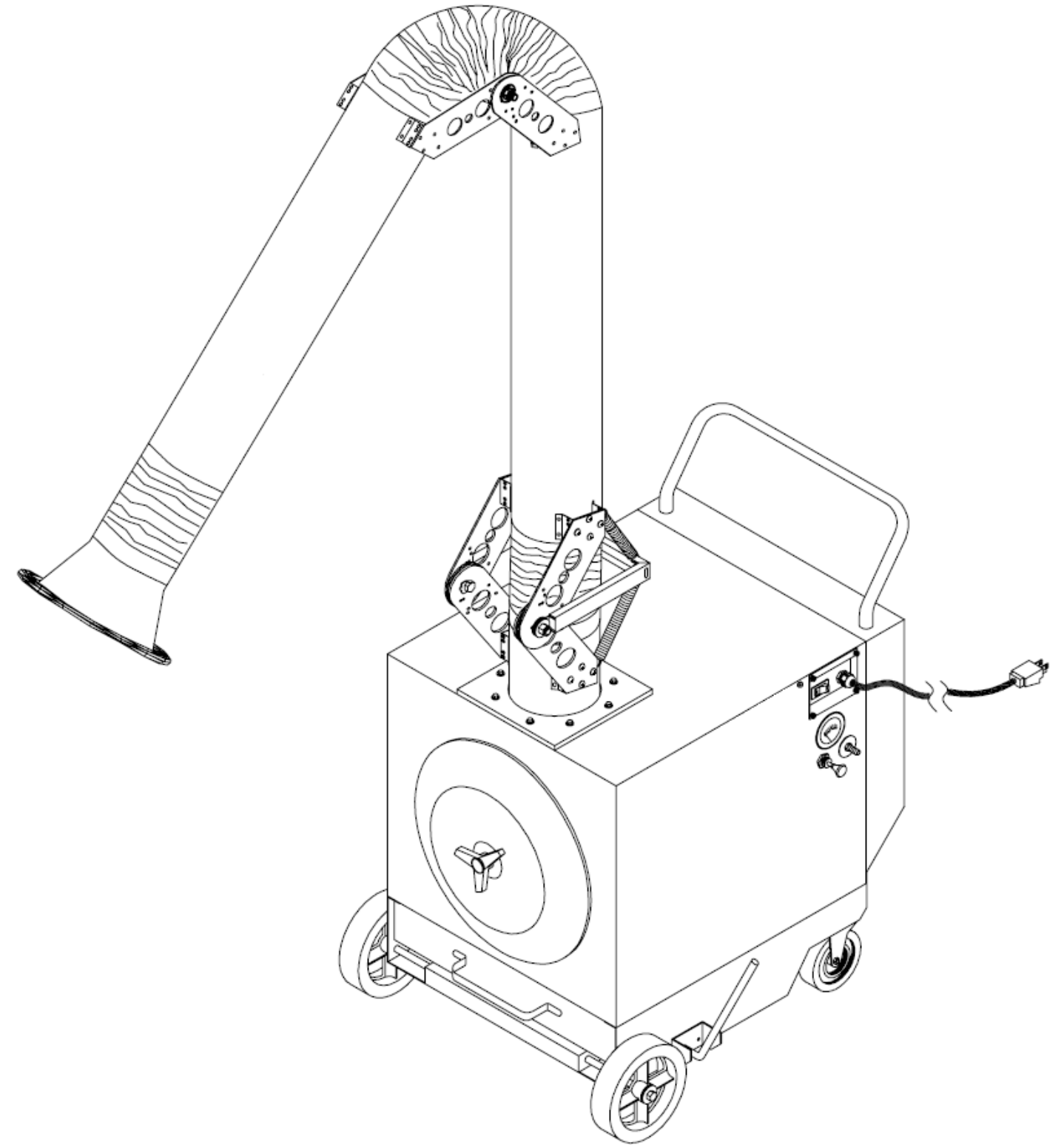
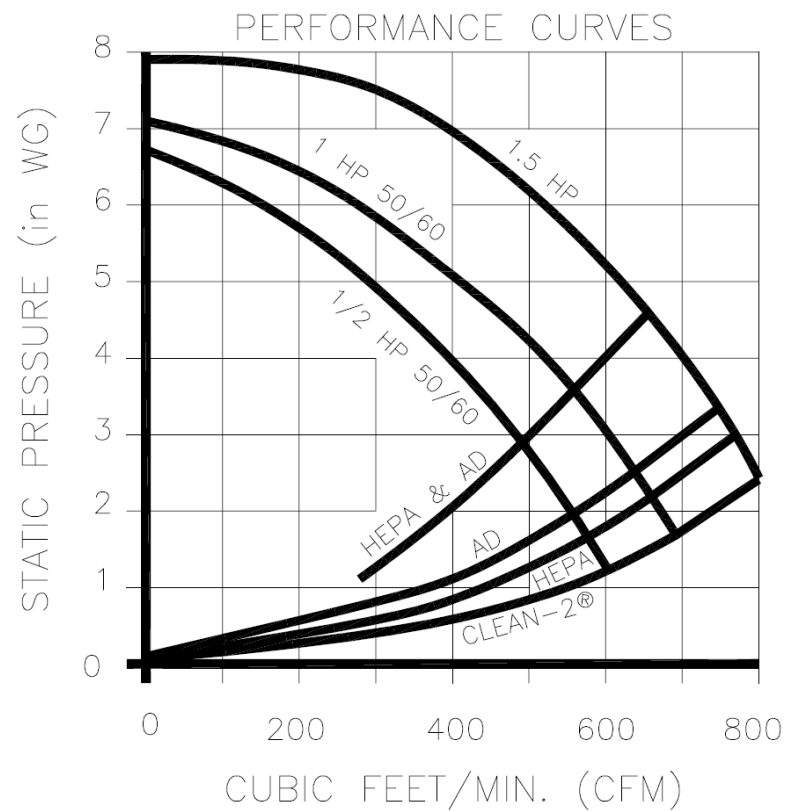
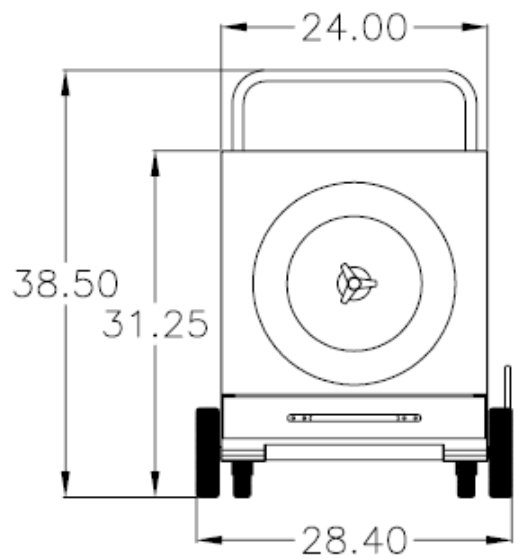


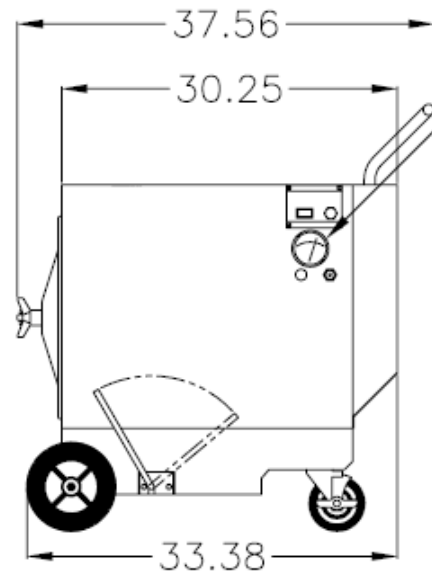
TOP VIEW
(SHOWN LESS ARM)



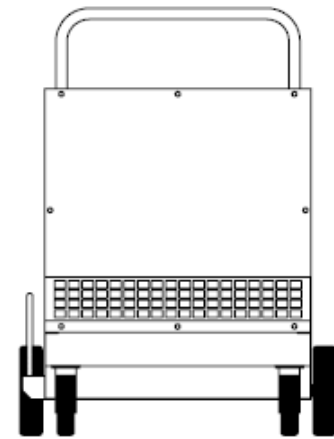
02-02



BACK VIEW
(SHOWN LESS ARM)



SIDE VIEW
(SHOWN LESS ARM)



FRONT VIEW
(SHOWN LESS ARM)

OPTIONAL
PRESSURE
GAUGE
SHOWN

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

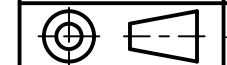
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Drawn by:	DAN
Date:	3/22/2008
Scale:	NTS
Weight:	N/A

02-02 PCH-1
PORTABLE DUST COLLECTOR
Specification Drawing

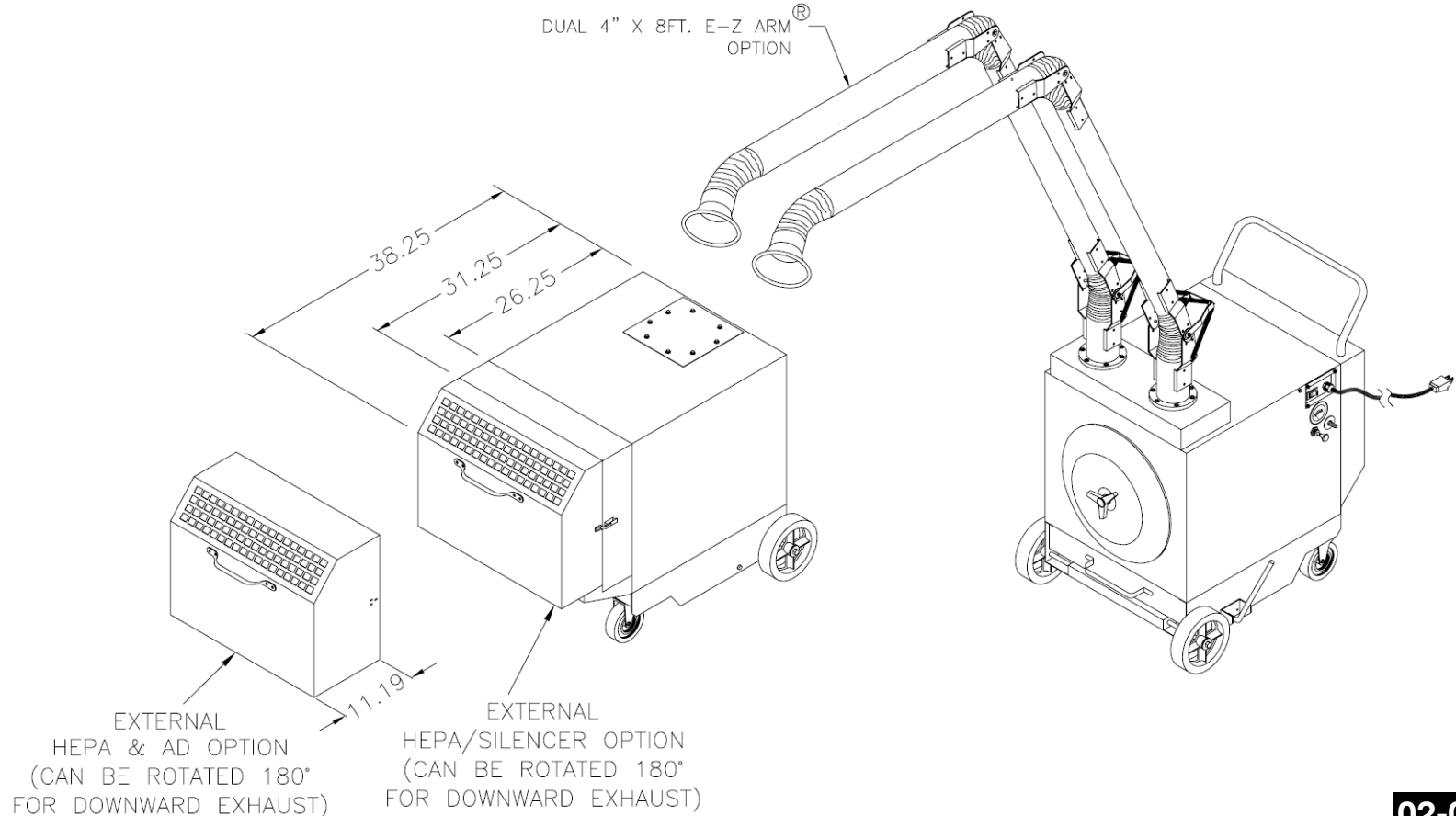


Drawing No.:	-	File Name:	PCH-1 - SD
Material:		Product manufactured by:	

Sheet: 1/2

Part #	Description
Main System / Part	
<input type="checkbox"/> PCH-1-1.5HP-1	800 cfm portable cartridge collector with (1) 7' long E-Z Arm® high flow extractor (WITH DAMPER), (1) CLEAN-2® cartridge filter (150 sq.ft. of media), manual VIBRA-PULSE® filter cleaning system, a 1.5 Hp TEFC motor 115/1/60Hz (12/6 amps), backward incline blower, removable 5 gallon external dust drawer, 8" front wheels and 5" rear swivel casters. 70 dBA
<input type="checkbox"/> PCH-1-1.5HP-2	800 cfm portable cartridge collector with (1) 7' long E-Z Arm® high flow extractor (WITH DAMPER), (1) CLEAN-2® cartridge filter (150 sq.ft. of media), manual VIBRA-PULSE® filter cleaning system, a 1.5 Hp TEFC motor 230/1/60Hz (12/6 amps), backward incline blower, removable 5 gallon external dust drawer, 8" front wheels and 5" rear swivel casters. 70 dBA
<input type="checkbox"/> PCH-1-1.5HP-3	800 cfm portable cartridge collector with (1) 7' long E-Z Arm® high flow extractor (WITH DAMPER), (1) CLEAN-2® cartridge filter (150 sq.ft. of media), manual VIBRA-PULSE® filter cleaning system, a 1.5 Hp TEFC motor 230/460/3/60Hz (12/6 amps), backward incline blower, removable 5 gallon external dust drawer, 8" front wheels and 5" rear swivel casters. 70 dBA
<input type="checkbox"/> PCH-1-1.5HP-4	800 cfm portable cartridge collector with (1) 7' long E-Z Arm® high flow extractor (WITH DAMPER), (1) CLEAN-2® cartridge filter (150 sq.ft. of media), manual VIBRA-PULSE® filter cleaning system, a 1.5 Hp TEFC motor 575/3/60Hz (12/6 amps), backward incline blower, removable 5 gallon external dust drawer, 8" front wheels and 5" rear swivel casters. 70 dBA
<input type="checkbox"/> PCH-1-1HP	700 cfm portable cartridge collector with (1) 7' long E-Z Arm® high flow extractor (WITH DAMPER), (1) CLEAN-2® cartridge filter (150 sq.ft. of media), manual VIBRA-PULSE® filter cleaning system, a 1 Hp TEFC motor 115/230/1/60Hz (12/6 amps), backward incline blower, removable 5 gallon external dust drawer, 8" front wheels and 5" rear swivel casters. 70 dBA

Part #	Description
Fan / Motor Upgrades or Options (when ordering main unit)	
<input type="checkbox"/> PCH-1-1/2HP	Replace standard 1 HP motor with a 1/2HP, TEFC motor, 115/230/1/60, BI (600 CFM)
Extraction Arms	
<input type="checkbox"/> PCH-1-7E10-DD	(1) 10' Long E-Z Arm Option for Standard PCH-1 Unit. Note: this is the upgrade cost and already includes the price deduction for the 7' arm.
<input type="checkbox"/> PCH-1-DA-4-DD	(2) 4" dia., x 8' long Option for Standard PCH-1 Unit
Filter Options (when ordering main unit)	
<input type="checkbox"/> PCH-1-EXAD	External AD Gas & Vapor adsorption Module Option
<input type="checkbox"/> PCH-1-EXDOP	External 95% DOP Filter Option
<input type="checkbox"/> PCH-1-EXHE	External 99.97% HEPA Filter Option
<input type="checkbox"/> PCH-1-EXT HE/AD	Kit using EXTERNAL HEPA and EXTERNAL AD options. Order Charcoal Separately.
Preventative Maintenance Pressure Gauges, etc. (when ordering)	
<input type="checkbox"/> PCH-1-PG-6	0-6" magna-helic pressure gauge, approximately 5" diameter size. Surface mounted.
Misc. Options	
<input type="checkbox"/> OM-019/160	Standing Flange for mounting Flexi-I Arms on DCH/PCH units
Sound Attenuation	
<input type="checkbox"/> PCH-1-S-EXT	External Silencer Option
Fan, Light & Other Electrical Accessories	
<input type="checkbox"/> PCH-1-LTH65	Light Kit on Option for Standard PCH-1 Unit
<input type="checkbox"/> PCH-1-LTH65L	Light Kit, Switch for light on hood Option for Standard PCH-1 Unit
<input type="checkbox"/> PCH-1-LTH65LB	Light Kit, Switches for light and unit on hood Option for Standard PCH-1 Unit
Retro-Fit Parts	
<input type="checkbox"/> 2KT51733	External HEPA Retrofit Kit for PCH-1, PCH-2, DCH-1, DCH-2, DTH-800, DTH-1700
<input type="checkbox"/> 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.
<input type="checkbox"/> 2KT51739	External HEPA & AD Retrofit Kit for PCH-1, PCH-2, DCH-1, DCH-2, DTH-800, DTH-1700. Charcoal not included. Please order charcoal separately.
<input type="checkbox"/> 2KT51768	External Silencer Retrofit Kit for PCH-1, PCH-2, DCH-1, DCH-2, DTH-800, DTH-1700



CONSTRUCTION: 12/14/16 Gauge steel cabinet finished with Powder-Coat Finish. Includes a 5 gallon external dust drawer, 7' E-Z ARM® High Flow Extractor arm, removable end cap for easy access to filter, removable panel for easy access to B.I. motor/blower, 8" casters, 25' 12 Ga. power cord, and on-off switch. Motor wired to junction box outside unit for 3 phase. Acoustical lining standard in blower compartment. Vibra-Pulse® cleaning standard.

WEIGHT: 254 lbs.

AIRFLOW: 600 CFM with opt. 1/2 HP motor
700 CFM with std. 1 HP motor
800 CFM with opt. 1.5 HP motor

NOISE: 65 dBA - 1/2 HP
70 dBA - 1 HP

ELECTRICAL: 1 HP 115/1/60, 12 amps, std.
 1 HP 208-230/460/3/60, 3.7-3.6/1.8 amps, opt
 1.5 HP 115/208-230/1/60, 15/7.9-7.5 amps, opt.
 1.5 HP 208-230/460/3/60, 4.9-4.6/2.3 amps, opt
 1/2 HP 115/1/60, 9.8 amps, opt

FIRE SUPPRESSION: Equipment provided by others.

SPECIFICATIONS:

MAIN FILTERS: (1) CLEAN-2® Filter cartridge, 16"Dx12", Std.
 (1) Cartridge, FIBERDUST®, Opt.
 (1) Cartridge, Spark Resistant, Opt.
 (1) Cartridge, Spunbond - H0, Opt.
 (1) Cartridge, CleanPlus double treated fire retardant, Opt.

AFTER FILTERS: (1) External HEPA filter, 99.97%, Opt.
 (1) External DOP filter, 95%, Opt.
 (1) External adsorber, 18 lb. capacity, Opt.
 (1) Activated Charcoal, Opt.
 (1) Purofil, Opt.

OTHER OPTIONS: Pressure gauge kit indicates filter changes
 10' E-Z ARM® High Flow Extractor
 Regulator
 Silencer (Adds 8" to depth of unit)

SPECIAL NOTES: Compressed air filter provided by others.
* AFS FILTER EFFICIENCIES BASED ON ASHRAE 52-76 TEST METHOD

02-02

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

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Drawn by:	DAN
Date:	3/22/2008
Scale:	NTS
Weight:	N/A

02-02 PCH-1
PORTABLE DUST COLLECTOR
Specification Drawing

Drawing No.: - File Name: PCH-1 - SD
Material: Product manufactured by: **Airflow SYSTEMS INC.** Sheet: 2/2