

# DTH-SERIES DOWNDRAFT TABLES

**Airflow**  
SYSTEMS INC.

DTH-800



DTH-1700



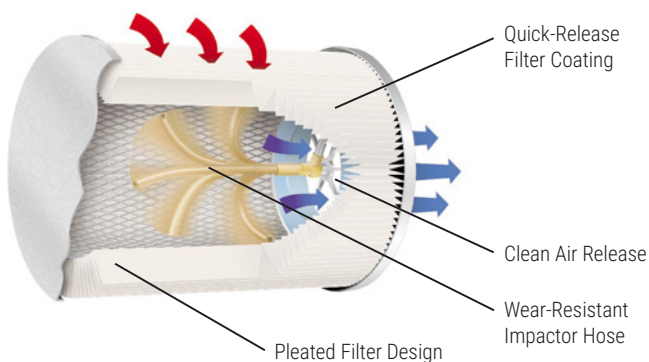
Shown with optional castors

## High-Efficiency Source Capture for Large-Scale Workstations

DTH-Series downdraft tables deliver efficient source capture for large, open industrial work surfaces by integrating the work area with particulate collection. The downdraft design pulls contaminants away from the worker's breathing zone without restricting movement or productivity, with portable and stationary options available for grinding, sanding, and welding applications.

## Vibra-Pulse® Filter Cleaning System

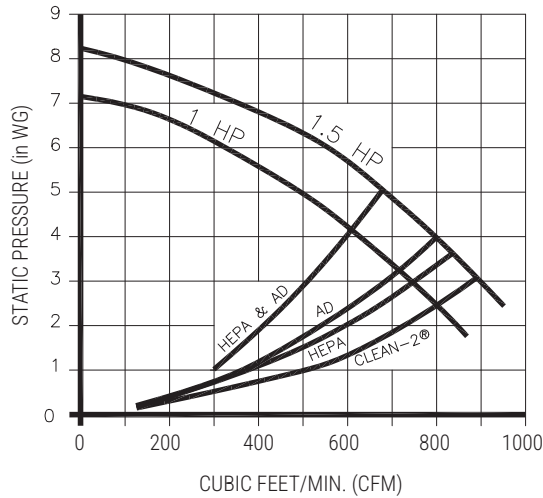
DTH-Series downdraft tables feature the Vibra-Pulse® filter cleaning system, which uses compressed air and a high-pressure impactor hose to restore filters to full capacity. Wide pleat spacing increases dirt-holding capacity, reducing the need for frequent cleaning and replacement.



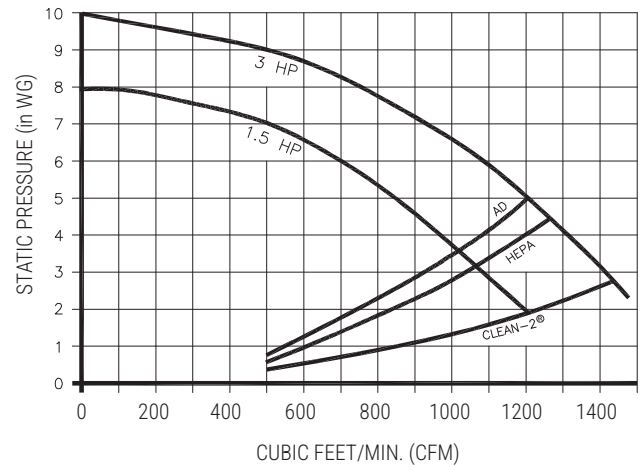
## Features & Benefits

- **Integral Collection Area and Work Surface:** Draws contaminants away from workers' breathing zone without hindering movement; easily moved to any location in facility.
- **Direct-Drive Blower:** 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.
- **Low Profile Cabinet:** Easy access speeds filter changeout and maintenance.
- **Vibra-Pulse® Filter Cleaning System:** Cleans filters 75% more effectively than reverse pulse systems.
- **Dust Drawer:** Easily remove external dust drawer with positive lever lock.

## PERFORMANCE CURVES



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## Model Specifications

	DTH-800	DTH-1700
<b>Construction</b>	12/14/16 ga. welded steel, powder coated cabinet	12/14/16 ga. welded steel, powder coated cabinet
<b>Blower Pkgs (HP)</b>	1, 1.5	1, 1.5, 3
<b>Noise Level (dBA)</b>	70/74	70/74/79
<b>Electrical</b>	1 HP - 115/1/60, 12 amps, std. 1.5 HP - 115/230/1/60, 13.2/6.6 amps, opt.	1 HP - 115/1/60, 12 amps, opt. 1.5 HP - 115/230/1/60, 13.2/6.6 amps, std. 3 HP - 208-230/460/3/60, 8.4-8.0/4.0 amps, opt.
<b>Air Flow Max (CFM)</b>	800	1000
<b>Dimensions</b>	W- 34.38" H- 33" D- 31"	W- 48.5" H- 33" D- 31"
<b>Table Size</b>	W- 32" D- 24.5"	W- 48" D- 24.5"
<b>Weight (lbs.)</b>	260	346
<b>Options</b>	<p><b>Pressure Gauge Kit:</b> Indicates when filters require cleaning.</p> <p><b>Regulator</b></p> <p><b>Silencer:</b> Reduces noise by up to 6 dBA.</p> <p><b>Custom Cartridge Media:</b> For specific applications.</p> <p><b>After-Filters:</b> 99.97% HEPA, 95%, and odor-control modules.</p> <p><b>Side Shields:</b> Improves collection efficiency; eliminates contaminant migration.</p> <p><b>Enclosures and Lighting:</b> Enhances work area; encourages productivity.</p> <p><b>Auto Clean</b></p>	<p><b>Pressure Gauge Kit:</b> Indicates when filters require cleaning.</p> <p><b>Automatic Filter Cleaning:</b> Vibra-Pulse® system cleans automatically when unit is shut off.</p> <p><b>HEPA High Efficiency After-Filter:</b> Provides 99.97% filtration efficiency.</p> <p><b>Adsorption Module:</b> Charcoal after-filter removes gases and odors.</p> <p><b>Custom Cartridge Media:</b> For specific applications.</p> <p><b>Hopper with Floor Stand:</b> 10 gallon container / 55 gallon drum lid.</p> <p><b>Compressed Air Regulator</b></p> <p><b>Casters:</b> 5" casters and 8" wheels for portability.</p>