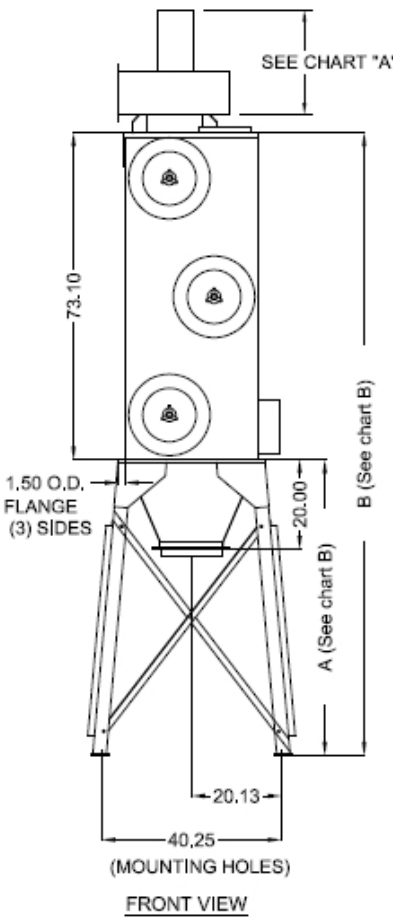


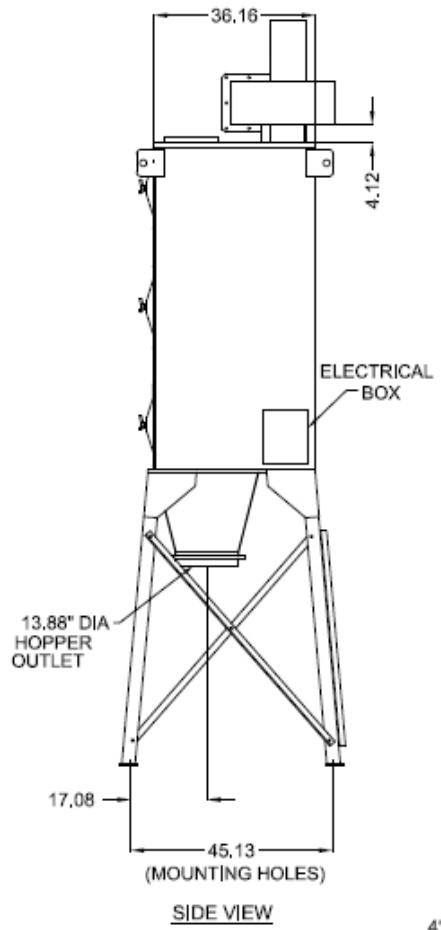
CHART B

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

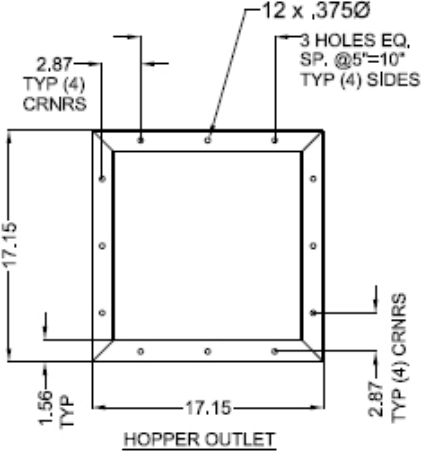
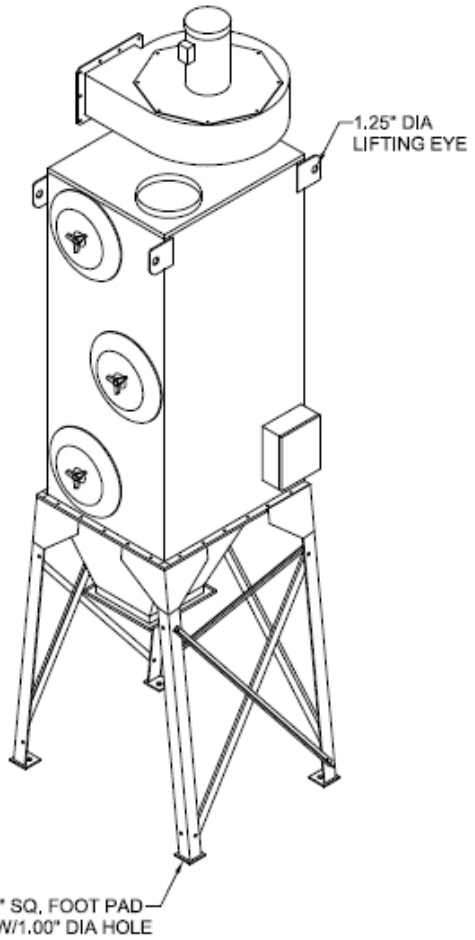
TOP VIEW



FRONT VIEW



SIDE VIEW



HOPPER OUTLET

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	—	—	—
7.5 HP, BI	4300	4100	3950	3650	3300	2900	—	—	—

CUBIC FEET PER MINUTE (CFM)

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

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/dlconnects NOT INCLUDED.

WEIGHT: 783 lbs.

AIRFLOW: See chart below

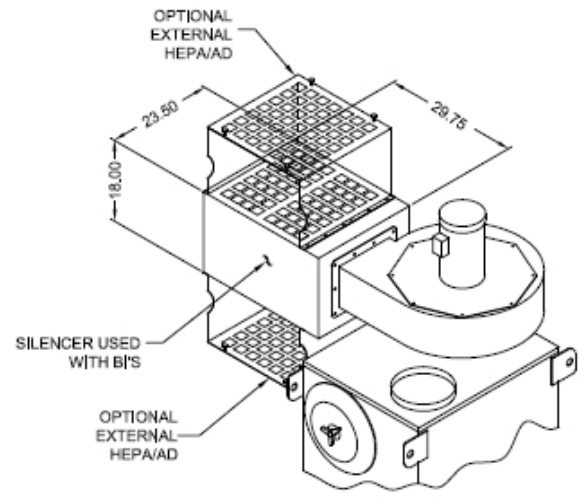
NOISE: See chart "A"

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.

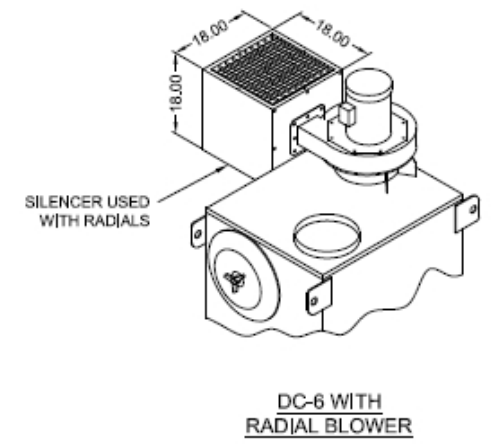
SPECIAL NOTES: Compressed air filter provided by others.

OPTIONAL SILENCERS



SILENCER USED WITH BIFS

OPTIONAL EXTERNAL HEPA/AD



SILENCER USED WITH RADIALS

DC-6 WITH RADIAL BLOWER

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 ft³, 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 ft³, 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

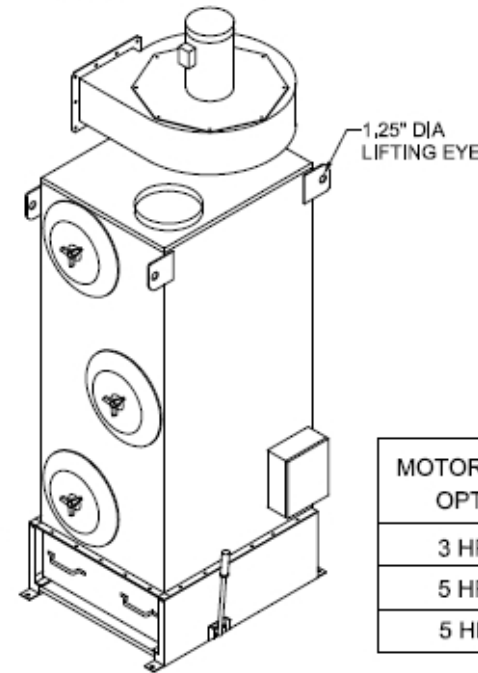
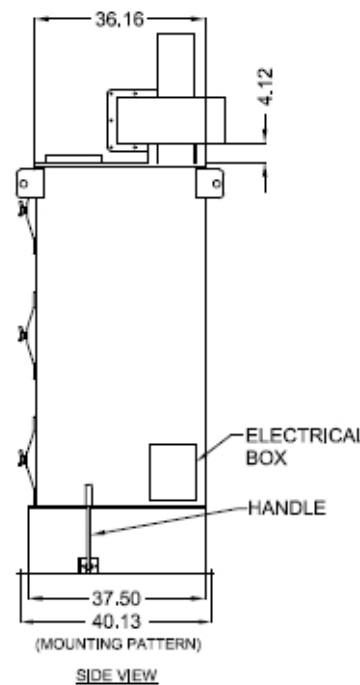
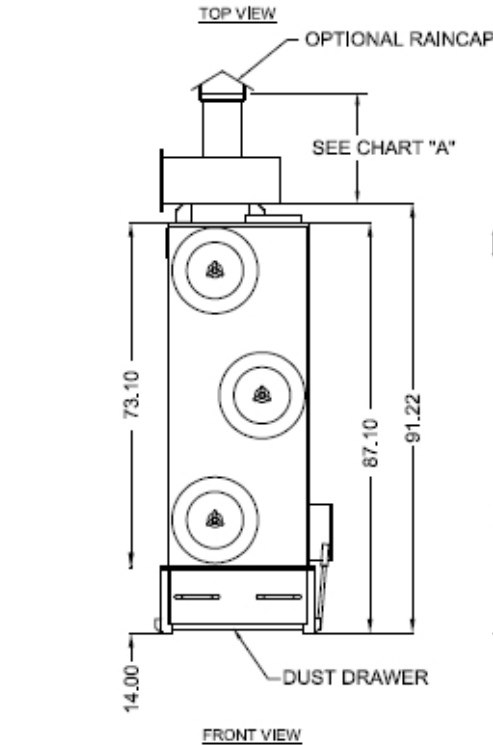
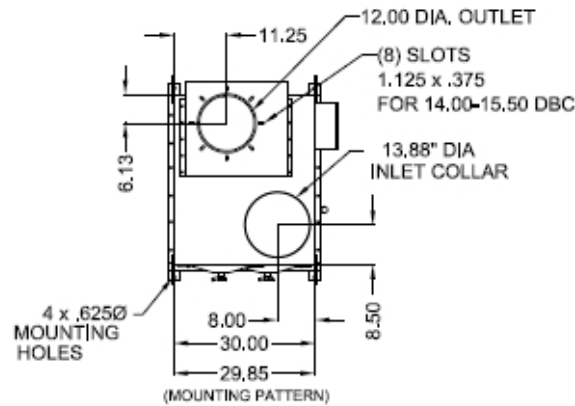
- DC-6-HOPPER Hopper/stand option (no dust pans) - 3 HP blower, available with all other options. Capacity: 4.25 cu ft. Includes legs and lid for 55 gal. drum (Add 2 to ship weight.)
- DC-6-HOPPER-20 20 Gal. Hopper Option for Standard DC-6 Unit
- DC-6-HOPPER-5 5 Gal. Hopper Option for Standard DC-6 Unit
- 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