

DCH-SERIES

DUST COLLECTION SYSTEMS

Airflow
SYSTEMS INC.

DCH-1: An efficient filtration source for a complete dry particulate collection system.



DCH-2: Powerful, 1600 CFM air flow for single, and multiple collection sources.



Optional Floor Stand/Hopper funnels dust away from the filters. Large capacity container extends maintenance cycles.

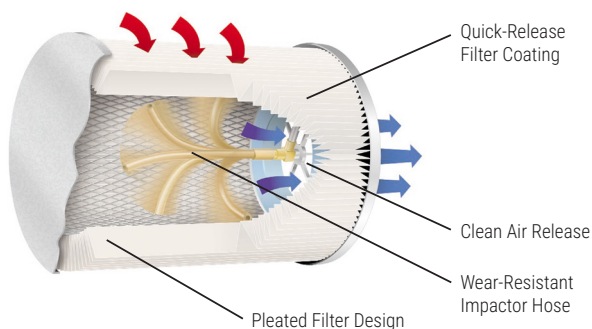


Powerful, Reliable Dust Collection for Cleaner, More Efficient Workspaces

The DCH-Series dust collection systems serve as the air flow and filtration source for an entire collection system. DCH-Series units draw dust, smoke, and other dry pollutants through their cartridge filtration system to clean up to 1400 CFM of air. Maintenance cycles are extended with the Vibra-Pulse® filter cleaning system, which cleans filters 4-times cleaner than reverse pulse systems.

Vibra-Pulse® Filter Cleaning System

DCH-Series dust collectors feature the Vibra-Pulse® filter cleaning system, which uses compressed air and a high-pressure impactor hose to restore filters to full capacity. Wide pleat spacing increases dirt-holding capacity, reducing the need for frequent cleaning and replacement.

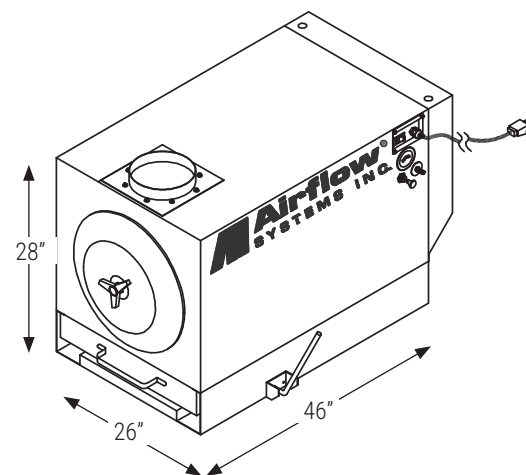
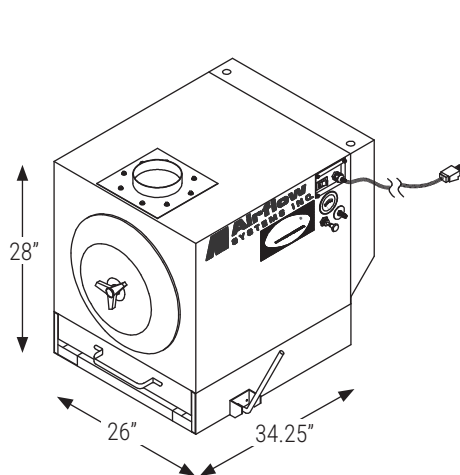


Features & Benefits

- **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.
- **Low profile cabinet:** Easy access speeds filter changeout and maintenance.
- **Dust drawer:** Easily remove external dust drawer with positive lever lock.

Industrial Applications

Grinding, welding, powders, graphite machining, woodworking, pharmaceuticals, laboratories, shops, schools, tool rooms, maintenance, ceramics



Model Specifications

	DCH-1	DCH-2
Construction	12/14/16 ga. welded steel, powder coated cabinet	12/14/16 ga. welded steel, powder coated cabinet
Blower Pkgs (HP)	1.0, 1.5	1.5, 3.0
Noise Level (dBA)	71/74	70/74/79
Electrical	1.0 HP - 115/1/60, 12 amps, std. 1.5 HP - 115/230/1/60, 15/7.5 amps, opt. 1.5 HP - 208-230/460/3/60, 4.9-4.6/2.3; amps, opt.	1.5 HP - 115/230/1/60, 13.2/6.6 amps, std. 1.5 HP - 230/460/3/60, 4.0-3.8/1.9 amps, opt. 3.0 HP - 208-230/460/3/60, 7.9-7.2/3.6 amps, opt.
Air Flow Max (CFM)	800/900	950/1200/1400
Dimensions	W- 26" H- 28.00" (54.25" with Hopper) D- 34.25"	W- 26" H- 28" (54.25" with hopper) D- 46"
Weight (lbs.)	200	260
Options	Pressure Gauge Kit: Indicates when filters require cleaning. Automatic Filter Cleaning: Vibra-Pulse® system cleans automatically when unit is shut off. HEPA High Efficiency After-Filter: Provides 99.97% filtration efficiency. Adsorption Module: Charcoal after-filter removes gases and odors. Custom Cartridge Media: For specific applications. Hopper with Floor Stand: 10 gallon container. Compressed Air Regulator Casters: 5" casters and 8" wheels for portability.	Pressure Gauge Kit: Indicates when filters require cleaning. Automatic Filter Cleaning: Vibra-Pulse® system cleans automatically when unit is shut off. HEPA High Efficiency After-Filter: Provides 99.97% filtration efficiency. Adsorption Module: Charcoal after-filter removes gases and odors. Custom Cartridge Media: For specific applications. Hopper with Floor Stand: 10 gallon container / 55 gallon drum lid. Compressed Air Regulator Casters: 5" casters and 8" wheels for portability.