

## SPECIFICATIONS:

### CONSTRUCTION:

12/14/16 Gauge steel cabinet finished with Powder-Coat Finish. Includes a 10 gallon external dust drawer, removable end cap for easy access to filters, 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 of unit for 3 phase option. Acoustical lining standard in blower compartment. Vibra-Pulse cleaning standard.

### WEIGHT:

260 lbs.

### AIRFLOW:

1000 CFM with std. 1.5 HP motor  
1200 CFM with opt. 3 HP motor

### NOISE:

77 dBA - 1.5 HP  
79 dBA - 3 HP

### ELECTRICAL:

- 1.5 HP 115/220/1/60, 15/7.9-7.5 amps, std
- 1.5 HP 230/460/3/60, 4.9-4.6/2.3 amps, opt.
- 3 HP 208-230/460/3/60, 8.4-8.0/4.0 amps, opt.

### FIRE SUPPRESSION:

Equipment provided by others.

### SPECIAL NOTES:

Compressed air filter provided by others.

### MAIN FILTERS:

- (2) CLEAN-2 Filter cartridge, 16"Dx12", Std.
- (2) Cartridge, FIBERDUST, Opt.
- (2) Cartridge, Spark Resistant, Opt.
- (2) Cartridge, Spunbond - H0, Opt.
- (2) Cartridge, CleanPlus double treated fire retardant, Opt.

### HEPA OPTIONS:

- (1) External HEPA filter, 99.97%

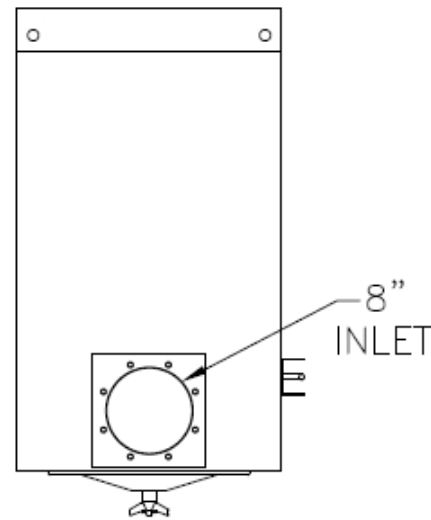
### AD OPTION:

- (1) External adsorber, 25 lb. capacity

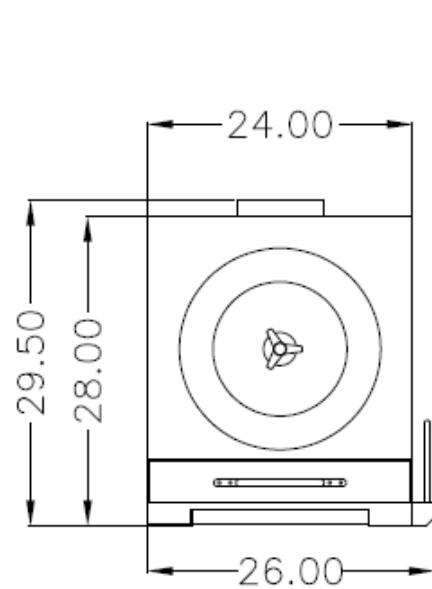
### OTHER OPTIONS:

- Pressure gauge kit indicates filter changes
- Hopper option
- Auto Clean, (w/Hopper opt.)
- Regulator
- 14 Ft. E-Z Arm
- Silencer (Adds 3" to depth of unit)

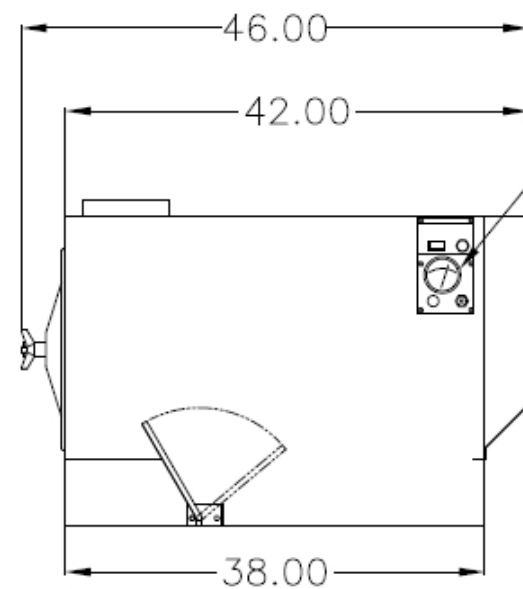
\* AFS FILTER EFFICIENCIES BASED ON ASHRAE 52-76 TEST METHOD



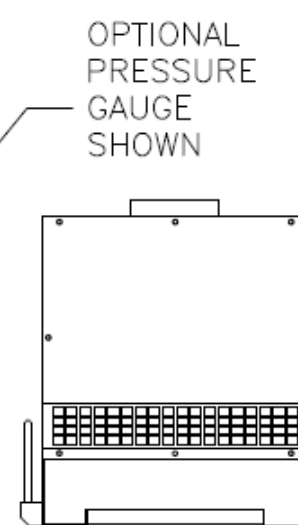
TOP VIEW



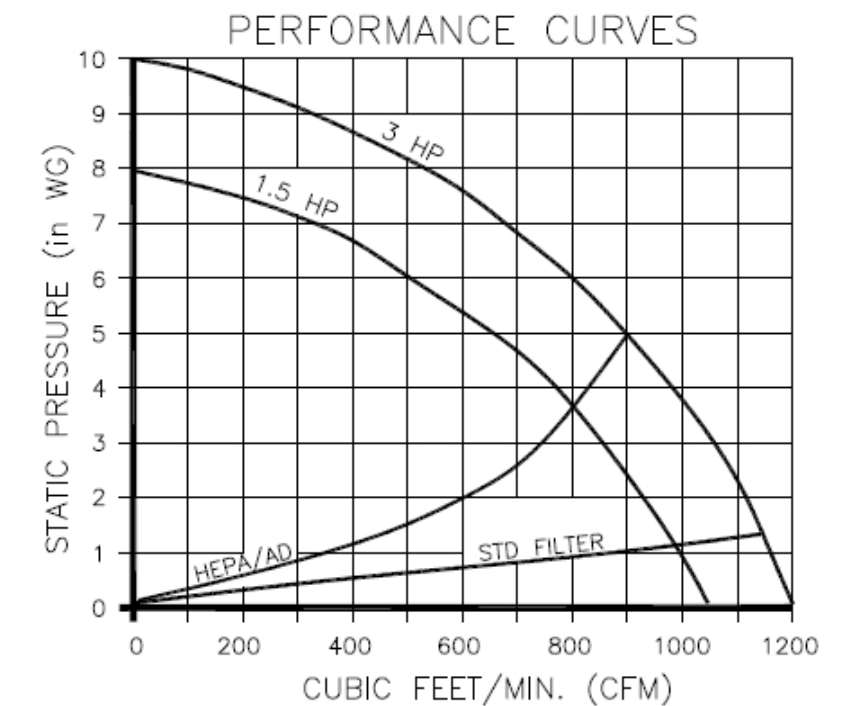
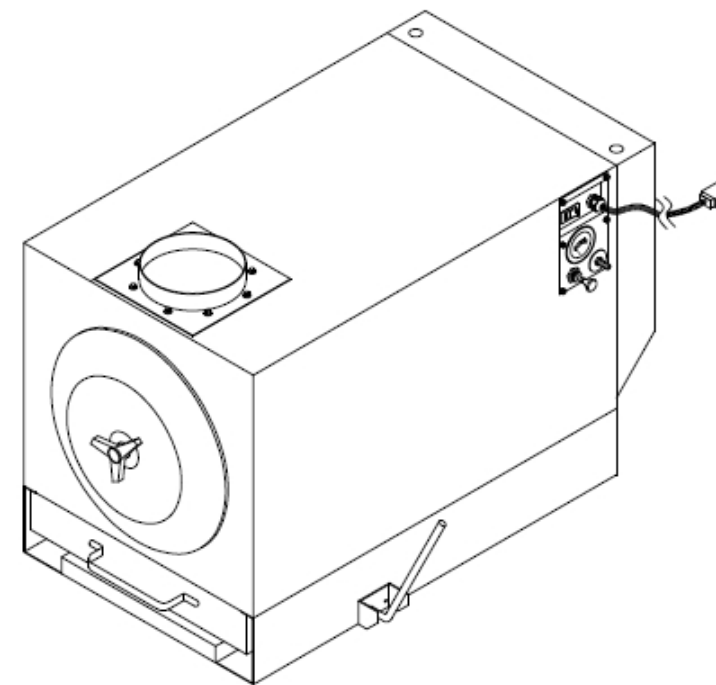
BACK VIEW



SIDE VIEW



FRONT VIEW



03-03

CUSTOMER:	
CUSTOMER P.O.:	
PROJECT:	
ENGINEER:	
SALES REP.:	
IDENTIFICATION / TAGGING:	

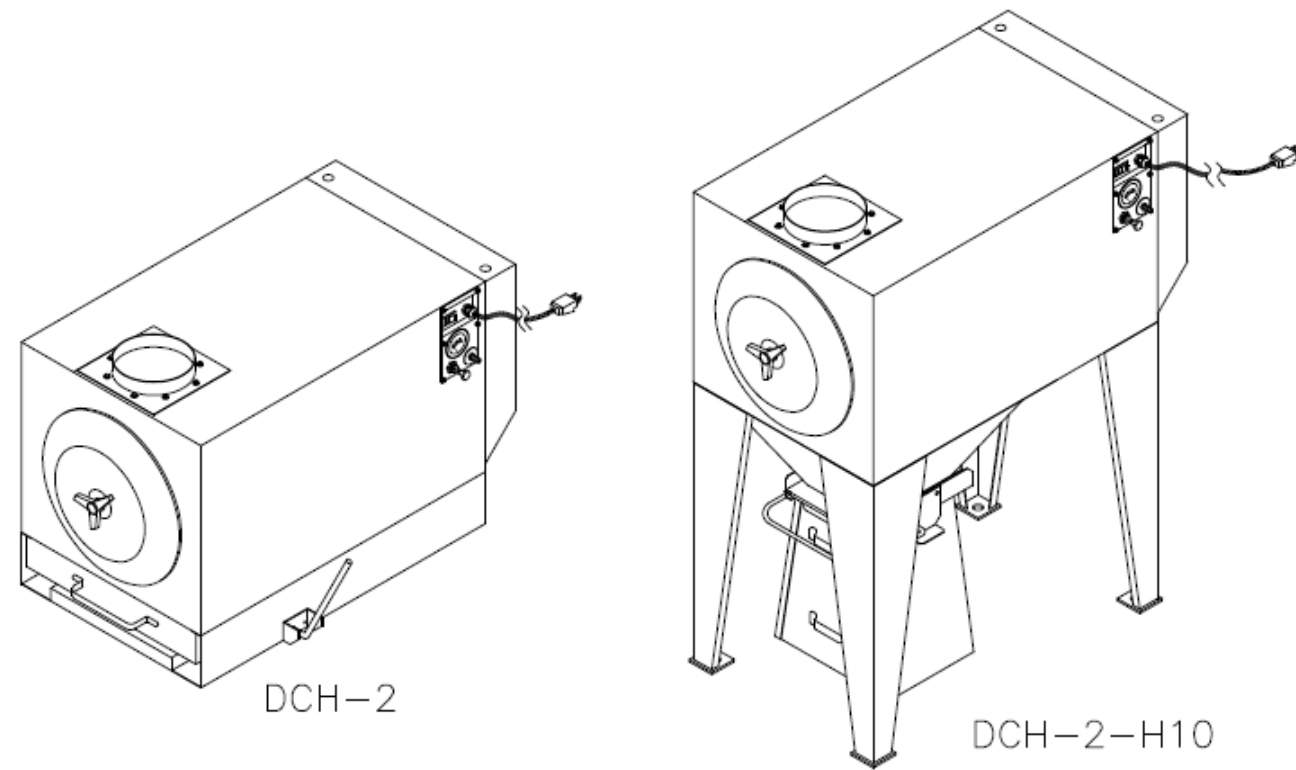
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Drawn by:	Janos B
Date:	5/1/2008
Scale:	NTS
Weight:	N/A

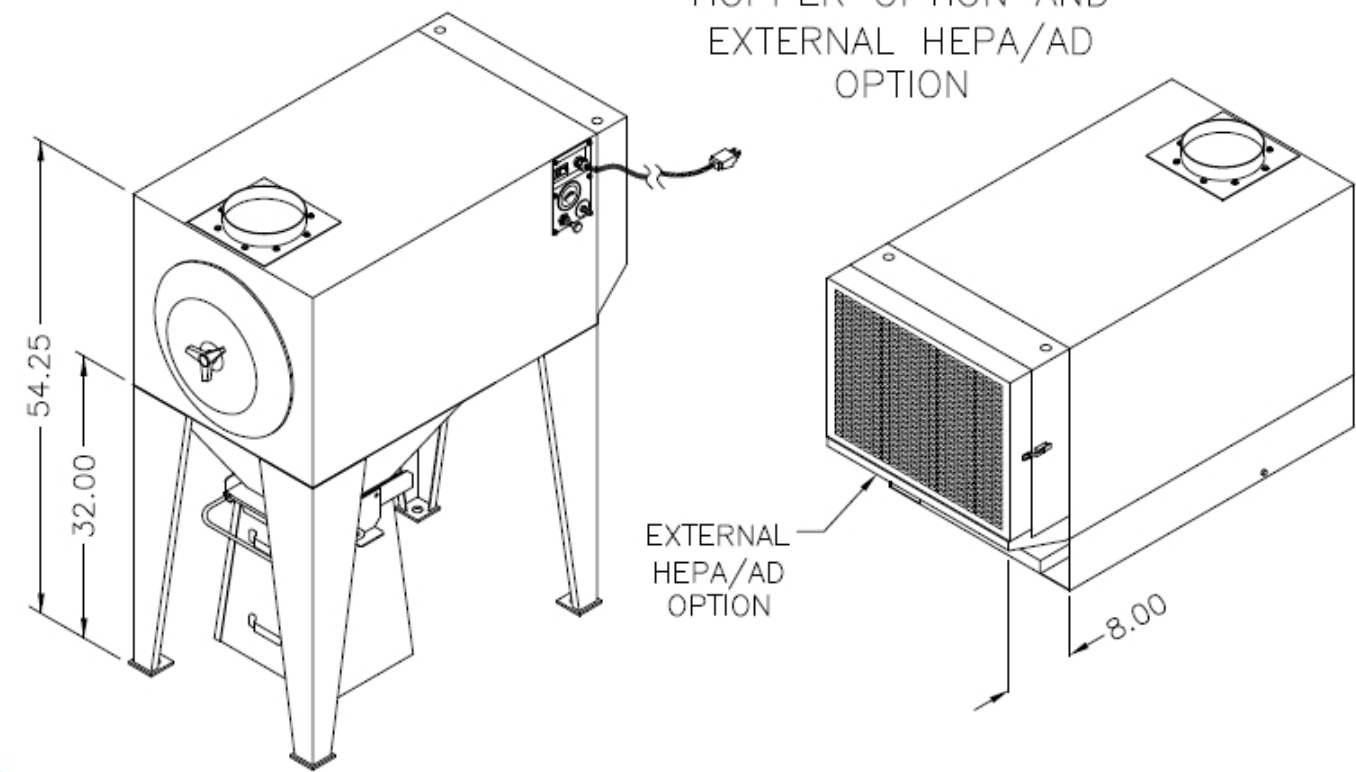
<b>03-03 DCH-2</b>	
<b>c/w External Tray or Hopper</b>	
<b>Specification Drawing</b>	
Drawing No.:	File Name: (03-03) DCH-2 - SD
Material:	Product manufactured by: <b>Airflow SYSTEMS INC.</b>
Sheet: 1/2	



DCH-2

DCH-2-H10

HOPPER OPTION AND  
EXTERNAL HEPA/AD  
OPTION



EXTERNAL  
HEPA/AD  
OPTION

**MODELS & OPTIONS:**

- Main System / Part**
- DCH-2 Cartridge collector w/2 Clean 2® cartridge filters (150 ft2 media each) manual Vibra-Pulse®. 1.5HP
  - DCH-2-H10 Cartridge collector w/10 gallon Hopper (w/ stand & dust can) 2 Clean 2® cartridge filters (150 ft2 media each)

- Fan / Motor Upgrades or Options (when ordering main unit)**
- DCH-2-1PHASE-D 1.5 Hp, 1 phase, Class 1, Div. 2, Group D motor/blower for the DCH-2
  - DCH-2-3 PHASE 1.5 Hp, TEFC motor 208-230-460/575/3/60 Hz, Standard Blower Option for Standard DCH-2 Unit
  - DCH-2-3HP 3 Hp TEFC motor,208-230/460/575/3/60 Hz, High Flow Option for Standard DCH-2 Unit
  - DCH-2-3HP-1PHASE 3 Hp TEFC motor,230/1/60 Hz, High Flow Option for Standard DCH-2 Unit

- Filter Options (when ordering main unit)**
- DCH-2-AD Internal AD Option for Standard DCH-2 Unit
  - DCH-2-EXAD External Adsorber Module Option for Standard DCH-2 Unit
  - DCH-2-EXDOP External 95% DOP Filter Option for Standard DCH-2 Unit
  - DCH-2-EXHE External 99.97% HEPA Filter Option for Standard DCH-2 Unit
  - DCH-2-FD Fiber dust Filters Option for Standard DCH-2 Unit
  - DCH-2-UCP ULTRACLEAN-PLUS Cartridge Filters Option for Standard DCH-2 Unit

- Preventative Maintenance Pressure Gauges, etc. (when ordering main unit)**
- DCH-2-PG-10 0-10" magna-helic pressure gauge, approximately 5" diameter size. Surface mounted.

- Misc. Options**
- DCH2-EXTVENT Explosion vent
  - DCH-2-CASTERS 8" Fixed-front, 5" Swivel-rear Casters Option for Standard DCH-2 Unit ONLY.
  - DCH-2-HYD-045 Hydro-filter designed to help eliminate sparks. C/w 45 gallon drum, easy to remove lid, water level gauge, and
  - OM-019/160 Standing Flange for mounting Flexi-I Arms on DCH/PCH units
  - OM-019/200 Standing Flange for mounting Flexi II arms on DCH/PCH units

- Sound Attenuation**
- DCH-2-S-EXT External Silencer Option for Standard DCH-2 Unit

- Fan, Light & Other**
- DCH-2-AP-1 Off line Auto Pulse, 1 Phase Option for Standard DCH-2 Unit
  - DCH-2-AP-3 Off line Auto Pulse, 3 Phase Option for Standard DCH-2 Unit

- Retro-Fit Parts**
- 2KT51733 External HEPA Retrofit Kit for PCH-1, PCH-2, DCH-1, DCH-2, DTH-800, DTH-1700
  - 2KT51734 External AD Retrofit Kit for PCH-1, PCH-2, DCH-1, DCH-2, DTH-800, DTH-1700. Charcoal not Included. Please order charcoal separately.
  - 2KT51739 External HEPA & AD Retrofit Kit for PCH-1, PCH-2, DCH-1, DCH-2, DTH-800, DTH-1700. Charcoal not
  - 2KT51768 External Silencer Retrofit Kit for PCH-1, PCH-2, DCH-1, DCH-2, DTH-800, DTH-1700

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**c/w External Tray or Hopper**  
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 Material:      Product manufactured by:      Sheet: 2/2