

DC-8

DUST COLLECTION SYSTEM

Airflow
SYSTEMS INC.

SPECIFICATIONS

Construction:	12 ga. steel cabinet, powder coated
Blower Pkgs (HP):	3, 5, 7.5 and 10
Noise Level (dBA):	90/78 with silencer (3 HP); 95/80 with silencer (5 HP, Radial) 84/75 with silencer (5 HP, Backward Incline) 84/75 with silencer (7.5 HP, Backward Incline) 95/80 with silencer (10 HP, Backward Incline)
Electrical:	3 HP - 208-230/460/575V/3/60, 8/4 amps. 5 HP - 208-230/460/575/3/60, 12/6 amps. 7.5 HP - 208-230/460/575/3/60, 17.2/8.6 amps. 10 HP - 208-230/460/575/3/60, 24/12 amps.
Dimensions:	W- 56.5" H- 158" D- 37"
Air Flow Max (CFM):	1650–5500
Weight (lbs.):	1480



Powerful, Self-Contained, and Built to Last

The DC-8 dust collector is a complete, economical, self-contained unit designed for immediate operation. Spark-resistant, direct-drive blowers deliver higher static pressure, longer filter life, and reliable performance with no belts or pulleys to maintain. Non-electrostatic operation, compressed filter mounting, and the Vibra-Pulse® filter cleaning system are up to 75% more effective than reverse pulse and ensure efficient filtration and low maintenance, while auto-clean off-line cleaning and an easy-access dust drawer simplify upkeep.

Options

- **Pressure Gauge Kit:** Indicates when filters require cleaning.
- **Block-Off Filter Cleaning:** Vibra-Pulse® system cleans while unit is in operation.
- **HEPA High Efficiency After-Filter:** Provides 99.97% filtration efficiency.
- **Absorption Module:** Charcoal after-filter removes gases and odors.
- **Custom Cartridge Media:** For specific applications.
- **Hopper with Floor Stand:** For 5-gallon pail, or 20-gallon drum.
- **Intelligent Controls for "Intelligent Efficiency":** Provides significant savings on your energy bill while reducing facility noise levels.

Features & Benefits

- **Complete, Self-contained Unit:**
Economical; immediately functional.
- **Direct-Drive Blowers:** Higher static pressure, longer filter life and greater reliability; spark-resistant; no belts or pulleys to replace.
- **Non-Electrostatic Operation:**
High reliability, low maintenance.
- **Compressed Filter Mounting:**
Eliminates contaminant bypass of filters.
- **Vibra-Pulse® Filter Cleaning System:** Cleans filters 75% more effectively than reverse pulse systems.
- **Auto-Clean Off-line Filter Cleaning:**
Automatically cleans filters when unit is shut off.
- **Compressed Air Regulator**
- **Hopper with Floor Stand:** For 55-gallon drum.

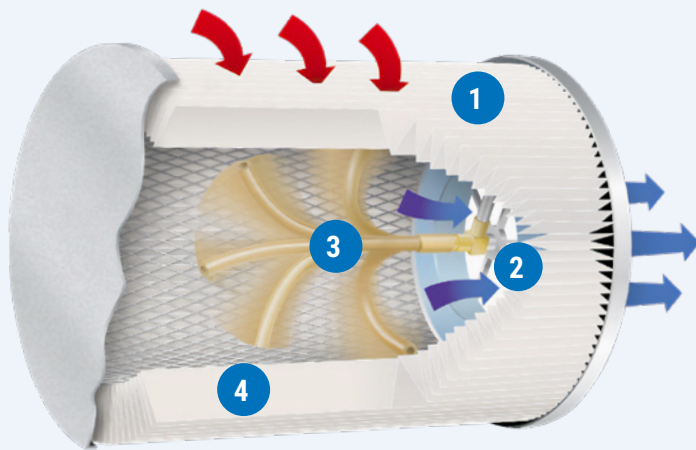
Industrial Applications

Welding smoke and fumes, grinding and sanding dust, cutting and polishing debris, mixing operations, ceramic and pottery studios, educational and industrial labs

Vibra-Pulse® Filter Cleaning System: 4x Cleaner Than Reverse Pulse

Unlike traditional reverse pulse systems that leave dirt trapped deep in filter pleats, Vibra-Pulse® uses a powerful combination of high-force air and a patented internal rapping hose to knock out deeply packed dust. The result: Filters are restored to within 10% of original pressure and retain up to 80% of holding capacity—four times more effective than standard methods.

Features & Benefits



1 Quick-Release Filter Coating

Blended base sheet + polypropylene film for a built-in dust cake. Delivers 97.9% efficiency right from start-up.

2 Clean Air Release

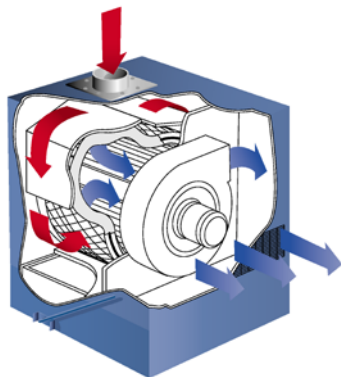
Clean-2® filter media capture 97.9% initially and 99%+ on average, ensuring clean air returns to your workspace.

3 Wear-Resistant Impactor Hose

A durable, dual-layer hose strikes inside the filter in random motion to loosen deep dirt, while compressed air clears surface dust into a collection tray.

4 Airflow Efficiency

Cleaner filters and lower static pressure boost airflow, reduce motor load, and cut energy use.



Vibra-Pulse® Cleaning Air Filtration Path

Vibra-Pulse® Filter Cleaning provides high-efficiency unit operation. Clean filters and low fan static pressure improve air flow and reduce motor load and energy consumption.