



# CARTRIDGE DUST COLLECTORS

TM

## Continuous-Duty Design Boosts Productivity

**Vertical cartridges** are easy to replace, provide large filtration area and capture 99.999% of particles one-half micron or larger. Air can be recirculated to the workplace, thereby reducing HVAC costs.

**Manual reverse jet-pulse dust purging** can be performed with push-button ease while the air-blast system is operating. Minihelic gauge keeps operator informed about dust buildup on filtration surfaces. A fully automatic photohelic control is available as an option.

**Slide-gate** seals off collection hopper and keeps work area clean when waste drum is removed.

**Sixteen-gallon waste drum** (supplied by Empire) provides extra capacity to minimize labor and downtime for dust disposal.

Empire's cartridge dust collectors increase productivity in three ways.

First, these collectors are designed to operate continuously; the air-blast system does not have to be shut down while dust is removed from filtration surfaces.

Next, they simplify dust removal from filtration material. On CDC-6 and CDC-9 units, push-button reverse jet-pulsing, performed by an operator viewing a minihelic gage (which monitors pressure drop across the filter) is accomplished manually while the air-blast system is operating. With the addition of a photohelic upgrade, dust is moved from the filtration surfaces to a collection drum automatically.

Finally, the collection cartridges, once worn, can be quickly and easily removed and replaced through a large access door.

Empire's cartridge dust collectors prolong operating cycles, maximize "up" time and reduce maintenance costs—all adding to higher profits.



## SPECIFICATIONS

- **Blower Assembly:** CDC-6 (1-1/2 hp); CDC-9 (2 hp)
- **CFM at 6" Static Pressure:** CDC-6 (600); CDC-9 (900)
- **Electricals:** 230/60/1 standard (others available)
- **Standard Cleaning:** Manual reverse jet pulse
- **Filtration Area:** 452 square feet through 2 cartridges
- **Waste Drum Capacity:** 16 gallons
- **Enclosure Size (WxDxH):** 35" x 40" x 116"