

V1 High Vacuum Filtration System



Features & Benefits

- **Dual Blower:**
2 brush type motors designed for intermittent duty.
- **Non-electrostatic operation:**
High reliability, low maintenance.
- **Over 99% efficient collection:**
Simplifies OSHA and insurance compliance.

Dimensions

Width:	16.00"
Height:	16.00"
Length:	30.00"

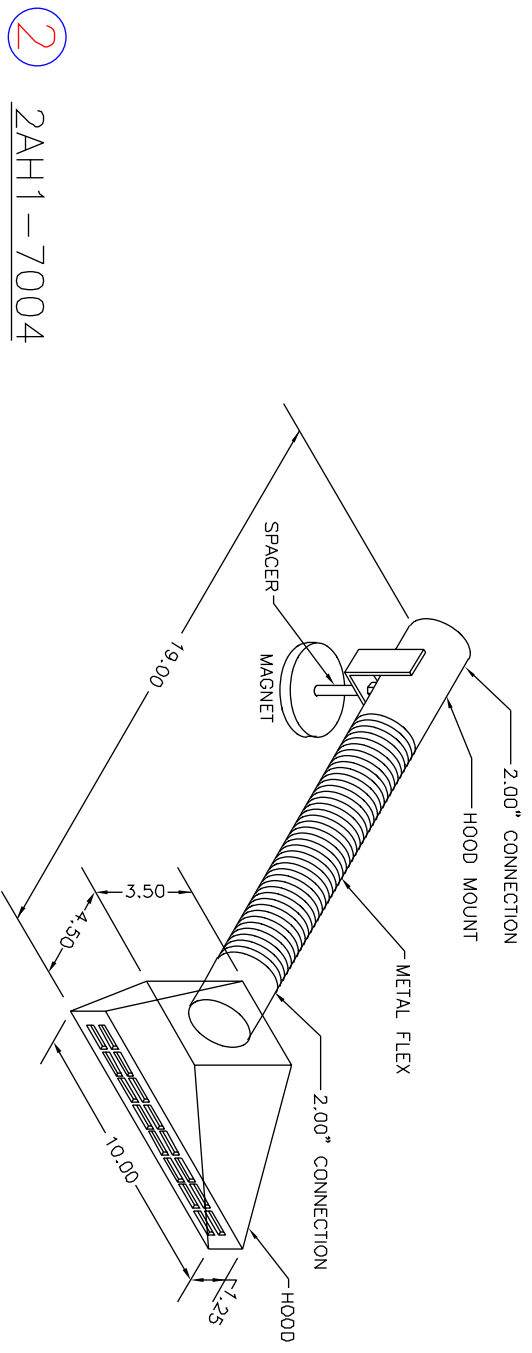
Options

- **Continuous-duty blower:**
Provides longer life and greater reliability.
- **HEPA High Efficiency After-Filter:**
Provides 99.97% filtration efficiency.
- **115V Electrical:**
Plugs into any standard outlet.
- **Cyclone Prefilter**
- **Portable Package:**
Includes big wheel kit, two-piece wand, and floor sweep tool.

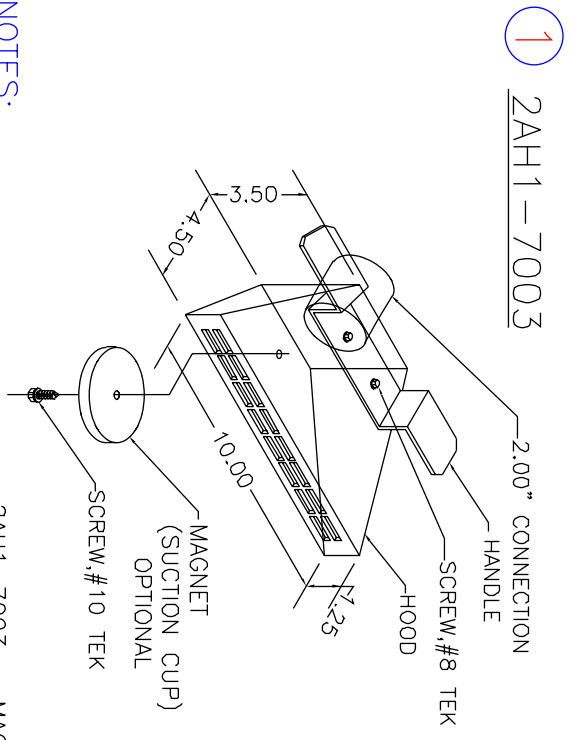
Specifications

- **Construction:**
14/12 ga. steel cabinet, powder coated
- **Blower Pkgs:**
Dual Brush Motors
Single continuous duty motor
- **Noise Level (dBA):**
74
- **Electrical:**
Dual - 115V, 16 amps
Single - 115V, 15.6 amp
- **Nominal CFM (in.):**
200 Dual
100 Single
- **Weight (lbs.):**
77

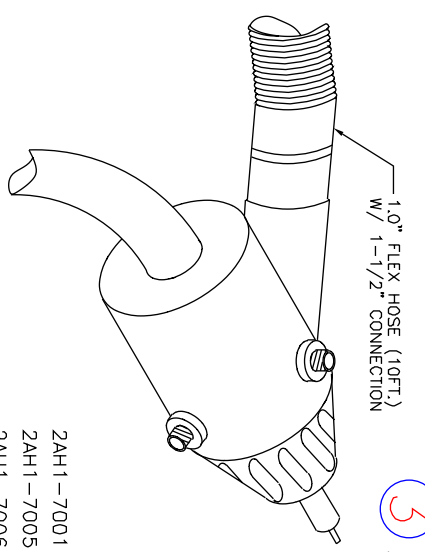
Diversified Air Systems, Inc.
Phone: 800-264-8958
Email: info@divers-air.com
www.divers-air.com



2 2AH1-7004



1 2AH1-7003



3 2AH1-7001

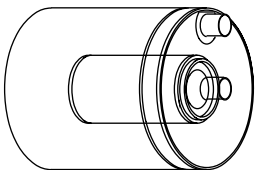
*FITS MOST
 250 - 400 AMP GUNS
 2AH1-7001 = 250-400 AMP GUNS
 2AH1-7005 = PUSH-PULL GUNS
 2AH1-7006 = LARGE AUTOMATICS

THE DEVICE DEPICTED AND DESCRIBED
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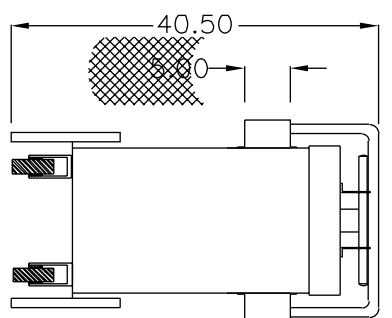
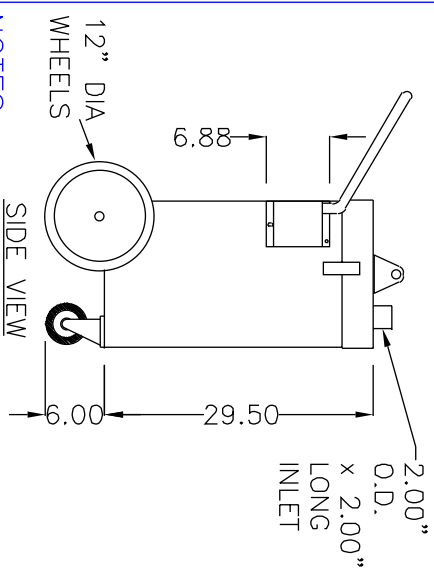
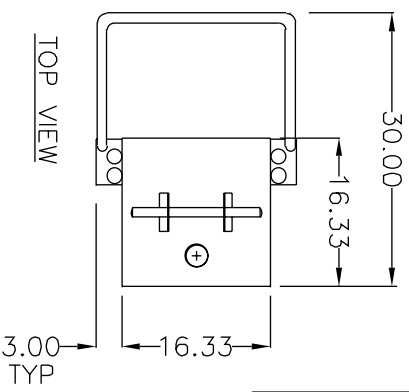
Diversified Air Systems, Inc.
 Phone: 800-264-8958

DRAWN BY JRS	TITLE V-1 HOOD ACCESSORIES
DATE 4-21-97	DRAWING NO.: V1HOODAC (REV A)
SCALE NTS	

NOTES:
 2AH1-7003 = MAGNET
 2AH1-7009 = SUCTION CUP



OPTIONAL
CYCLONE
PREFILTER
WITH OR
WITHOUT
INTERNAL
CARTRIDGE



SPECIFICATIONS:

CONSTRUCTION: 18 Gauge steel cabinet finished with Powder-Cool Finish. Includes 2" inlet connection and baffled inlet chamber, inlet adapter kit, on-off switch, 6' power cord, cord wrap/handle, big wheel kit, handle, 2 piece wond, and floor sweep tool.

WEIGHT: 77 lbs.

AIRFLOW: 200 CFM max/94" W.C. max (brush motors)
107 CFM max/152" W.C. max (brushless motor)

ELECTRICAL: (2) brush-type mtr/blwrs, 115/1/60, 15.8 total amps, std.
 (2) 230/50/60, 14.0 total amps, (brush), opt.
 (1) 120/60, 15.6 amps, Continuous duty, brushless, opt.
(Not to be used in wet applications.)

NOISE: 74 dBA @ 5' (brush)
68 dBA @ 5' (brushless)

PREFILTERS: (1) Cyclone, opt.
 (1) Cyclone w/Internal cleanable/replaceable cartridge, opt.

MAIN FILTERS: (1) 95% cartridge, std.
 (1) 99.97% HEPA, opt.

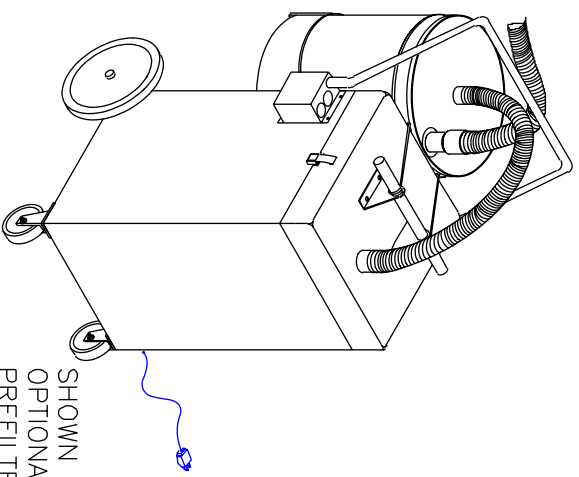
OTHER OPTIONS: Smoke gun attachment
 Grinding hood kits
 Sanding hood kits
 Cyclone hanger

REPLACEMENT PARTS: Motor brushes (replace every 500 hours)

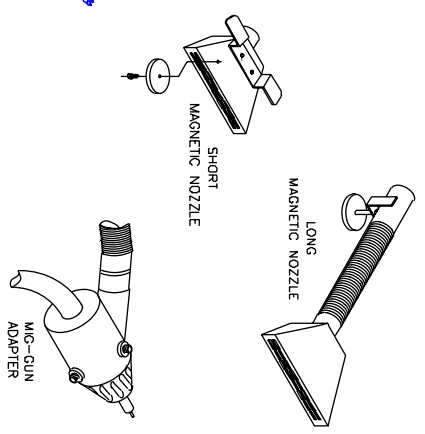
FIRE SUPPRESSION: Equipment provided by others.

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

FROM SOURCE



ACCESSORY HOODS



SHOWN WITH
OPTIONAL CYCLONE
PREFILTER & CYCLONE HANGER

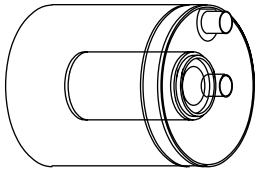
NOTES:
Items designated as are included in this proposal

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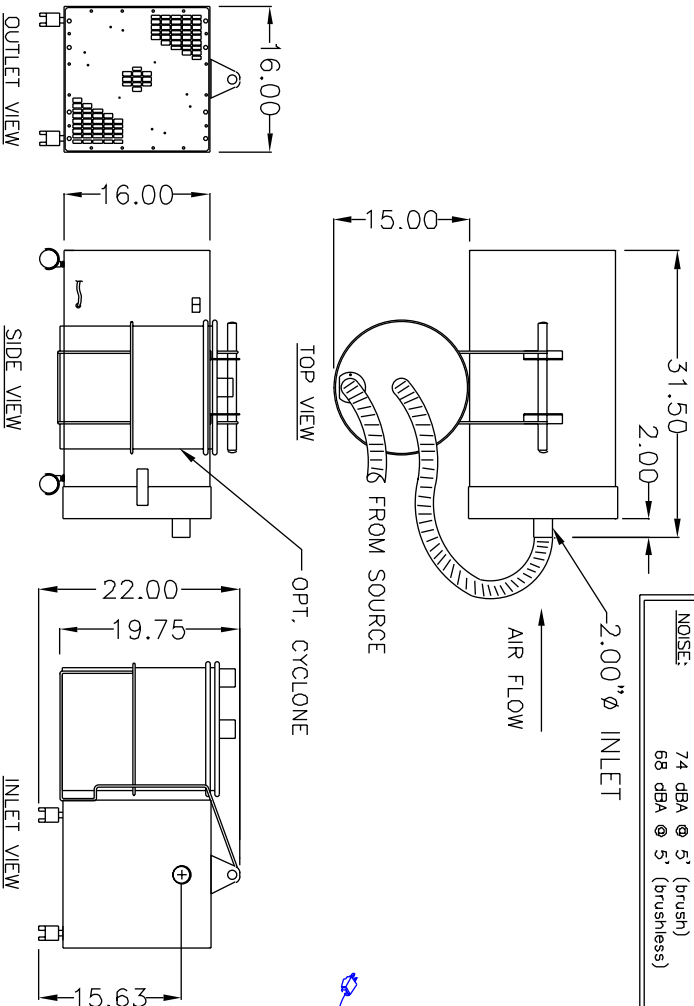
Diversified Air Systems, Inc.
Phone: 800-264-8958

DRAWN BY: CB
DATE: 9-26-00
SCALE:

TITLE: MODEL V1 PORTABLE
DRAWING NO.: V1PRTSPC (95-2856/G)



OPTIONAL CYCLONE
PREFILTER WITH OR
WITHOUT INTERNAL
CARTRIDGE



SPECIFICATIONS:

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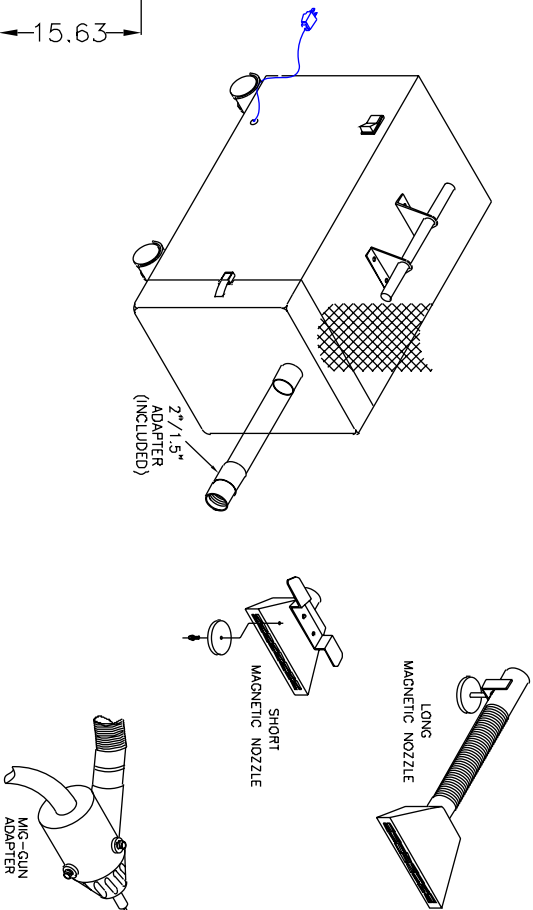
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PREFILTERS: (1) Cyclone, opt.
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ACCESSORY HOODS



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Drawn by CB	TITLE MODEL V1
DATE 9-26-00	
SCALE	DRAWING NO.: V1SPEC (95-2856/G)