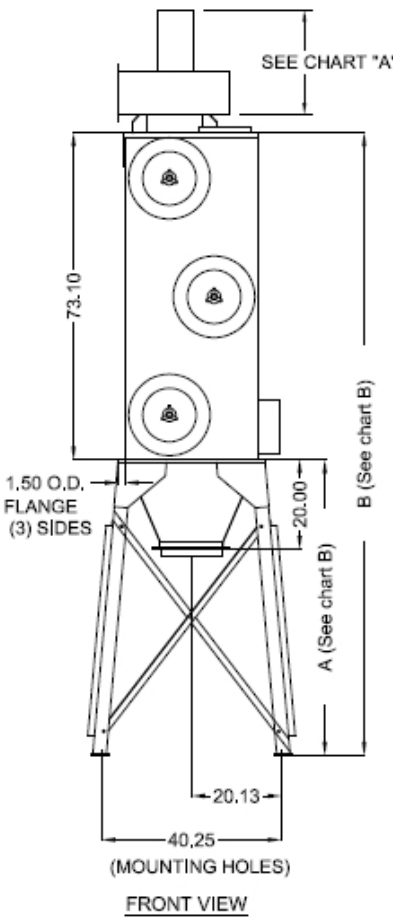


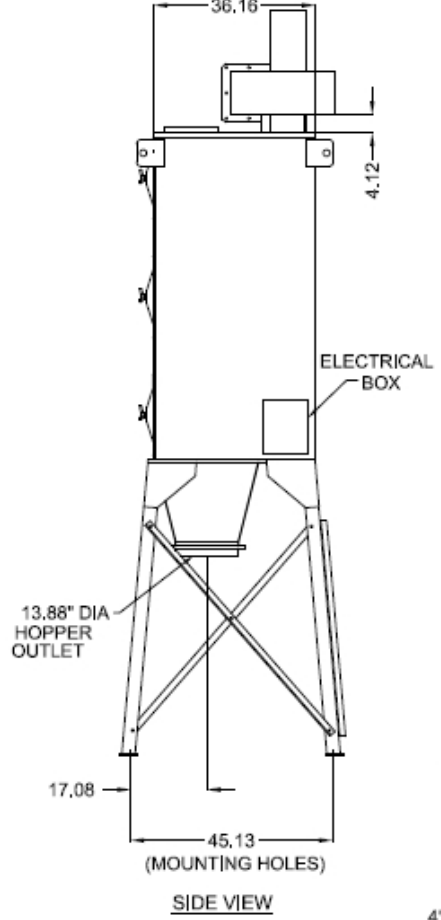
CHART B

STAND FOR:	A	B
55 GAL.	66	139.10
5/20 GAL.	42	115.10

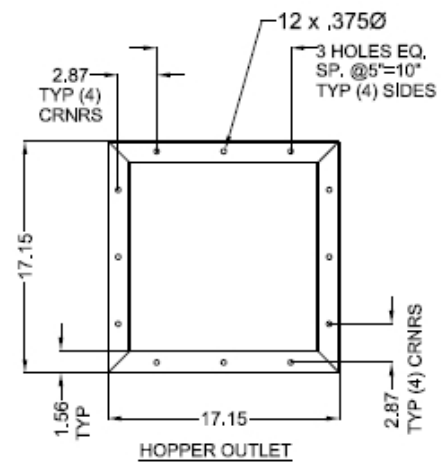
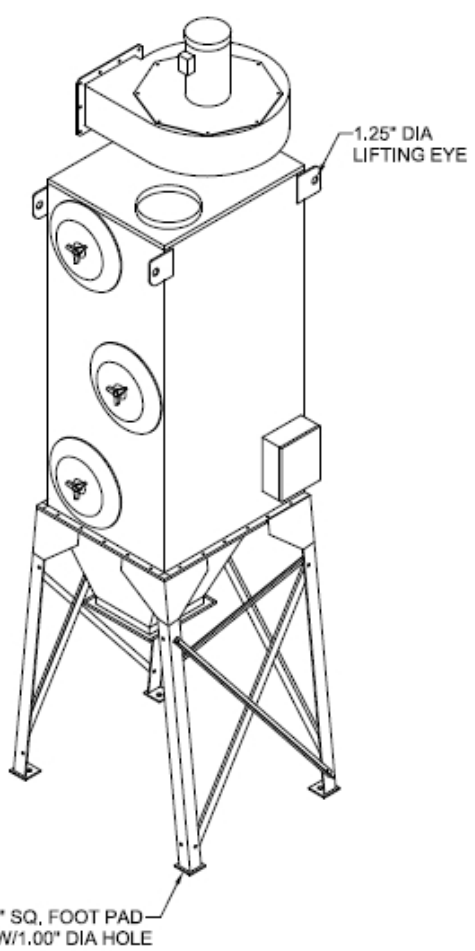
TOP VIEW



FRONT VIEW



SIDE VIEW



HOPPER OUTLET

**CONSTRUCTION:** 12 Gauge steel cabinet finished with a 2 part chemical and oil resistant paint. Includes hopper and stand, removable endcaps for easy access to filters, pressure gauge to indicate filter changes, and automatic cleaning. Also included is a direct drive radial motor/blower assembly. Motor starters/disconnects NOT INCLUDED.

**WEIGHT:** 783 lbs.  
**AIRFLOW:** See chart below  
**NOISE:** See chart "A"

**ELECTRICAL:**  3 HP 208-230/460/3/60, 8.0/4.0 amps, radial blower, std.  
 5 HP 208-230/460/3/60, 12.0/6.0 amps, radial blower, opt.  
 5 HP 208-230/460/3/60, 12.0/6.0 amps, BI blower, opt.  
 7.5 HP 208-230/460/3/60, 17.2/8.6 amps, BI blower, opt.

**FIRE SUPPRESSION EQUIPMENT:** Provided by others.  
**SPECIAL NOTES:** Compressed air filter provided by others.

**SPECIFICATIONS:**

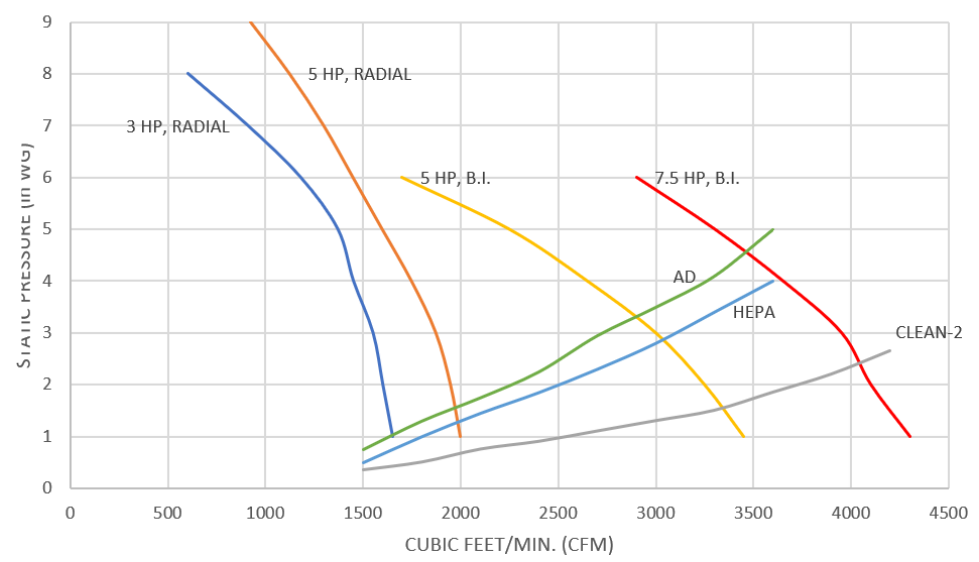
- MAIN FILTERS:**  (6) 16" Cartridge, CLEAN 2, std.  
 (6) 16" Cartridge, Fiber Dust, opt.
- HEPA OPTION:**  External HEPA filter, 99.97% (2000 CFM)  
 External HEPA filter, 99.97% (4000 CFM)
- AD OPTION:**  (2) External adsorbers, 50 lbs., refillable, followed by a 2" poly afterfilter (2000 CFM)  
 (2) External adsorbers, 50 lbs., refillable, followed by a 2" poly afterfilter (4000 CFM)
- OTHER OPTIONS:**  55 Gallon lld/hose  
 Slide gate  
 50 Hz  
 575 Volt  
 Single phase  
 Silencer  
 Raincap  
 5 Gal. container  
 20 Gal. container

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

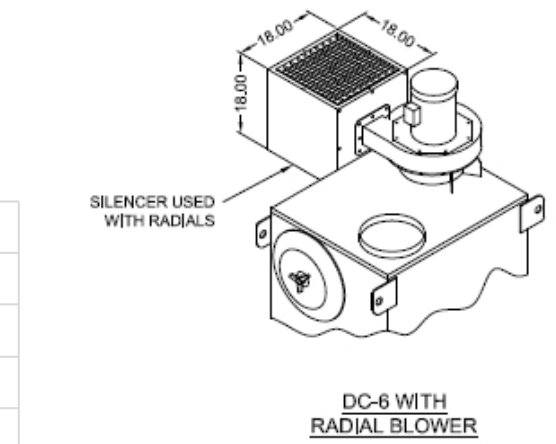
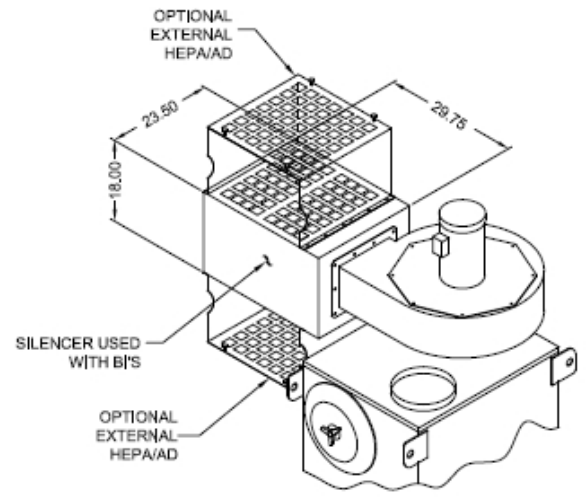
CHART A

MOTOR/BLOWER OPTIONS	MTR/BLWR HEIGHT	dBA	dBA WITH SILENCER
3 HP, RADIAL	15.00"	90	78
5 HP, RADIAL	19.50"	95	80
5 HP, BI	23.38"	84	75
7.5 HP, BI	26.25"	84	75

Performance Curves (DC-6)



**OPTIONAL SILENCERS**



04-03

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

**04-03 DC-6**  
**CARTRIDGES DUST COLLECTOR**  
 Specification Drawing

Drawing No.: - File Name: (04-03) DC-6 - SD  
 Material: Product manufactured by: Sheet: 1/2

**MODELS & OPTIONS: ==>**

**SPECIFICATIONS:**

**CONSTRUCTION:** 12 Gauge steel cabinet finished with a 2 part chemical and oil resistant paint. Includes removable endcaps for easy access to filters, dust drawer, 6" legs, pressure gauge to indicate filter changes, and automatic cleaning. Also included is a direct drive radial motor/blower assembly. Motor starters/disconnects NOT INCLUDED.

**WEIGHT:** 743 lbs.

**AIRFLOW:** See Chart Below

**NOISE:** See chart "A"

**ELECTRICAL:**  3 HP 208-230/460/3/60, 8.0/4.0 amps, radial blower, std.  
 5 HP 208-230/460/3/60, 12.0/6.0 amps, radial blower, opt.  
 5 HP 208-230/460/3/60, 12.0/6.0 amps, BI blower, opt.

**FIRE SUPPRESSION EQUIPMENT:** Provided by others.

**SPECIAL NOTES:** Compressed air filter provided by others.

**MAIN FILTERS:**  (6) 16" Cartridge, CLEAN 2, std.  
 (6) 16" Cartridge, Fiber Dust, opt.

**HEPA OPTION:**  External HEPA filter, 99.97%

**AD OPTION:**  (2) External adsorbers, 50 lbs., refillable, followed by a 2" poly afterfilter

**OTHER OPTIONS:**  Casters  
 50 Hz  
 575 Volt  
 Single phase  
 Silencer  
 Raincap

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

**CHART A**

MOTOR/BLOWER OPTIONS	MTR/BLWR HEIGHT	dBA	dBA WITH SILENCER
3 HP, RADIAL	15.00"	90	78
5 HP, RADIAL	19.50"	95	80
5 HP, BI	23.38"	84	75

MOTOR/BLOWER OPTION	"wg EXTERNAL ADDED STATIC								
	1	2	3	4	5	6	7	8	9
3 HP, RADIAL	1650	1600	1550	1450	1370	1180	910	605	—
5 HP, RADIAL	2000	1950	1875	1750	1600	1450	1300	1125	925
5 HP, BI	3450	3250	3000	2650	2250	1700	—	—	—

CUBIC FEET PER MINUTE (CFM)

**Part # Description**

**Main System / Part**

- DC-6 Cartridge dust collector w/(6) Clean 2® filters, front load, 3 HP motor/blower with AMCA Type B spark resistant aluminum blower wheel, 4.25 ft<sup>3</sup>, 11" deep removable dust pan, & auto-clean Vibra-Pulse® cleaning system with ½" regulator.
- DC-6-H55 Cartridge dust collector w/55 gal. hopper, (6) Clean 2® filters, front load, 3 HP motor/blower with AMCA Type B spark resist. aluminum blower wheel, 4.25 ft<sup>3</sup>, 11" deep removable dust pan, & auto-clean Vibra-Pulse® with ½" regulator.

**Fan / Motor Upgrades or Options (when ordering main unit)**

- DC-6-5HP-BI 5HP BI Blower Option for Standard DC-6 Unit
- DC-6-5HP-R 5HP Radial Motor Option for Standard DC-6 Unit
- DC-6-7.5HP-BI 7.5HP BI Blower Option for Standard DC-6 Unit
- DC-6-BIN VENT Filter Unit w/3HP Blower (less dust tray) Option for Standard DC-6 Unit
- DC-6-DEL Delete 3HP Blower from Standard Units (add nothing) Option for Standard DC-6 Unit

**Filter Options (when ordering main unit)**

- DC-6-EXT-AD2 External AD-2000 CFM (Includes Silencer) Option for Standard DC-6 Unit
- DC-6-EXT-AD4 External AD-4000 CFM (Includes Silencer) Option for Standard DC-6 Unit
- DC-6-EXT-HE2 External Hepa-2000 CFM (Includes Silencer) Option for Standard DC-6 Unit
- DC-6-EXT-HE4 External Hepa-4000 CFM (Includes Silencer) Option for Standard DC-6 Unit
- DC-6-FD FiberDust Cartridge Filter Option for Standard DC-6 Unit
- DC-6-HYD-045 Hydro-filter designed to help eliminate sparks. C/w 45 gallon drum, easy to remove lid, water level gauge, and all required ductwork

**Preventative Maintenance Pressure Gauges, etc. (when ordering main unit)**

- DC-6-PG-10 0-10" magna-helic pressure gauge, approximately 5" diameter size. Surf:cc mounted.

**Misc. Options**

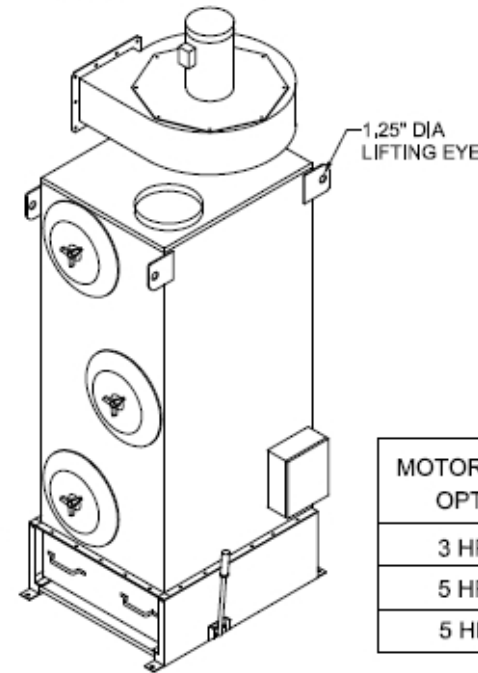
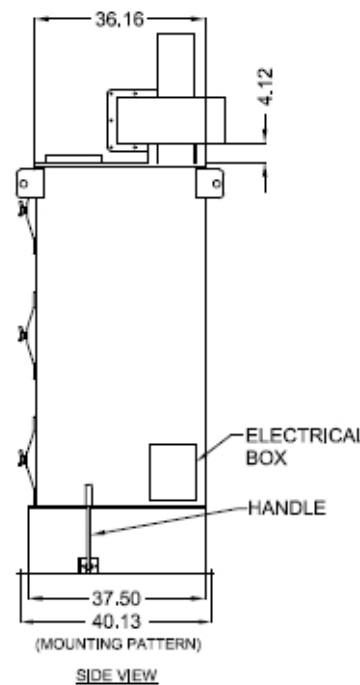
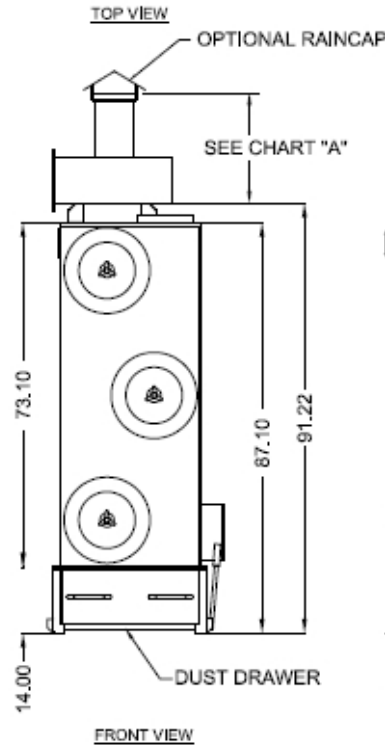
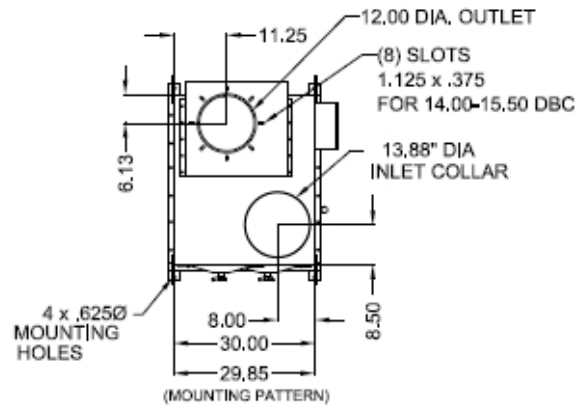
- DC-6-HOPPER Hopper/stand option (no dust pans) - 3 HP blower, available with all other options. Capacity: 4.25 cu ft. Includes legs and lid for 55 gal. drum (Add 2 to ship weight.)
- DC-6-HOPPER-20 20 Gal. Hopper Option for Standard DC-6 Unit
- DC-6-HOPPER-5 5 Gal. Hopper Option for Standard DC-6 Unit
- DC-6-M/C-6 Manual Vibra Clean System Option for Standard DC-6 Unit
- DC-6-VENT Explosion vent door, 2.25 ft.2. (Add 20 lbs to ship weight.)
- DC-6-BLOCK OFF Block Off Components Option for Standard DC-6 Unit
- DC-6-CHK DAMPER Inlet Check Damper Option for Standard DC-6 Unit
- DC-6-EXP VENT Explosion Vent Door Option for Standard DC-6 Unit
- DRUM-45 45 imperial gallon (55 US gallons) steel drum c/w lid.

**Sound Attenuation**

- DC-6-SR Silencer 3HP, 5HP radial blowers.
- DC-6-SR-BI Silencer for 5 and 7.5 BI blowers.
- DC-6-S-BI 5 & 7.5HP BI Blower Silencer Option for Standard DC-6 Unit
- DC-6-S-RAD 3 & 5HP Radial Silencer Option for Standard DC-6 Unit

**Installation Option & Accessories**

- DC-6-GATE Slide Gate Option for Standard DC-6 Unit
- DC-6-RS Rain Shield Kit Option for Standard DC-6 Unit



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

**04-03 DC-6**

**CARTRIDGES DUST COLLECTOR**

Specification Drawing

Drawing No.: - File Name: (04-03) DC-6 - SD  
 Material: Product manufactured by: **Airflow SYSTEMS INC.** Sheet: 2/2