



Dimensions

Width:	24.00"
Height:	28.00"
Depth:	31.00"

Options

- **Pressure Gauge Kit:**
Indicates when filters require cleaning.
- **HEPA High Efficiency After-Filter:**
Provides 99.97% filtration efficiency.
- **Adsorption Module:**
Charcoal after-filter removes gases and odors.
- **Hopper with Floor Stand:**
10 gallon container.
- **Regulator**

DCH-1 Dust Collector

Features & Benefits

- **Complete, self-contained unit:**
Economical; immediately functional.
- **Direct-Drive or FRP Blower:**
Higher static pressure, longer filter life and greater reliability; non-sparking; no belts or pulleys to replace.
- **Non-electrostatic operation:**
High reliability, low maintenance.
- **Ultra-Seal® 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.

Specifications

Construction:

12/14/16 ga. welded steel, powder coated cabinet

Blower Pkgs (HP):

1.0, 1.5

Noise Level (dBA):

71/77

Electrical:

1.0 HP - 115/1/60, 12 amps, std.;

1.5 HP - 115/208-230/1/60, 15/7.9-7.5 amps, opt.

1.0 HP - 220/1/50, 6.6 amps

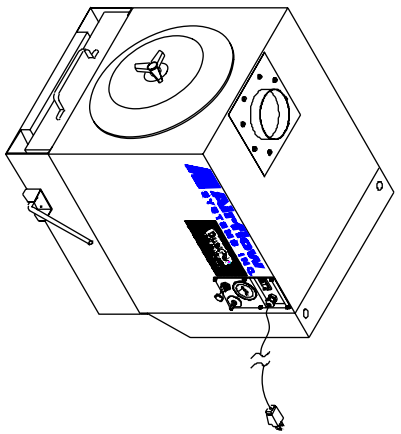
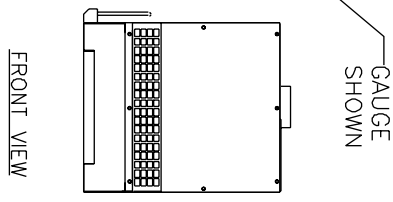
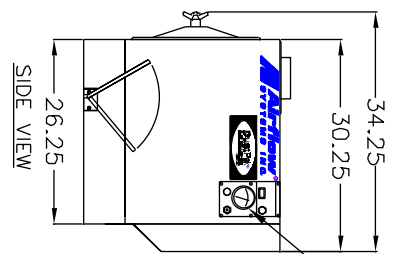
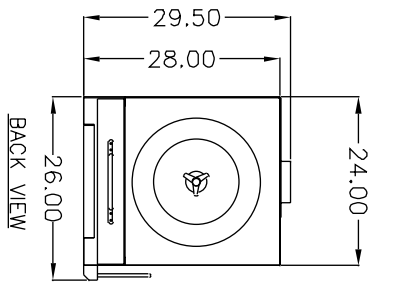
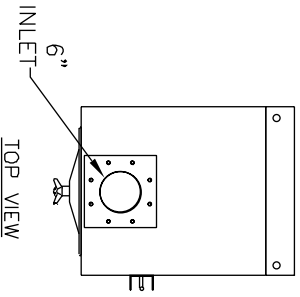
1.0 HP - 190/38/3/50, 4.8/2.4 amps.

Nominal CFM (in.):

650/800

Weight (lbs.):

200



SPECIFICATIONS:

CONSTRUCTION:

12/14/16 Gauge steel cabinet finished with Powder-Coat Finish. Includes a 5 gallon external dust drawer, removable end cap for easy access to filter, removable panel for easy access to direct drive motor/blower, 25" 12 Ga. power cord, and on-off switch. Motor wired to junction box outside unit for 3 phase option. Acoustical lining standard in blower compartment. Vibro-Pulse cleaning standard.

WEIGHT:

200 lbs.

AIRFLOW:

600 CFM with std. 1 HP motor
800 CFM with opt. 1.5 HP motor

NOISE:

71 dBA

ELECTRICAL:

- 1 HP 115 /1/60, 12 amps, std.
- 1.5 HP 115/220/1/60, 15/7.9-7.5 amps, opt.
- 1.5 HP 230/460/3/60, 4.9-4.6/2.3 amps, opt.

FIRE SUPPRESSION:

Equipment provided by others.

SPECIAL NOTES:

Compressed air filter provided by others.

MAIN FILTERS:

- (1) CLEAN-2[®] Filter cartridge, 16"Dx12", Std.
- (1) Cartridge, FIBERDUST[®] Opt.
- (1) Cartridge, Spark Resistant, Opt.
- (1) Cartridge, Spunbond - H₂O, Opt.
- (1) Cartridge, CleanPlus double treated fire retardant, Opt.

HEPA OPTIONS:

- (1) External HEPA filter, 99.97%

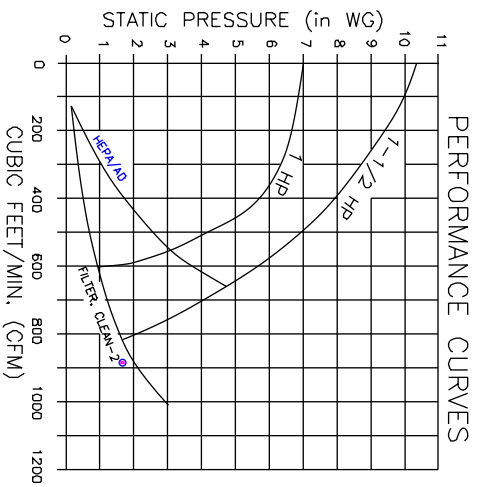
AD. OPTION:

- (1) External adsorber, 25 lb. capacity

OTHER OPTIONS:

- Pressure gauge kit indicates filter changes
- Hopper option, 10 Gallon
- Auto Clean (Hopper opt. recommended)
- Regulator
- Silencer (Adds 3" to depth of unit)

* AFS FILTER EFFICIENCIES BASED ON ASHRAE 52-76 TEST METHOD



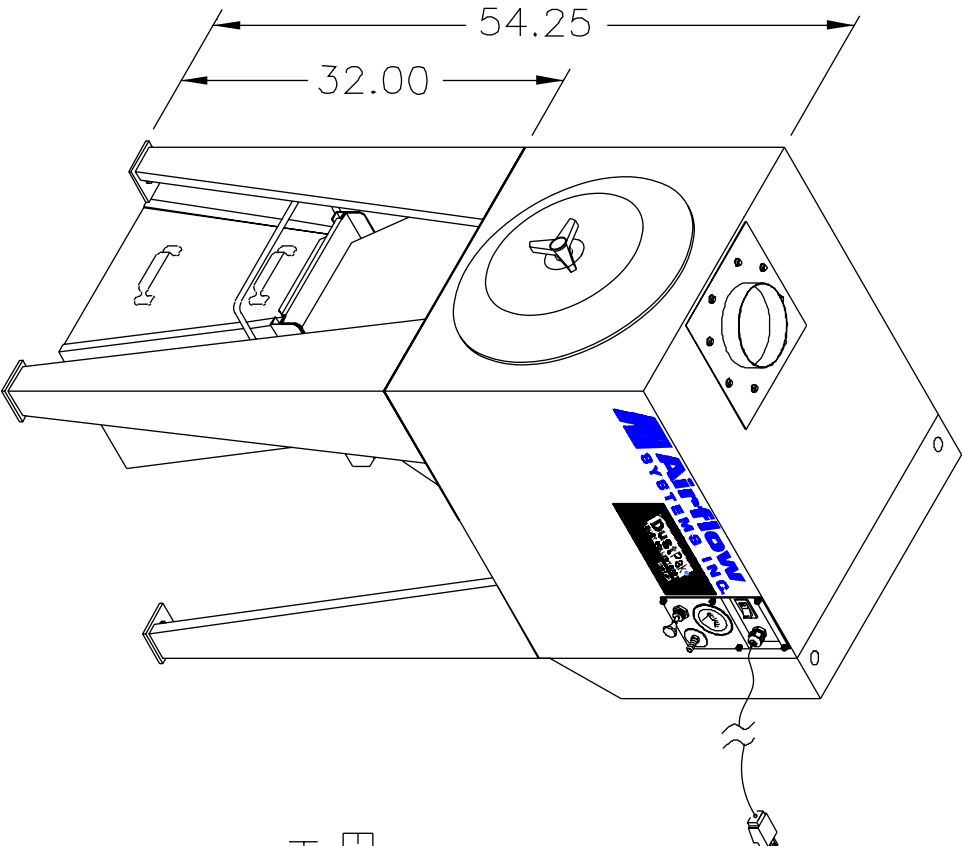
NOTES:
Items designated as are included in this proposal.

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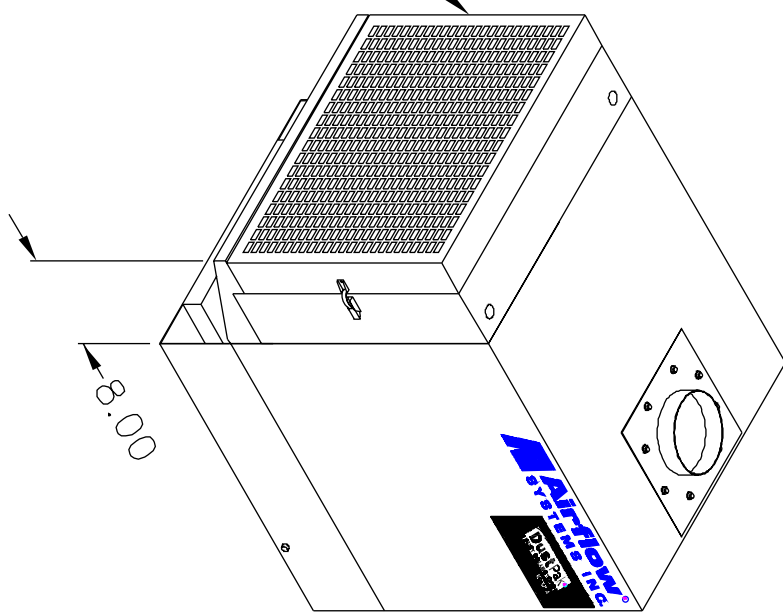
Diversified Air Systems, Inc.
Phone: 800-264-8958

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SCALE	DRAWING NO.: DCH1SPEC (58-2622/B)

HOPPER OPTION AND
EXTERNAL HEPA/AD
OPTION



EXTERNAL
HEPA/AD
OPTION



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