welcome the opportunity to discuss your application and invite you to take advantage of our free design service.

