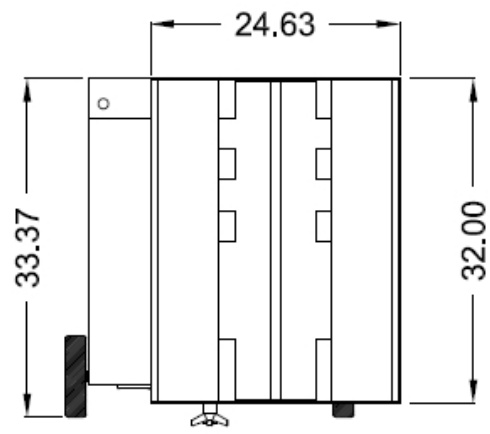


SPECIFICATIONS:



TOP VIEW
(SHOWN LESS GRATE)

CONSTRUCTION: 12/14/16 Gauge steel cabinet finished with Powder-Coat Finish. Includes a 5 gallon external dust drawer, 5" deep aluminum downdraft table with removable aluminum back fence, removable end cap for easy access to filter, removable panel for easy access to B.I. motor/blower, 8" wheels, 5" casters, 25', 12 Ga. power cord, and on-off switch. Motor wired to junction box outside of unit for 3 phase. Acoustical lining standard in blower compartment. Aluminum grating standard.

WEIGHT: 280 lbs.

DOWNDRAFT VELOCITY: 112 FPM with std. 1 HP motor
160 FPM with opt. 1.5 HP motor

NOISE: 75 dBA

ELECTRICAL: 1 HP 115 /1/60, 12 amps, std. Class II Group E
 1.5 HP 208-230/460/3/60, 4.9-4.6/2.3 amps, opt. Class II Group E

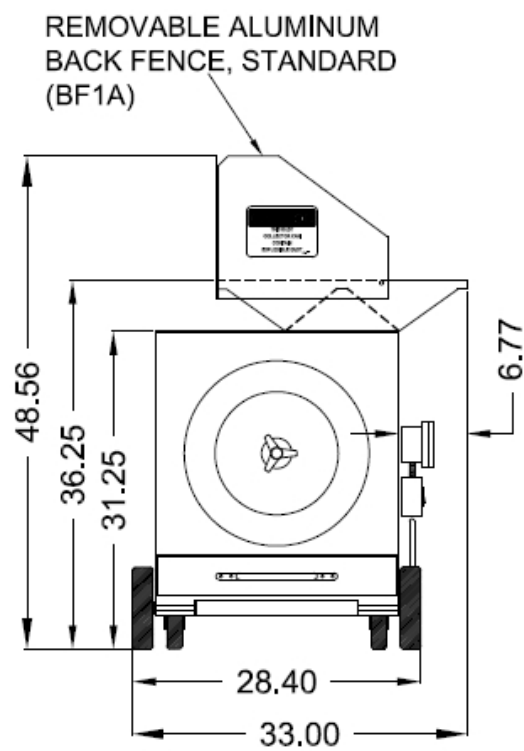
FIRE SUPPRESSION: Equipment provided by others.

MAIN FILTERS: (1) UltraClean-Plus Cartridge Filter

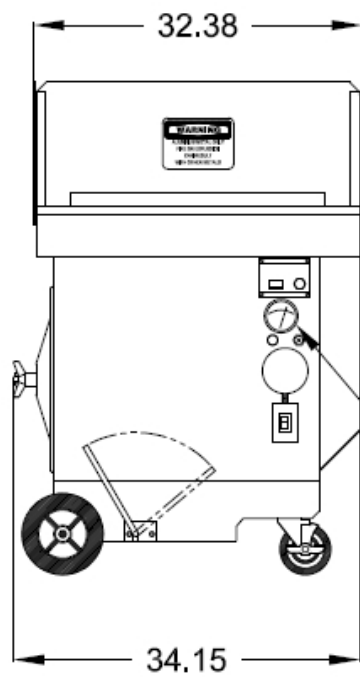
AFTER FILTERS: (1) External HEPA filter, 99.97%, Opt.
 (1) External DOP filter, 95%, Opt.
 (1) External adsorber, 18 lb. capacity, Opt.

OTHER OPTIONS: Pressure gauge kit indicates filter changes
 BF3A
 Fiberglass grate
 Silencer (Adds 8" to depth of unit)

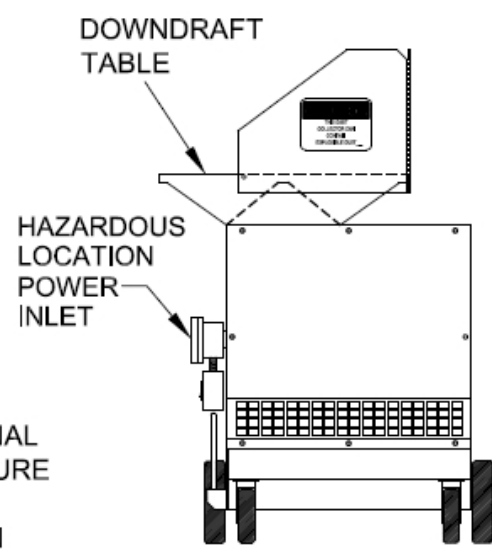
SPECIAL NOTES: Meets NFPA 651 for processing and finishing aluminum when properly used and maintained. (See standard for additional requirements.)



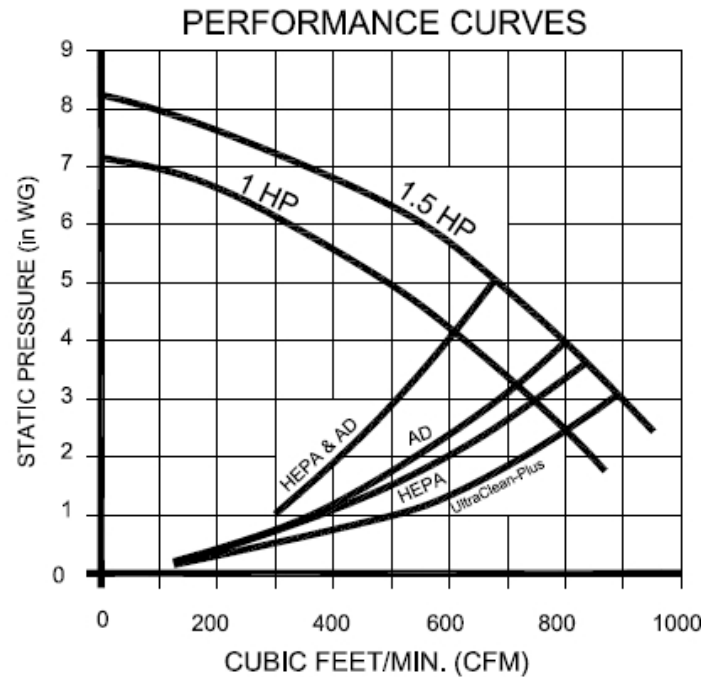
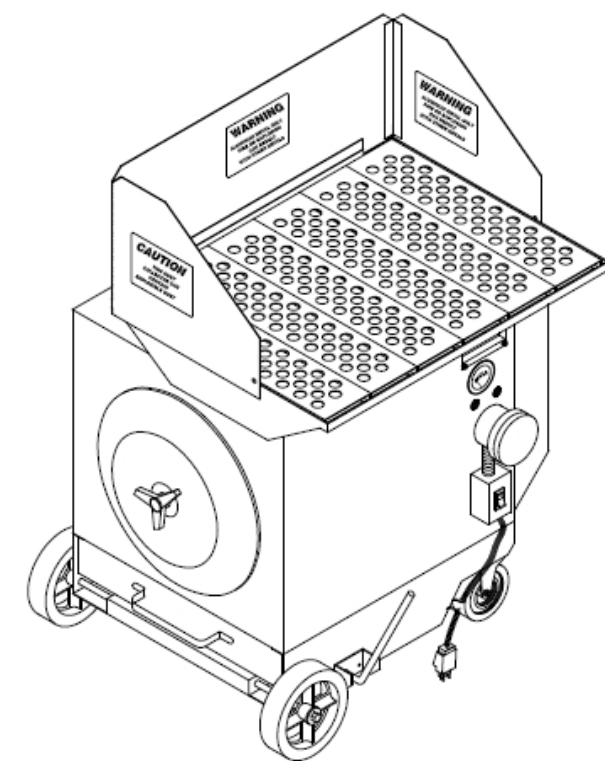
LEFT SIDE



FRONT VIEW



RIGHT SIDE



05-06

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

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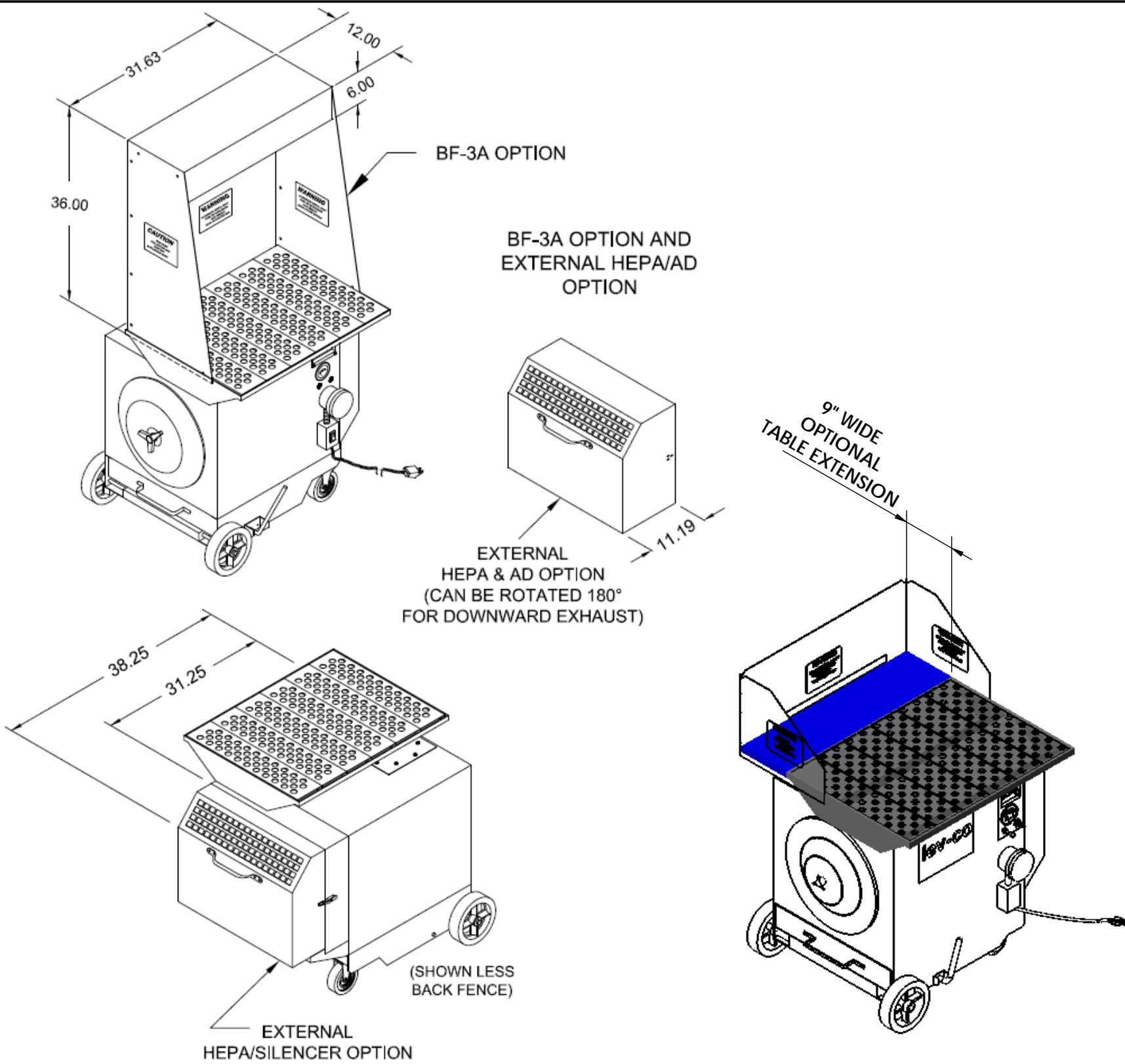


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|-----------|----------|
| Drawn by: | Janos B |
| Date: | 5/5/2008 |
| Scale: | NTS |
| Weight: | N/A |

05-06 ALH1
Downdraft Table
Specification Drawing

Drawing No.: - File Name: (05-06) ALH1 - SD
Material: Product manufactured by: **Airflow SYSTEMS INC.** Sheet: 1/2



MODELS & OPTIONS:

| Part # | Description |
|---|--|
| Main System / Part | |
| <input type="checkbox"/> ALH1-1 | 800 cfm portable downdraft table to collect aluminum dust, 24" deep x 32" wide work surface at 36.25" height. 150 fpm downdraft velocity, with 12" tall aluminum side & back shields and aluminum grate panels. Contains (1) ULTRACLEAN-PLUS™ cartridge filter. (150 sq.ft.) and a 1 Hp Class II, Group E motor. 115/230/1/60 Hz (12/6 amps). Electrical components meet NFPA requirements for Class II, Group-E. (ALUMINUM DUST). 71 dBA |
| <input type="checkbox"/> ALH1-2 | 800 cfm portable downdraft table to collect aluminum dust, 24" deep x 32" wide work surface at 36.25" height. 150 fpm downdraft velocity, with 12" tall aluminum side & back shields and aluminum grate panels. Contains (1) ULTRACLEAN-PLUS™ cartridge filter. (150 sq.ft.) and a 1 Hp Class II, Group E motor. 230/460/3/60 Hz (12/6 amps). Electrical components meet NFPA requirements for Class II, Group-E. (ALUMINUM DUST). 71 dBA. |
| <input type="checkbox"/> ALH1-3 | 800 cfm portable downdraft table to collect aluminum dust, 24" deep x 32" wide work surface at 36.25" height. 150 fpm downdraft velocity, with 12" tall aluminum side & back shields and aluminum grate panels. Contains (1) ULTRACLEAN-PLUS™ cartridge filter. (150 sq.ft.) and a 1 Hp Class II, Group E motor. 5753/60 Hz (12/6 amps). Electrical components meet NFPA requirements for Class II, Group-E. (ALUMINUM DUST). 71 dBA. |
| Fan / Motor Upgrades or Options (when ordering main unit) | |
| <input type="checkbox"/> ALH1-HP-3 | 1.5 Hp Hazardous Location, Class II, Grp E 208-208/460/3/60 Option for Standard ALH-1 Unit |
| Filter Options (when ordering main unit) | |
| <input type="checkbox"/> ALH1-EXAD | External AD Module Filter Option for Standard ALH-1 Unit |
| <input type="checkbox"/> ALH1-EXDOP | External 95% DOP Filter Option for Standard ALH-1 Unit |
| <input type="checkbox"/> ALH1-EXHE | External 99.97% HEPA Filter Option for Standard ALH-1 Unit |
| <input type="checkbox"/> ALH1-HE/AD | Kit using EXTERNAL HEPA and EXTERNAL AD options. |
| Preventative Maintenance Pressure Gauges, etc. (when ordering main unit) | |
| <input type="checkbox"/> ALH1-PG-6 | 0-6" magna-helic pressure gauge, approximately 5" diameter size. Surface mounted. |
| Misc. Options | |
| <input type="checkbox"/> 2KT6-1760-ALH1 | Table extension painted blue for ALH-1, full width with solid surface, 9" deep |
| Sound Attenuation | |
| <input type="checkbox"/> ALH1-S-EXT | External Silencer Option for Standard ALH-1 Unit |
| Localized Enclosures and Shields | |
| <input type="checkbox"/> ALH1-BF3A | Aluminum Enclosure, 36" High, Sides, Back & Top Option for Standard ALH-1 Unit |
| Installation Accessories | |
| <input type="checkbox"/> ALH-INLET-6OR8 | Duct connection inlet for ALH-1 or ALH-2. Unit is delivered without the standard table top surface and instead it is equipped with a 6" or 8" collar for duct. Please specify duct diameter when ordering. |

05-06

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

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| | |
|-----------|----------|
| Drawn by: | Janos B |
| Date: | 5/5/2008 |
| Scale: | NTS |
| Weight: | N/A |

| | |
|---|------------------------------|
| 05-06 ALH1 Downdraft Table | |
| Specification Drawing | |
| Drawing No.: | File Name: (05-06) ALH1 - SD |
| Material: | Product manufactured by: |
|  | |
| Sheet: 2/2 | |