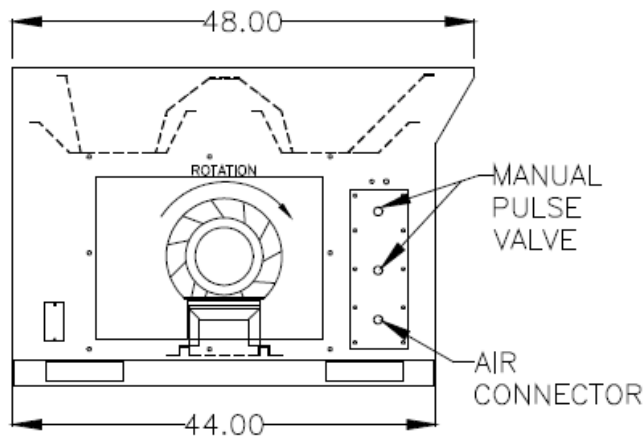


TOP VIEW



LEFT SIDE VIEW

(ELECTRICAL CONNECTION THIS END. EXACT LOCATION VARIES DEPENDING ON OPTIONS.)

**NOTES:**

ITEMS DESIGNATED AS  ARE INCLUDED IN THIS PROPOSAL.

**CONSTRUCTION:** 10, 12, and 14 Gauge steel cabinet with Powder-Coat finish. Includes separate access covers for filters and removable dust tray, 11.88 sq. ft., heavy duty, 300 PSF rated steel grating (max. table loading 1500 lbs.; concentrated load 400 lbs.), baffled inlet spark trap, Vibra-Pulse® filter cleaning system, and a direct drive motor/blower assembly wired to junction box outside unit. Motor starters/disconnects NOT included.

**WEIGHT:** 850 lbs.

**DOWNDRAFT VELOCITY:** 200 FPM (3 HP)  
250 FPM (5 HP)

**AIRFLOW:** 3000 CFM (3 HP)  
3750 CFM (5 HP)

**ELECTRICAL:**  3 HP 208-230/460/3/60, 9.2-8.0/4.0 amps, std.  
 3 HP 230/1, 14.5 amps, opt.  
 5 HP 230/460/3/60, 12.0/6.0 amps, opt.

**NOISE:** 77 dBA (worker zone) / 81 dBA @ 5' (outlet area), std., 3 HP  
74 dBA (worker zone) / 78 dBA @ 5' (outlet area), silencer, 3 HP  
78 dBA (worker zone) / 80 dBA @ 5' (outlet area), silencer stack, opt., 5 HP

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

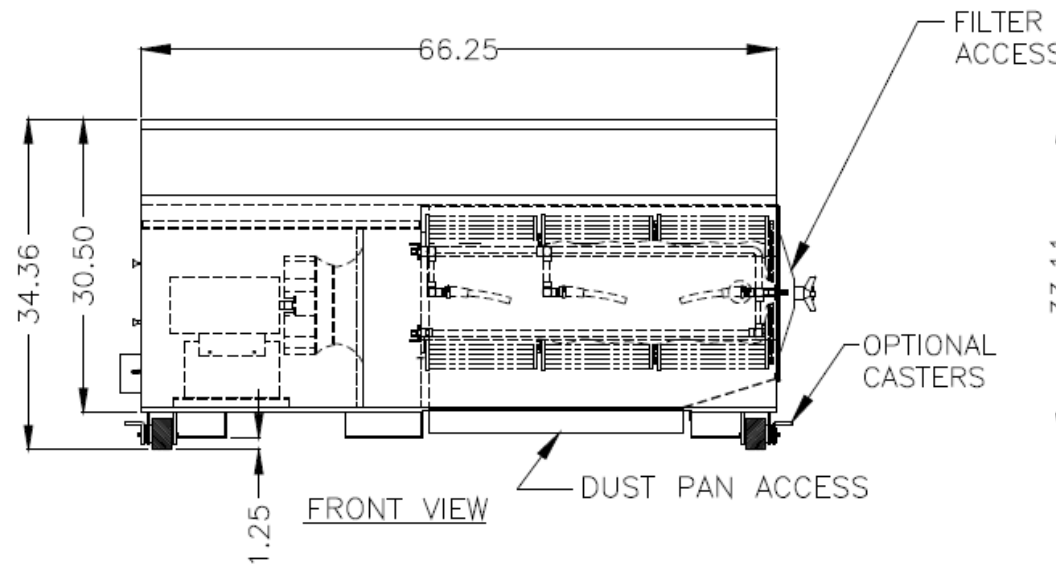
**SPECIFICATIONS:**

**MAIN FILTERS:**  (6) 150 ft<sup>2</sup> Clean 2® filters, 16" Dia., std.  
 (6) FiberDust® cartridges, opt.

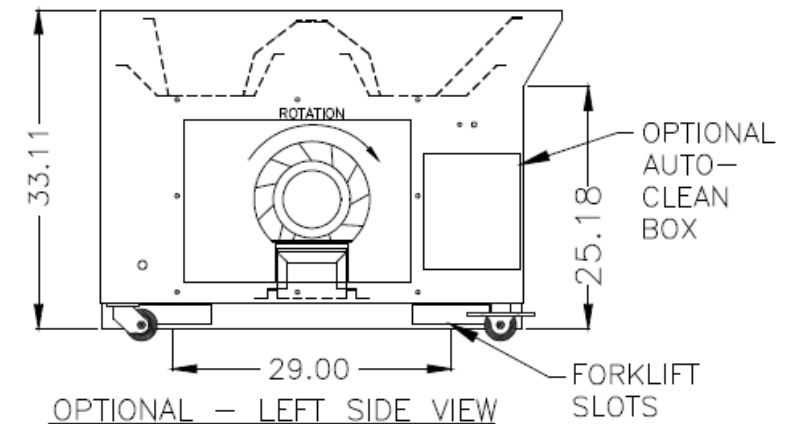
**AFTER FILTERS:**  Extended Life HEPA option  
 Extended Life DOP option

**OTHER OPTIONS:**  Pressure gauge kit indicates filter changes  
 Casters  
 BF-1, Side shield option  
 BF-2, Side shield option (24" center divider)  
 BF-3, Hood option  
 Fiberglass grating  
 Aluminum grating  
 PVC coated grating  
 Heavy duty grate, 1.5 x .25 bars, 1032 lbs. concentrated load. Max table load, 2000 lbs.  
 Auto-Clean System  
 Silencer, with or without stack collar

**SPECIAL NOTES:** Compressed air filter provided by others.



FRONT VIEW



OPTIONAL - LEFT SIDE VIEW

05-05

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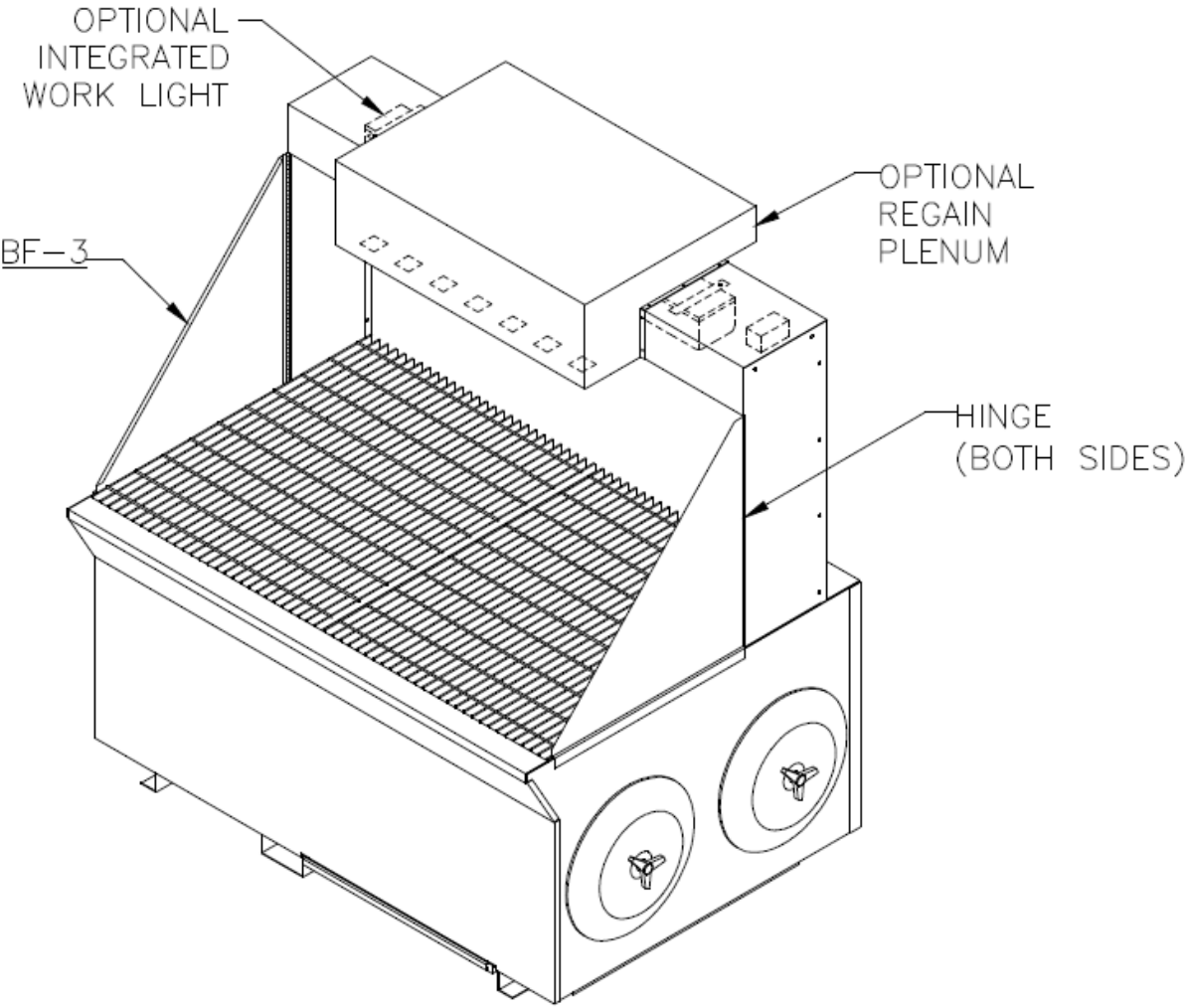
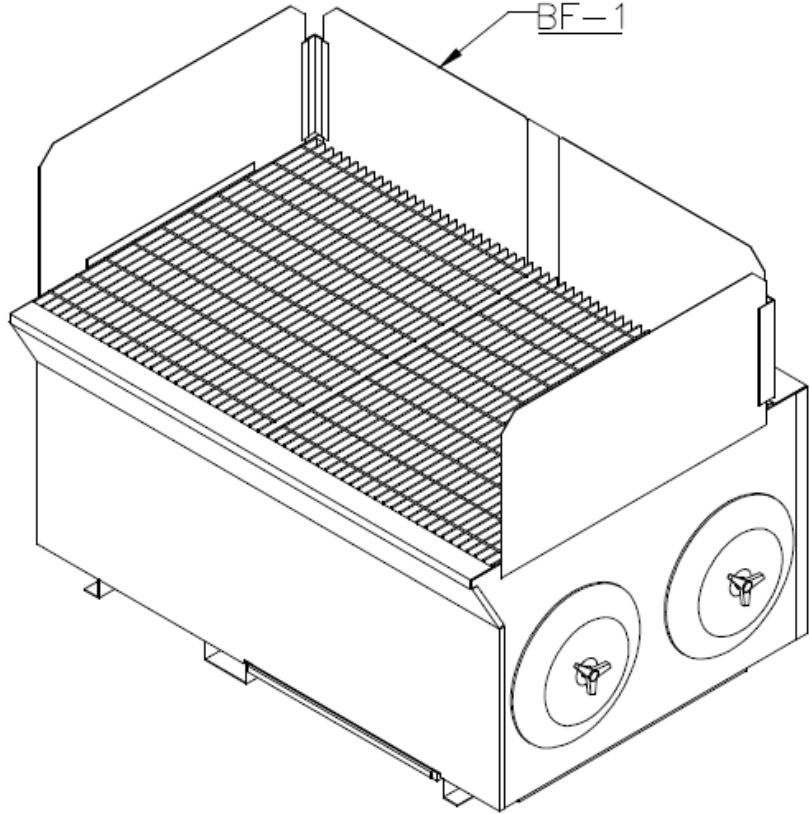
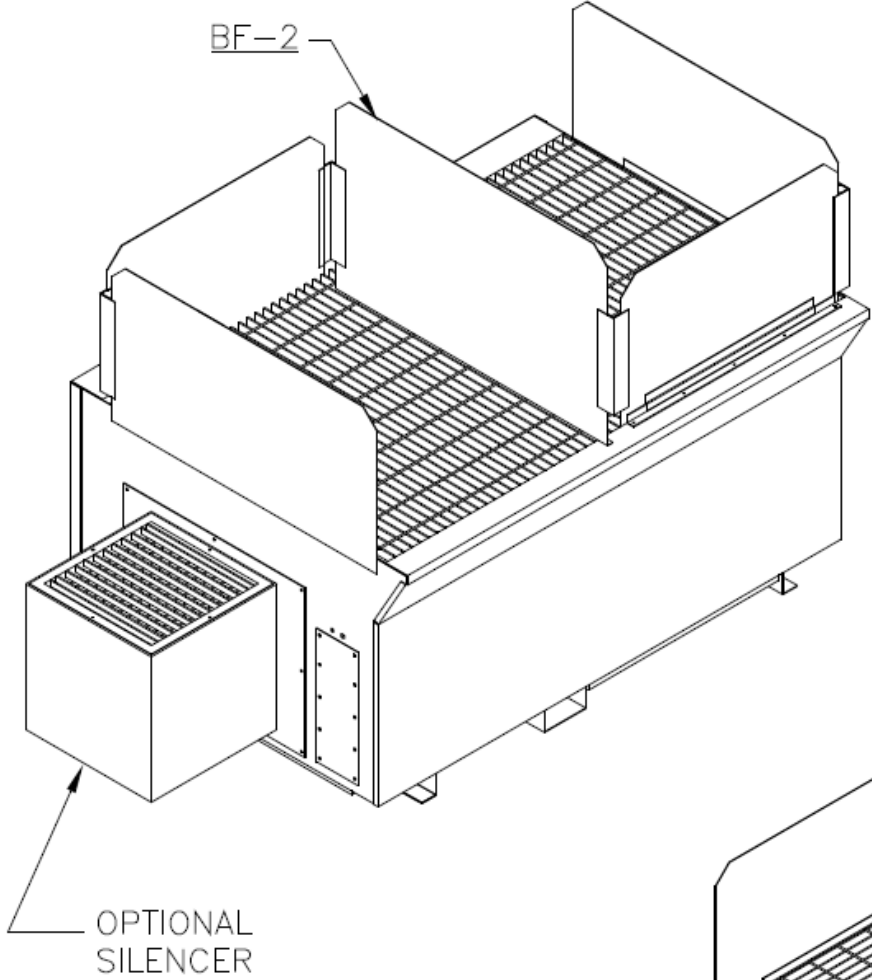


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Drawn by:	Janos B
Date:	7/23/2010
Scale:	NTS
Weight:	N/A

<b>05-05 DT3000V2</b>	
<b>Downdraft Table</b>	
<b>Specification Drawing</b>	
Drawing No.:	-
File Name:	(05-05) DT3000V2 - SD
Material:	-
Sheet:	1/5

# SIDE SHIELD OPTIONS



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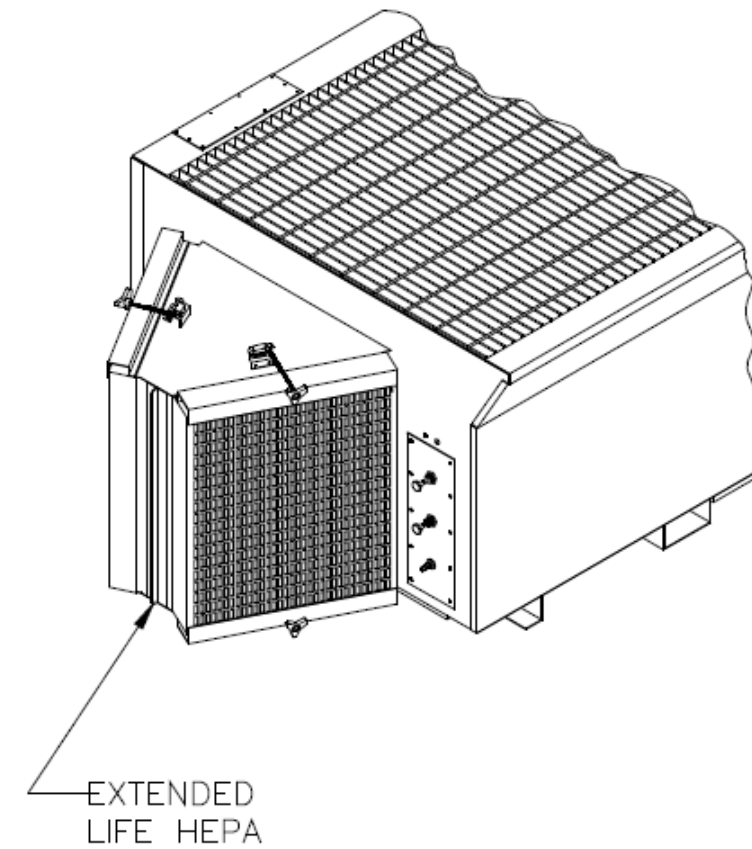
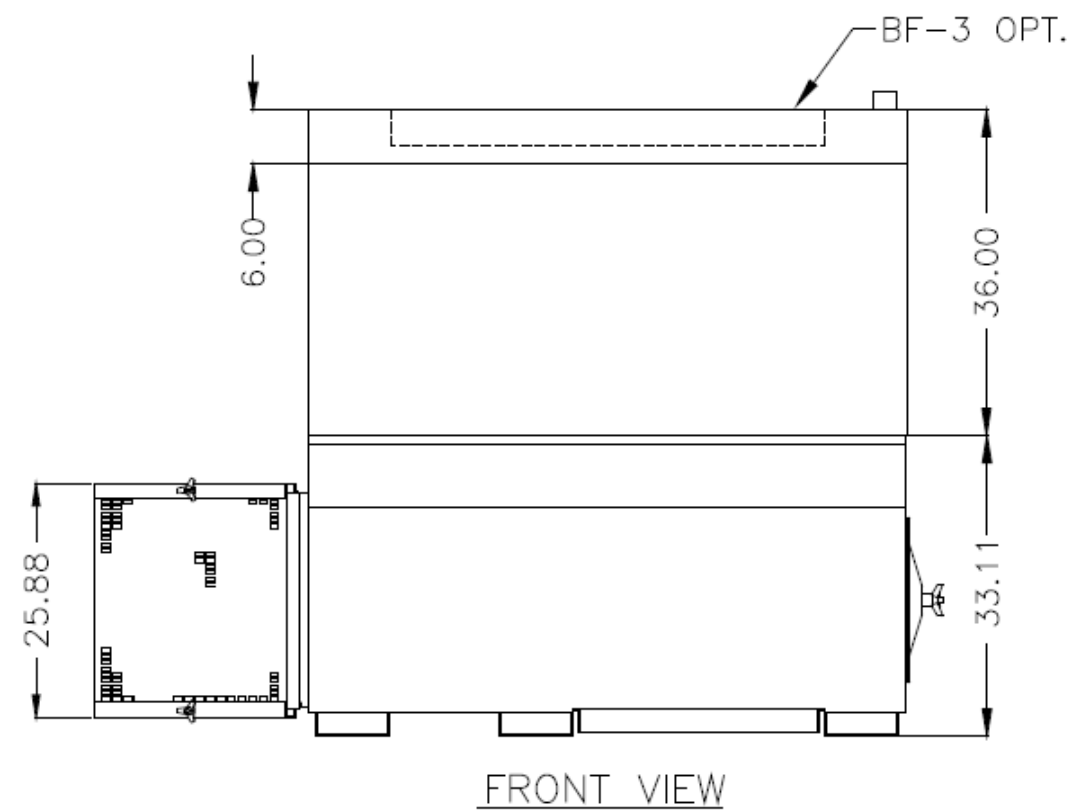
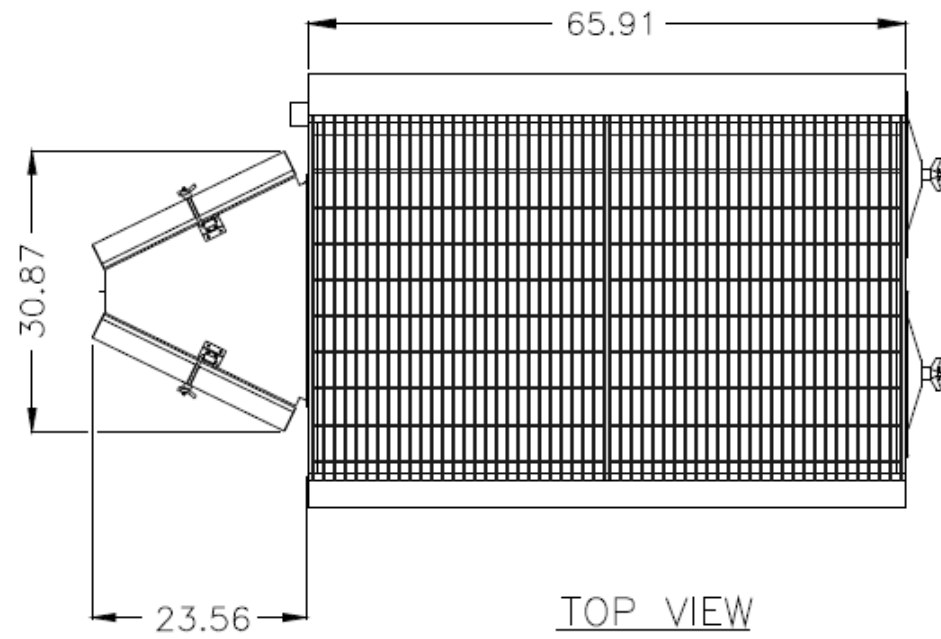


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<b>05-05 DT3000V2</b>	
<b>Downdraft Table</b>	
<b>Specification Drawing</b>	
Drawing No.: -	File Name: (05-05) DT3000V2 - SD
Material: -	Sheet: 2/5

# EXTERNAL HEPA OPTION



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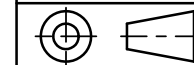
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Date: 7/23/2010  
Scale: NTS  
Weight: N/A

**05-05 DT3000V2  
Downdraft Table**

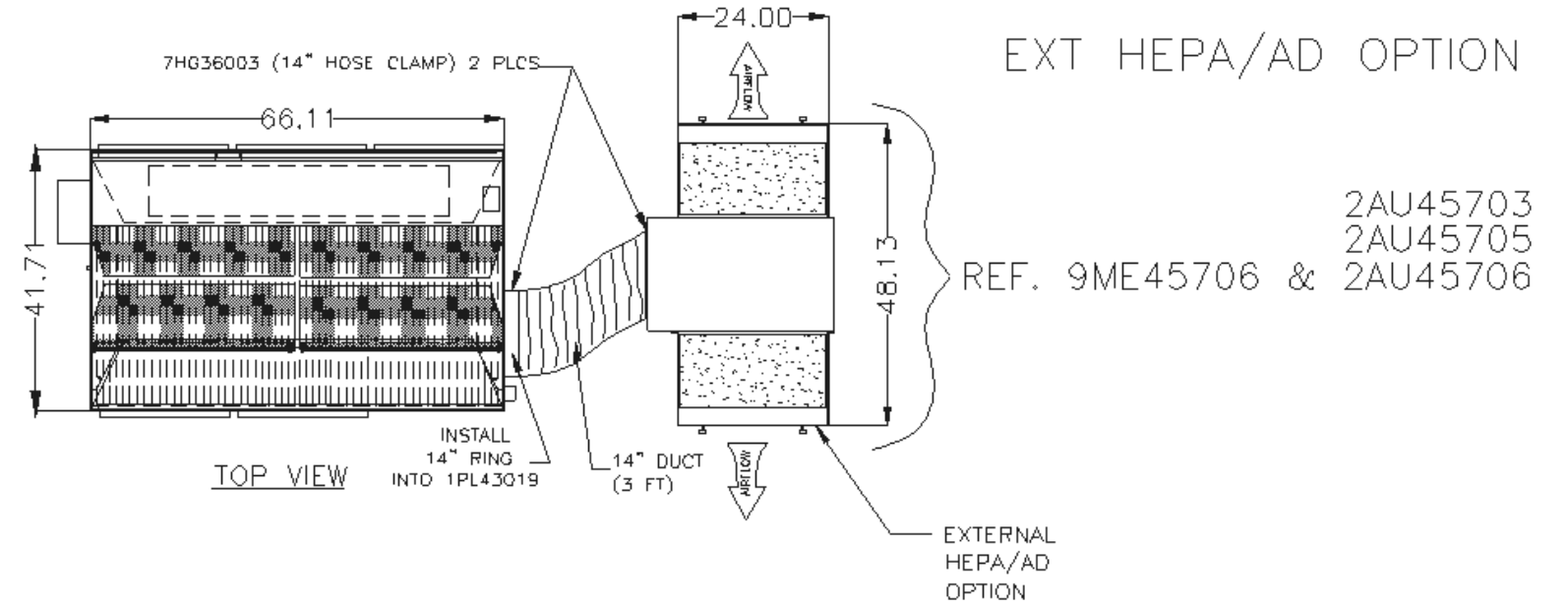
Specification Drawing



Drawing No.: -  
Material: -  
File Name: (05-05) DT3000V2 - SD  
Sheet: 3/5

**SHOP INSTRUCTION: HOW TO MODIFY THE DT3000 TO ACCEPT EXTERNAL HEPA OR AD.**

**KIT NUMBER: 2AU45703 & 2AU45705**  
**INSTRUCTION NUMBER: 9ME45712**



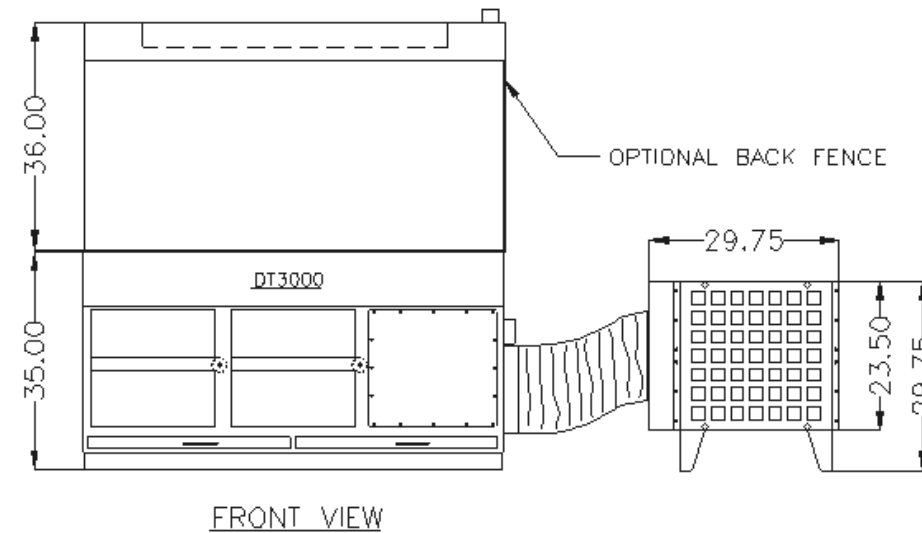
**GENERAL**

This sheet will explain how the DT3000 is to be modified to accept the external hepa. 2AU45706.

**INSTRUCTIONS**

1. Install 14" ring into blank plate, p/n : 1PL43019.
2. Install plate with ring over blower exhaust at right end of DT3000 onto cabinet.
3. Install 14" hose & hose clamps to ring installed in step #2 above and attach other end to HEPA/AD option cabinet.

**\*\*14" DUCT REMOVED FOR SHIPPING**



**05-05**

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<b>05-05 DT3000V2</b>	
<b>Downdraft Table</b>	
<b>Specification Drawing</b>	
Drawing No.:	-
File Name:	(05-05) DT3000V2 - SD
Material:	-
Sheet:	4/5

**MODELS & OPTIONS:**

**Main System / Part**

[DT3000-V2.0](#) 3000 cfm heavy duty downdraft table, 42 deep x 66 wide work surface at 33 height, 200 fpm downdraft velocity, with baffled inlet spark trap. Contains (6) CLEAN-2® cartridge filters (150 sq.ft. of media), manual VIBRA-PULSE® filter cleaning system and a

**Fan / Motor Upgrades or Options (when ordering main unit)**

[DT3000V2-3HP-1 PHASE](#) 3 Hp 115/1/60 Hz (14.5 amps) 74 dBA (worker zone 78 dBA @ 5' (outlet area) in place of std. 3Hp motor  
 [DT3000V2-5HP](#) 5 Hp TEFC motor, 230/460/575/3/60Hz (12/6 amps), high pressure blower; 3750 cfm, 195 fpm downdraft velocity.

**Filter Options (when ordering main unit)**

[DT3000V2-EXAD](#) External AD option: includes (4) refillable, v-bank adsorber modules, 100 lbs. capacity in remote cabinet. Order charcoal separately (see specification sheet for size).  
 [DT3000V2-EXHE](#) External HEPA option: includes (2) 99.97% HEPA filters in separate remote cabinet (see specification sheet for size).

**Misc. Options (when ordering main unit)**

[DT3000V2-ALUM](#) Aluminum bar grate in place of painted steel bar grate.  
 [DT3000V2-AP3](#) Offline AUTO-CLEAN VIBRA-PULSE cleaning system, 3 phase. Automatically cleans filters when unit is turned off. Call factory before ordering.  
 [DT3000V2-COATED](#) Vinyl coated steel bar grate in place of painted steel bar grate.  
 [DT3000V2-FIBER](#) Fiberglass bar grate in place of painted steel bar grate.  
 [DT3000V2-REG](#) Regulator, 1/2" NPT full flow, adjustable, mounted and plumbed.  
 [DT3000V2-REGAIN](#) Regain air option to redirect 500 CFM back in to the work area to increase capture. To be used with the BF3 option.

**Accessories**

[DT3000V2-EXT-FRONT](#) Table extension, front, full width with solid surface. 9" deep  
 [DT3000V2-EXT-LEFT](#) Table extension, left side, full width with solid surface. 9" deep.  
 [DT3000V2-EXT-RIGHT](#) Table extension, right side, full width with solid surface. 9" deep

**Installation Accessories**

[DT3000V2-BF1](#) Back fence for one operator using entire table. Four (4) interchangeable rear and side panels, 18" high.  
 [DT3000V2-BF2](#) Additional single center divider, 24" high for use with BF1. Separates table in half for 2 operators.  
 [DT3000V2-BF3](#) Enclosure 36" tall, with sides, back and top.  
 [DT3000V2-BF3/LIGHT](#) BF3 enclosure with 80 watt, Dust-Tite 115 volt work light.  
 [DT3000V2-BF3-ACRILIC](#) Enclosure 36" tall, with side, back and top. Clear Acrylic  
 [DT3000V2-CASTERS](#) Heavy duty with two (2) swivel casters and two (2) rigid casters with locks. Raises table height 1"  
 [SIL-3000](#) Silencer for the DDT. Reduces noise output from table. 84" in length by 20" dia.(16" at inlet and outlet)

**Replacement filters - (Quantity discounts available upon request)**

[7FR02020 - PTFE](#) Cartridge filter PTFE Polyester media for PCH/DCH/DTH units  
 [7FR0-2020-OEM](#) Cartridge, CLEAN-2®, 150 sq.ft. of media. Replacement Filter for DCH/PCH/DTH, TC-4, HC-4, DC-4/6/8/12/18 & DT-3000V2 filter units  
 [7FR0-5020](#) UCP Cartridge Filter ALH-1/2/6, DCH, PCH, DTH, Mobi-Pulse, DC-4/6/8/12/18, TC-4 HC-4 & DT-3000V2.  
 [CF-7FR0-2020](#) Flame Retardant Cartridge Filter made of 80/20% Cell/Poly Blend., Replacement Filter for DCH/PCH/DTH, TC-4, HC-4, DC-4/6/8/12/18 & DT-3000V2 filter units.  
 [CF-7FR0-2029](#) Cartridge filter, Spunbond, Spark-resistant. Replacement Filter for DCH/PCH/DTH, TC-4, HC-4, DC-4/6/8/12/18 & DT-3000V2 filter units.  
 [Charcoal-18](#) 18 lbs. of activated charcoal  
 [Charcoal-200](#) 200 lbs. drum of activated carbon.  
 [FL-7FJ9-9113](#) 99.97% @ 0.3 micron HEPA Filter, wood frame (24 x 24 x 12)

**Sound Attenuation**

[DT3000V2-S](#) External Silencer  
 [DT3000V2-S-ST](#) Exhaust silencer with stack adapter. Upward discharge silencer with round 16" collar to accommodate vertical exhaust ducting (duct not included).

**05-05**

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<b>05-05 DT3000V2 Downdraft Table</b>	
<b>Specification Drawing</b>	
Drawing No.: -	File Name: (05-05) DT3000V2 - SD
Material: -	Sheet: 5/5