

# PCH-1 Portable Dust Collector



## Features & Benefits

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- **Complete, self-contained unit:**  
Includes 7-ft. E-Z Arm® High Flow Extractor Arm, blower, and filter cartridge.
- **Direct-drive 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:**  
Low center of gravity for easy maneuverability and arm positioning.
- **Heavy-Duty, 25-ft. power cord:**  
Maximizes system portability and positioning during operation.

## Dimensions

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Width:	24.00"
Height:	31.00"
Length:	37.00"

## Options

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- **Pressure Gauge Kit:**  
Indicates when filters require cleaning.
- **10-ft. E-Z Arm® High Flow Extractor Arm:**  
Replaces standard 7-ft. E-Z Arm® for additional reach and peak system performance.
- **Cartridge Media:**  
Available for specific applications.
- **After-Filters:**  
99.97% HEPA, 95% DOP and odor modules.
- **65-Watt Halogen Light Kit:**  
Improves worker visibility.

## Specifications

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- **Construction:**  
12/14/16 ga. welded steel, powder coated cabinet
- **Blower Pkgs (HP):**  
1.0, 1.5
- **Noise Level (dBA):**  
74
- **Electrical:**  
1.0 HP - 115/1/60, 12 amps, std.,  
1.5 HP - 115/208-230/1/60, 15/7.9-7.5/2.3 amps, opt.
- **Nominal CFM (in.):**  
600/800, 1.0/1.5 HP, 60 Hz  
600, 50 Hz
- **Weight (lbs.):**  
254

**SPECIFICATIONS:**

**CONSTRUCTION:**

12/14/16 Gauge steel cabinet finished with Powder-Coat Finish. Includes a 5 gallon external dust drawer, 7' E-Z ARM<sup>®</sup> High Flow Extractor arm, removable end cap for easy access to filter, removable panel for easy access to direct drive 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<sup>®</sup> cleaning standard.

**MAIN FILTERS:**

- (1) CLEAN-2<sup>®</sup> Filter cartridge, 16"Dx12", Std.
- (1) Cartridge, FIBERDUST<sup>®</sup>, Opt.
- (1) Cartridge, Spark Resistant, Opt.
- (1) Cartridge, Sunbond - H<sub>2</sub>O, Opt.
- (1) Cartridge, CleanPlus double treated fire retardant, Opt.

**AFTER FILTERS:**

- (1) External HEPA filter, 99.97%
- (1) External DOP filter, 95%
- (1) External adsorber, 25 lb. capacity
- (1) Activated Charcoal
- (1) Purfill

**OTHER OPTIONS:**

- Pressure gauge kit indicates filter changes
- 10' E-Z ARM<sup>®</sup> High Flow Extractor
- Regulator
- Silencer (Adds 3" to depth of unit)

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

**ELECTRICAL:**

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

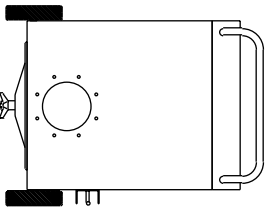
**NOISE:**

- 254 lbs.
- 600 CFM with std. 1 HP motor
- 800 CFM with opt. 1.5 HP motor
- 74 dBA

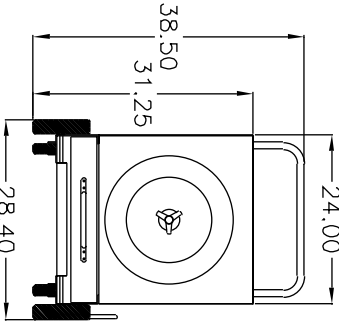
**FIRE SUPPRESSION:** Equipment provided by others.

**SPECIAL NOTES:**

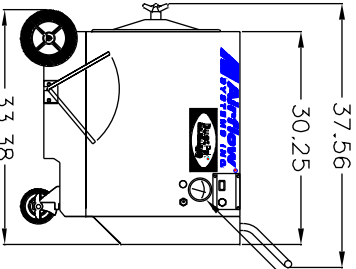
Compressed air filter provided by others.



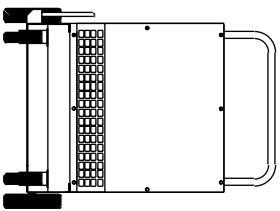
TOP VIEW  
(SHOWN LESS ARM)



BACK VIEW  
(SHOWN LESS ARM)

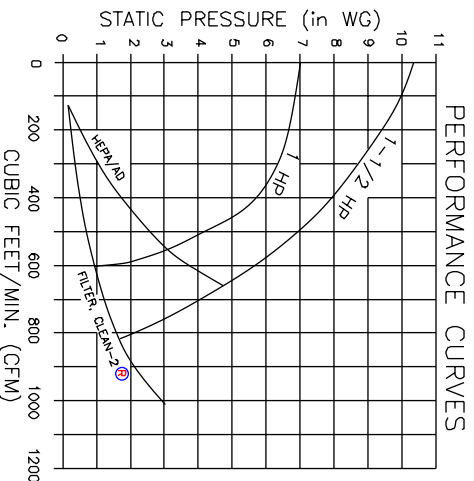
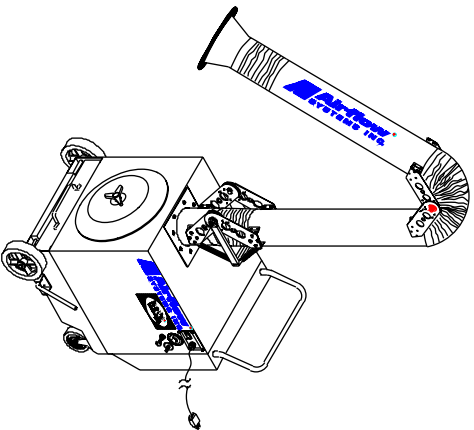


SIDE VIEW  
(SHOWN LESS ARM)



FRONT VIEW  
(SHOWN LESS ARM)

OPTIONAL  
PRESSURE  
GAUGE  
SHOWN



**NOTES:**

Items designated as  are included in this proposal.

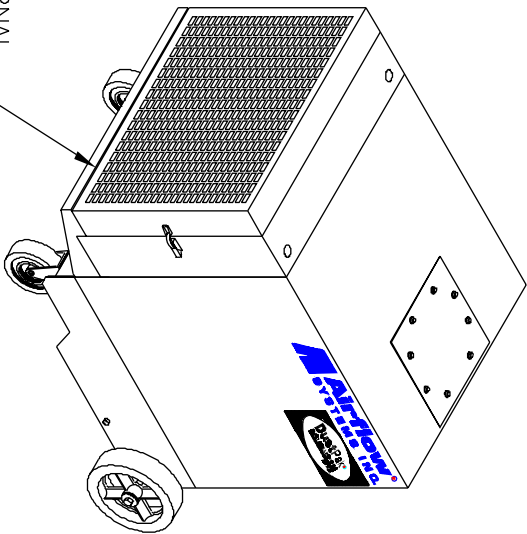
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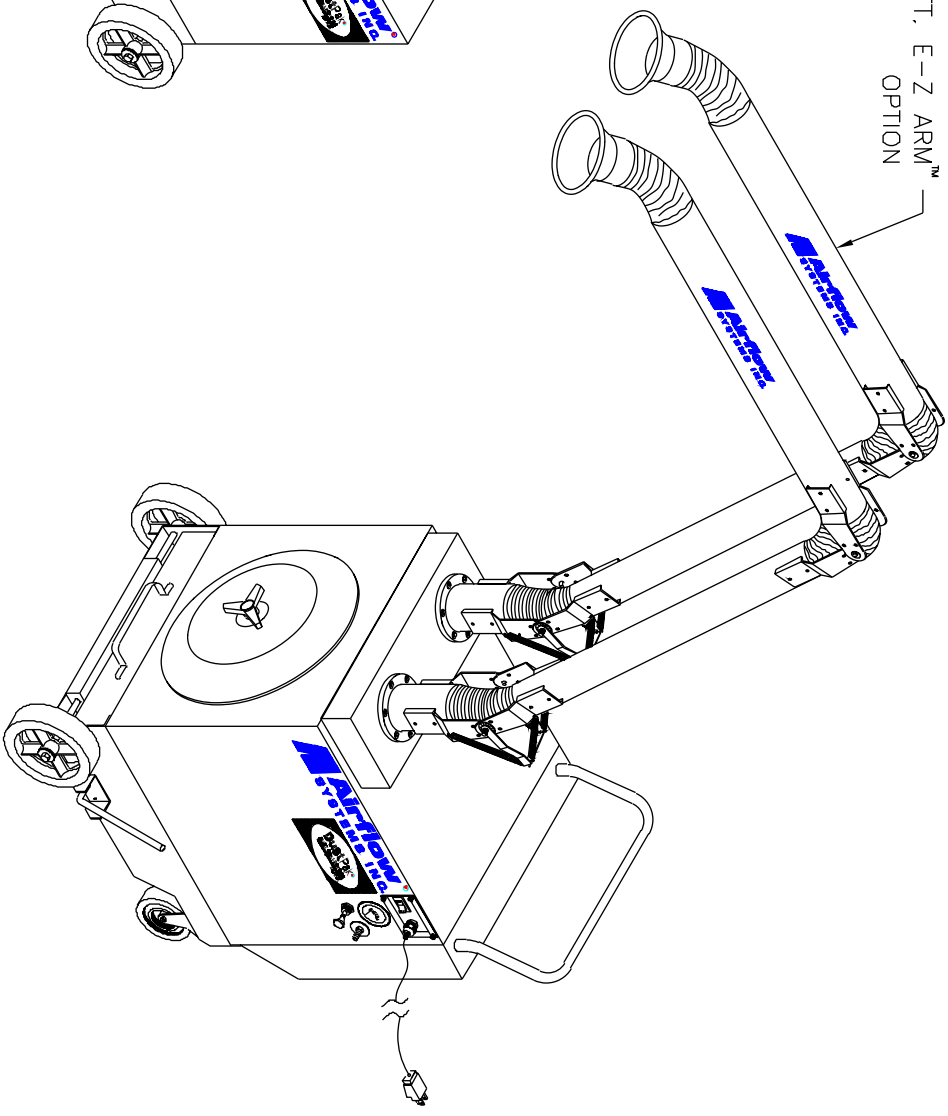
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SCALE:

TITLE: MODEL PCH1 (CARTRIDGE)  
PAGE 1 OF 2  
DRAWING NO.: PCH1SPEC (51-2877/C)

EXTERNAL  
HEPA/AD/DOP OPTION



DUAL 4" X 8FT. E-Z ARM™  
OPTION



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