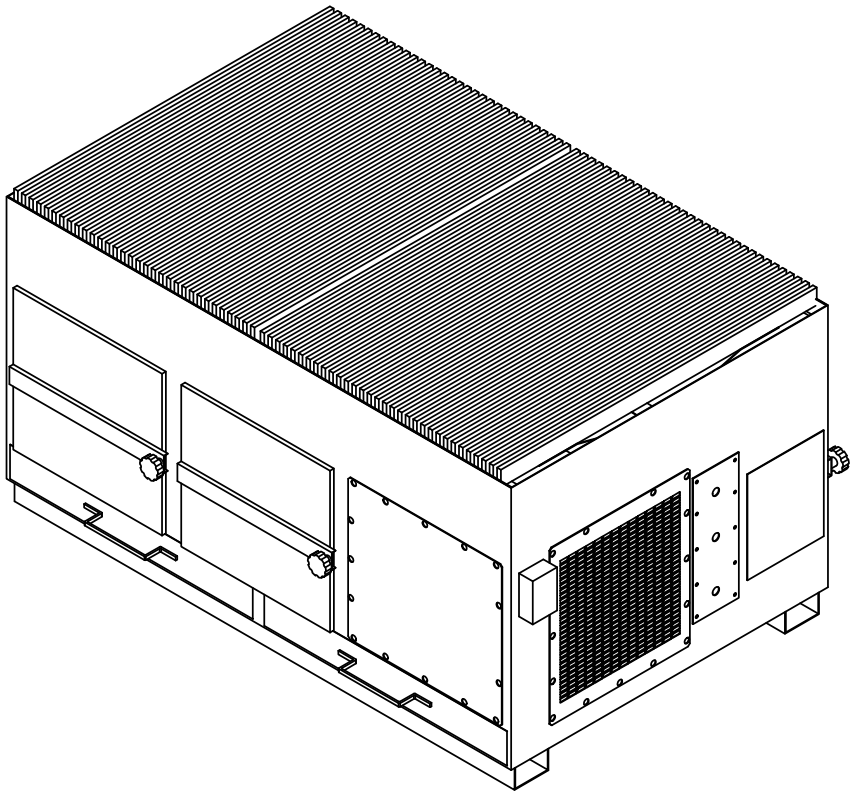
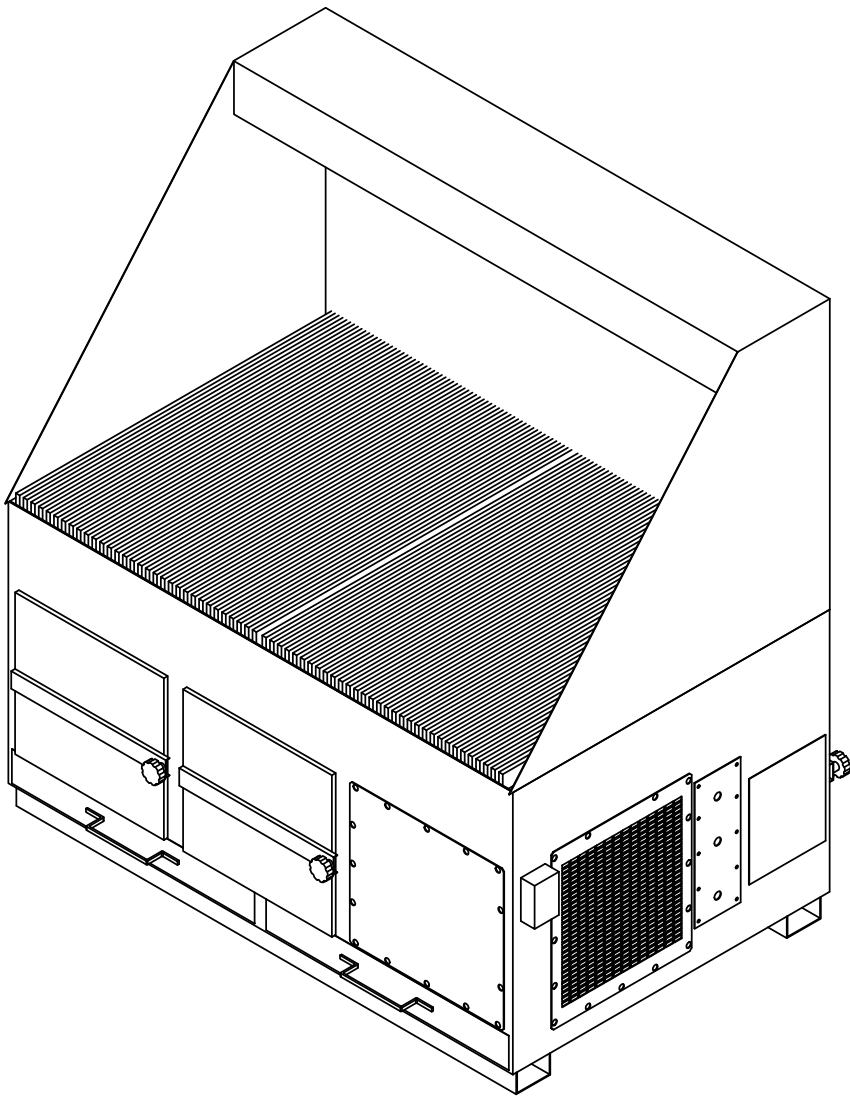


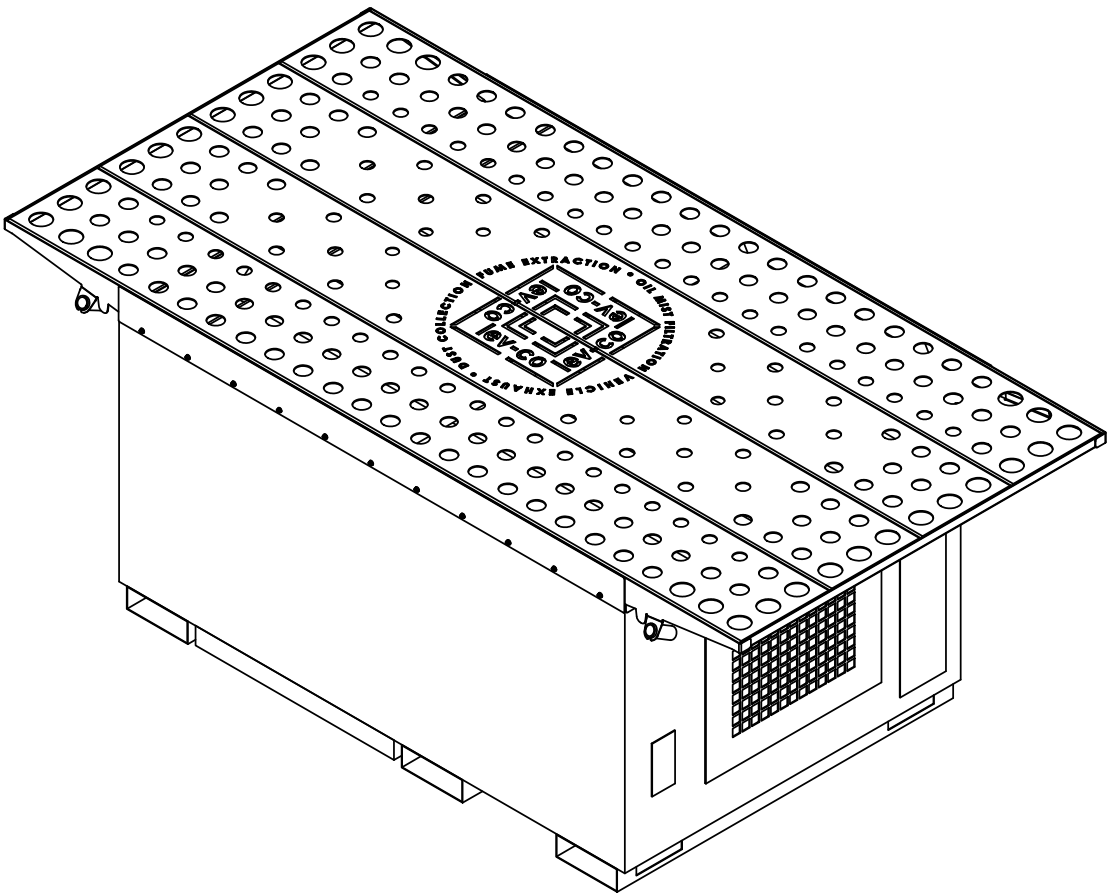
1. DT-3000



2. DT-3000-BF3



3. DT-3000-42X96



05-05



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PROJECT:
ENGINEER:
SALES REP.:
IDENTIFICATION / TAGGING:

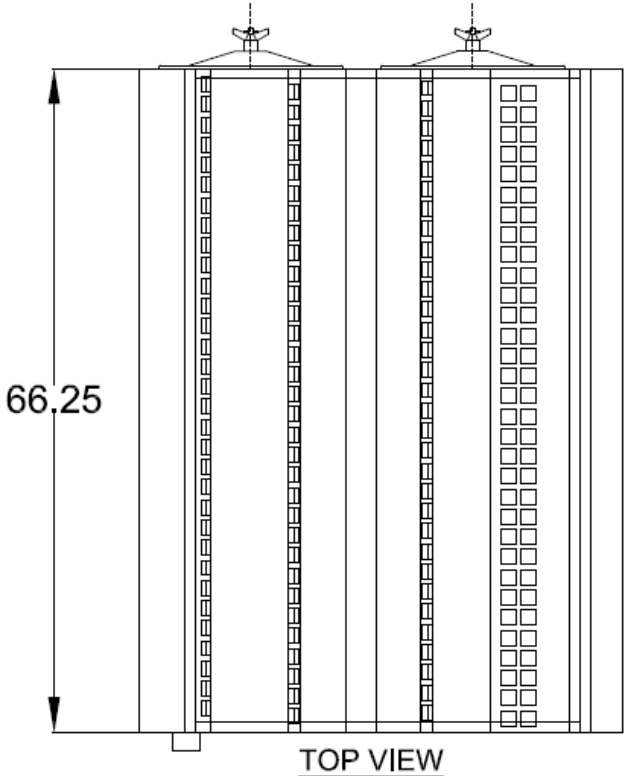


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Date:	7/4/2014
Scale:	NTS
Weight:	N/A

05-05 DT3000V2	
Downdraft Table	
Specification Drawing	
Drawing No.: -	File Name: (05-05) DT3000V2 - SD
Material: -	Sheet: 1/8

SPECIFICATIONS:



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: 155 FPM (3 HP)
195 FPM (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

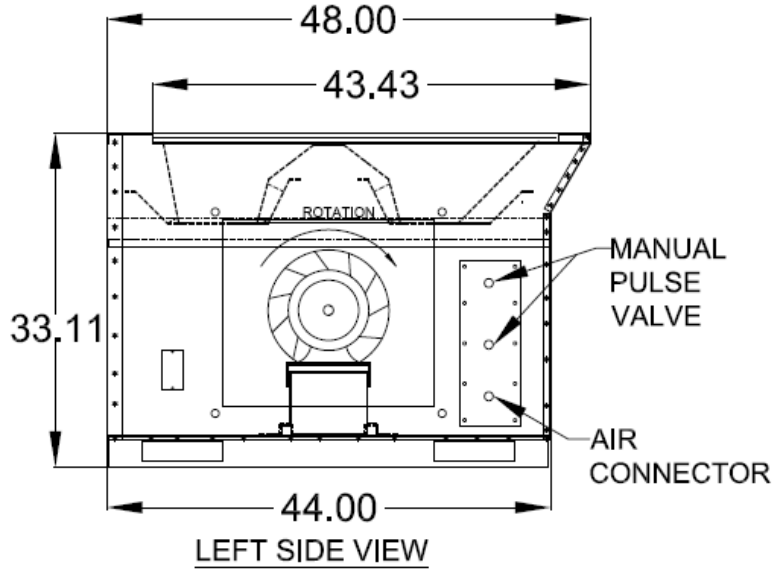
FIRE SUPPRESSION: Equipment provided by others.

MAIN FILTERS: ☐ (6) 150 ft² Clean 2 filters, 16" Dia., std.
☐ (6) FiberDust cartridges, opt.

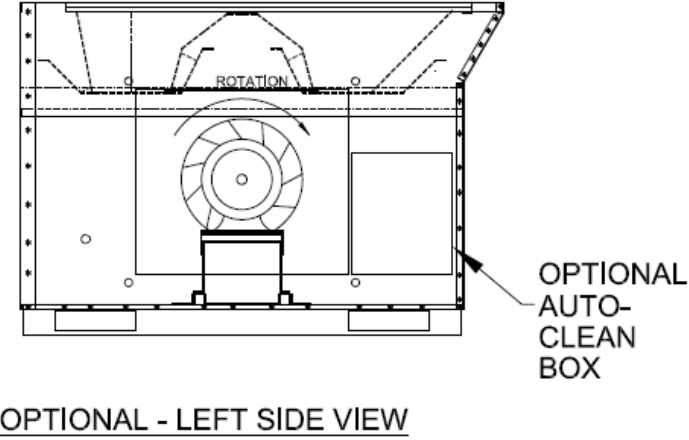
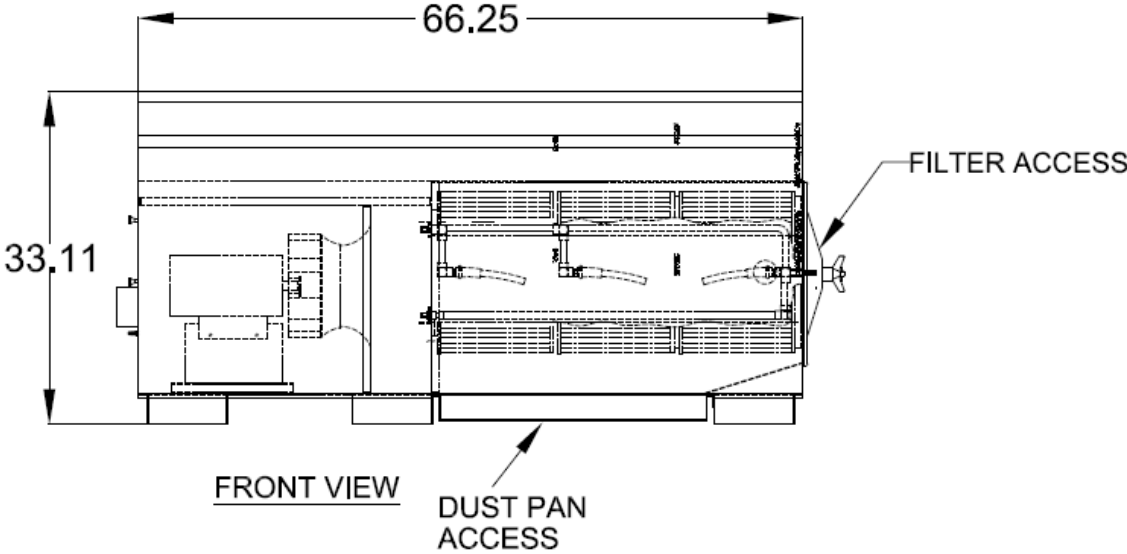
AFTER FILTERS: ☐ Free standing HEPA option
☐ Free standing AD option

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
☐ Aluminum water tray
☐ 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.



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



05-05

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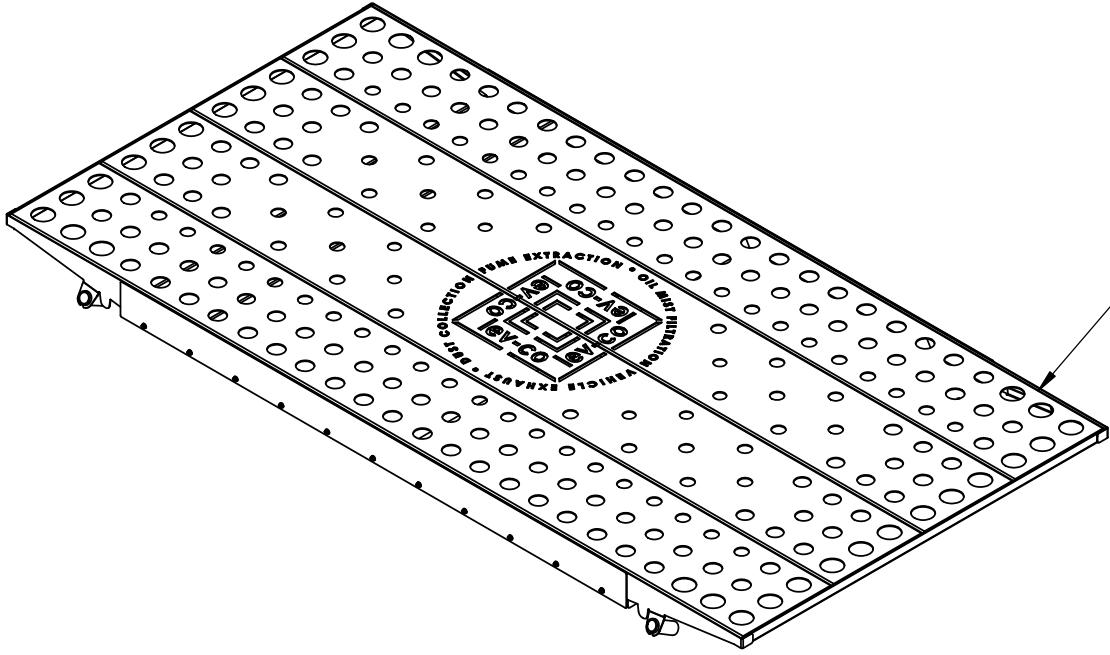


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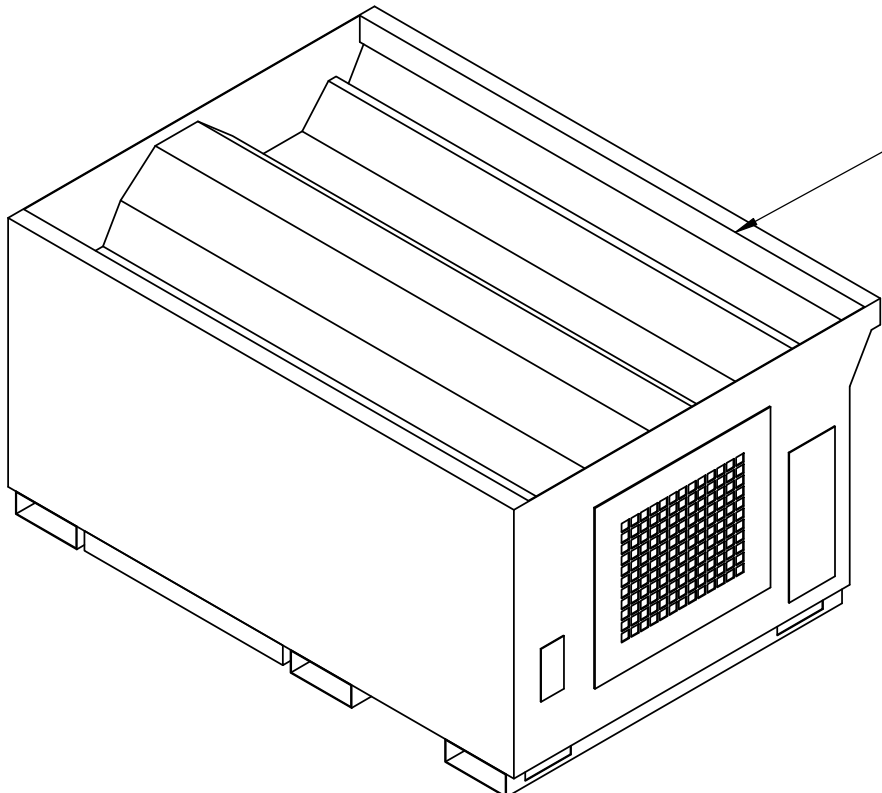
Drawn by: Janos B
Date: 7/4/2014
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Weight: N/A

05-05 DT3000V2
Downdraft Table
Specification Drawing
Drawing No.: -
Material: -
File Name: (05-05) DT3000V2 - SD
Sheet: 2/8

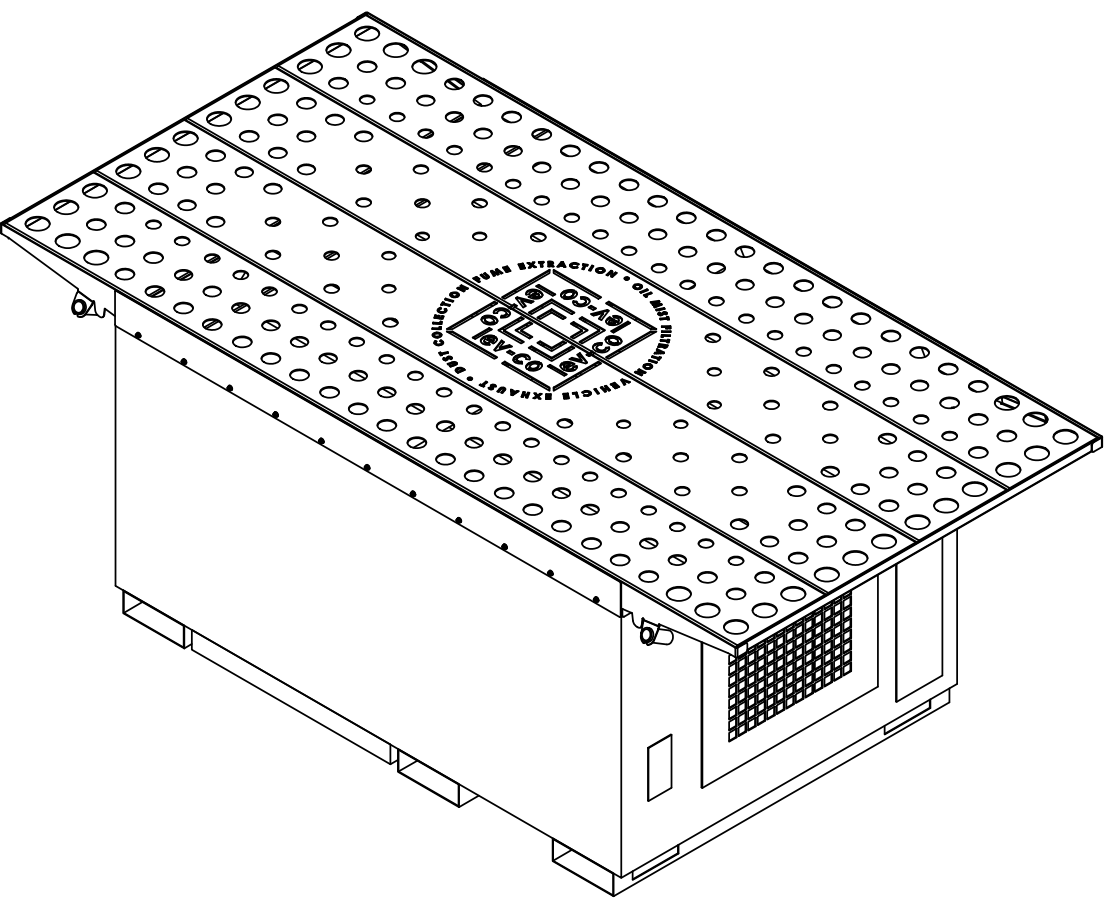
EXTENDED TABLE TOP OPTION



THE EXTENDED TABLE TOP
(42" x 96")



STANDARD UNIT
(WITHOUT TABLE TOP)



05-05

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Weight: N/A



05-05 DT3000V2
Downdraft Table

Specification Drawing

Drawing No.: -

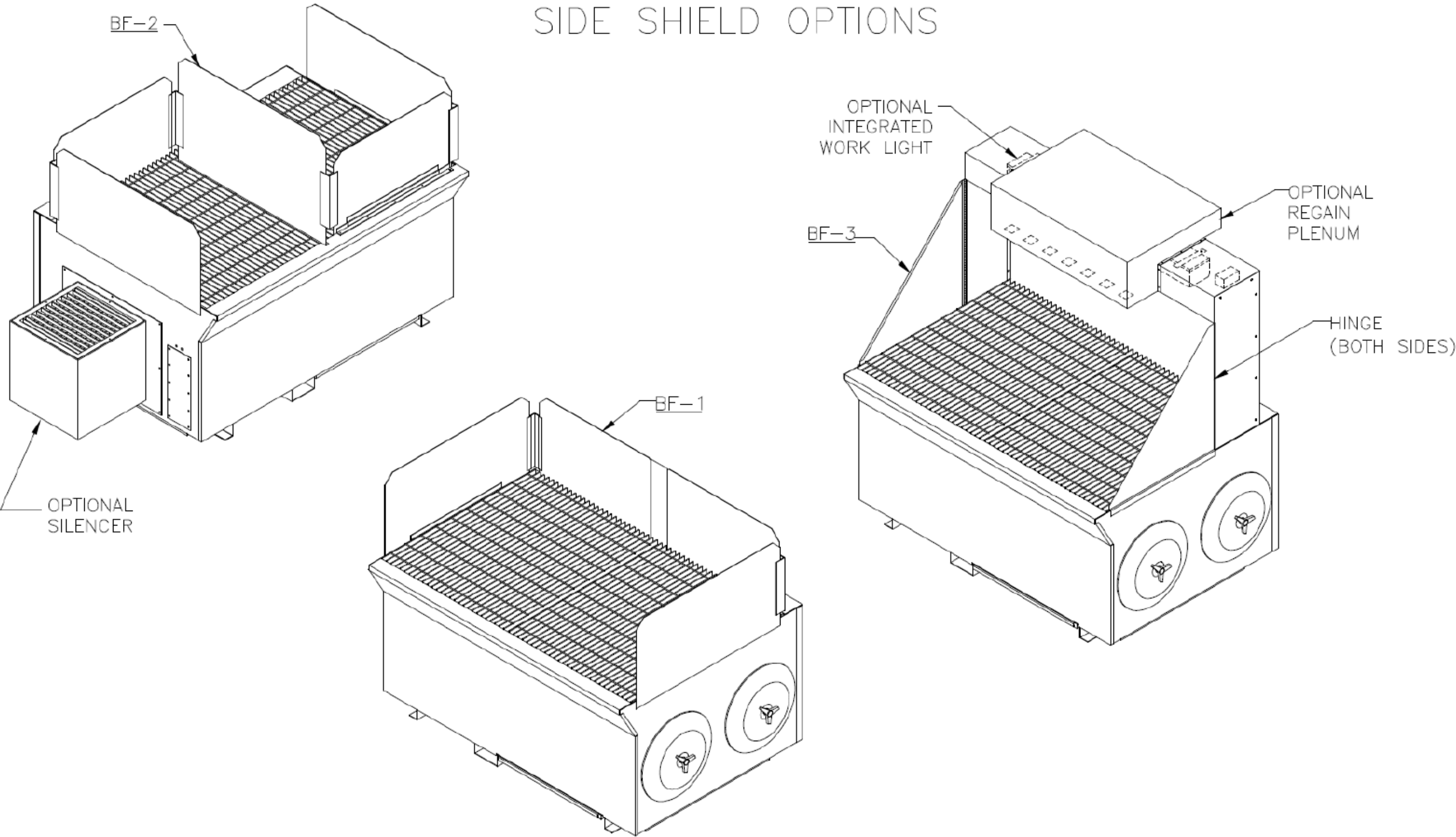
File Name: (05-05) DT3000V2 - SD

Material: -

Sheet: 3/8

DUST COLLECTION • FUME EXTRACTION • OIL MIST FILTRATION • VEHICLE EXHAUST

SIDE SHIELD OPTIONS



05-05

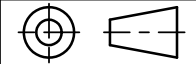
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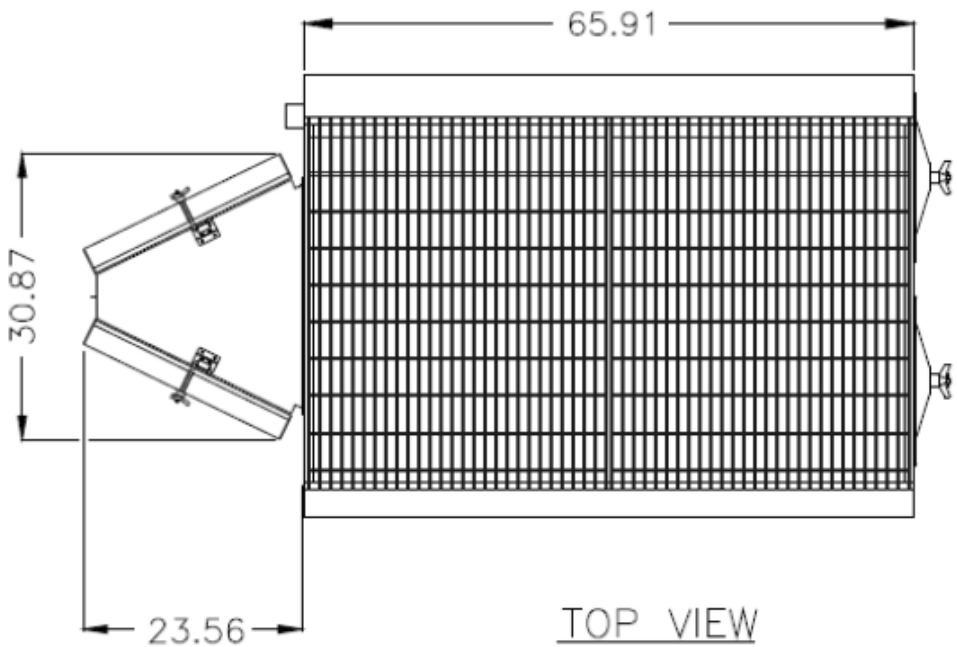
05-05 DT3000V2
Downdraft Table

Specification Drawing

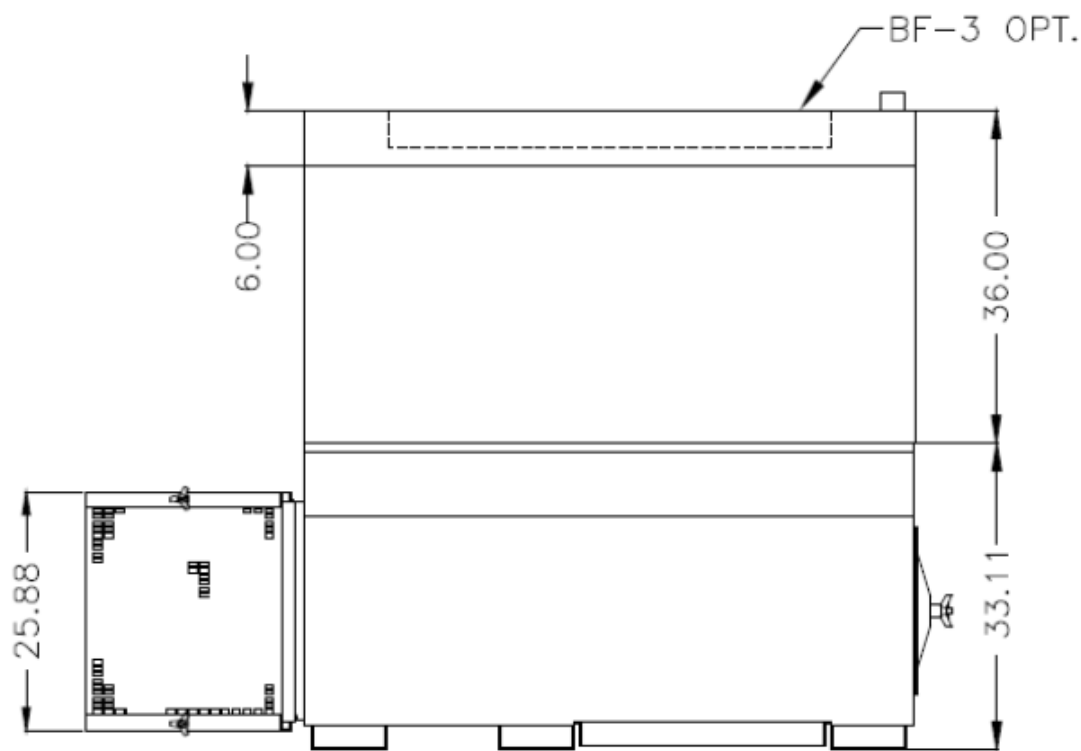
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File Name: (05-05) DT3000V2 - SD
Sheet: 4/8

DUST COLLECTION • FUME EXTRACTION • OIL MIST FILTRATION • VEHICLE EXHAUST

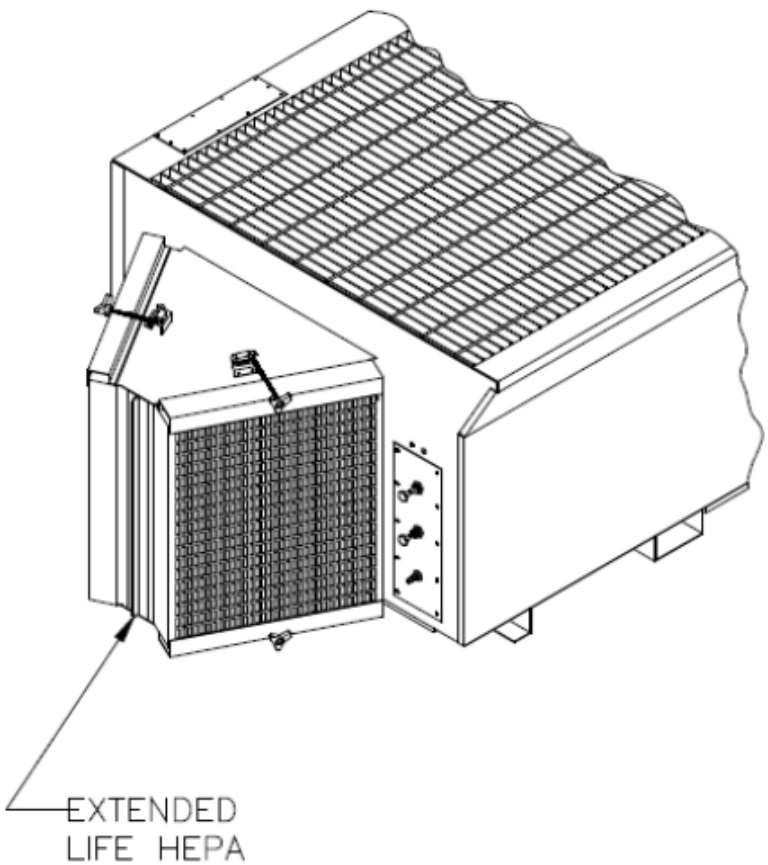
EXTERNAL HEPA OPTION



TOP VIEW



FRONT VIEW



05-05

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Scale:	NTS
Weight:	N/A

05-05 DT3000V2 Downdraft Table Specification Drawing	
Drawing No.: -	File Name: (05-05) DT3000V2 - SD
Material: -	Sheet: 5/8

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

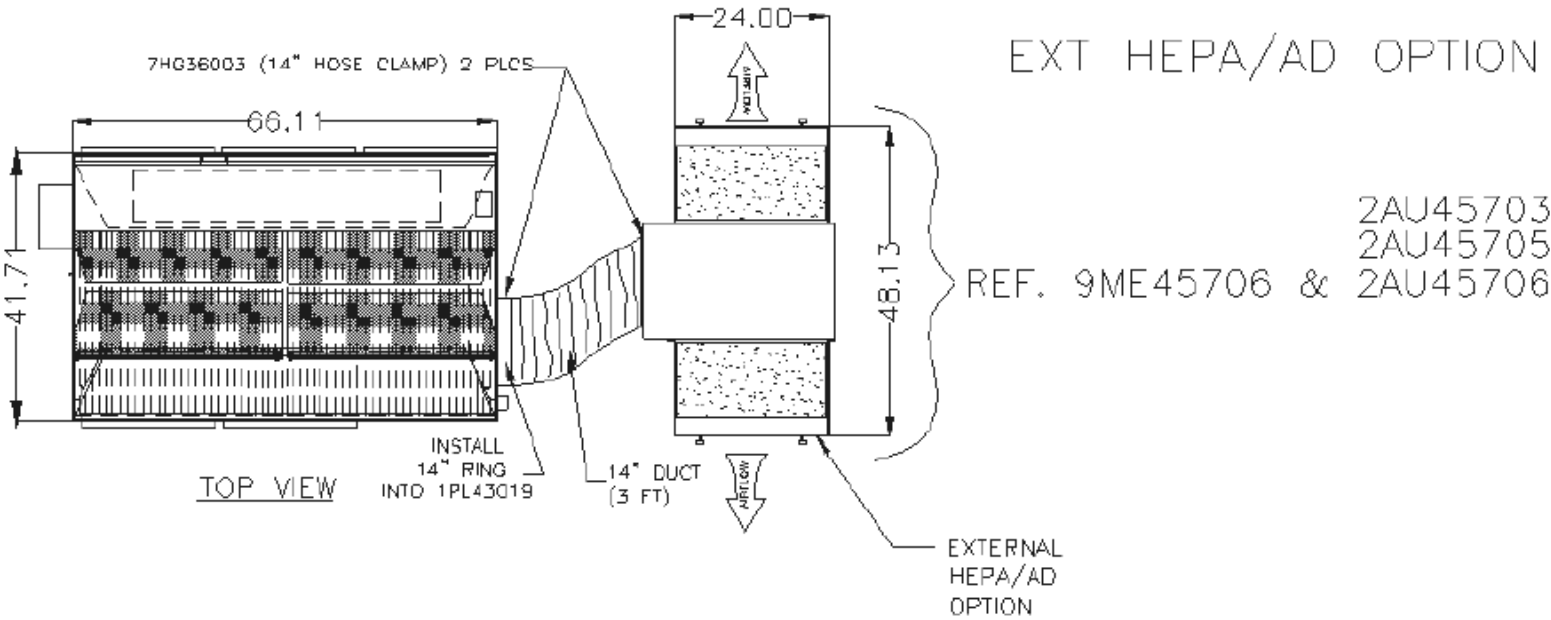
KIT NUMBER: 2AU45703 & 2AU45705
INSTRUCTION NUMBER: 9ME45712

GENERAL

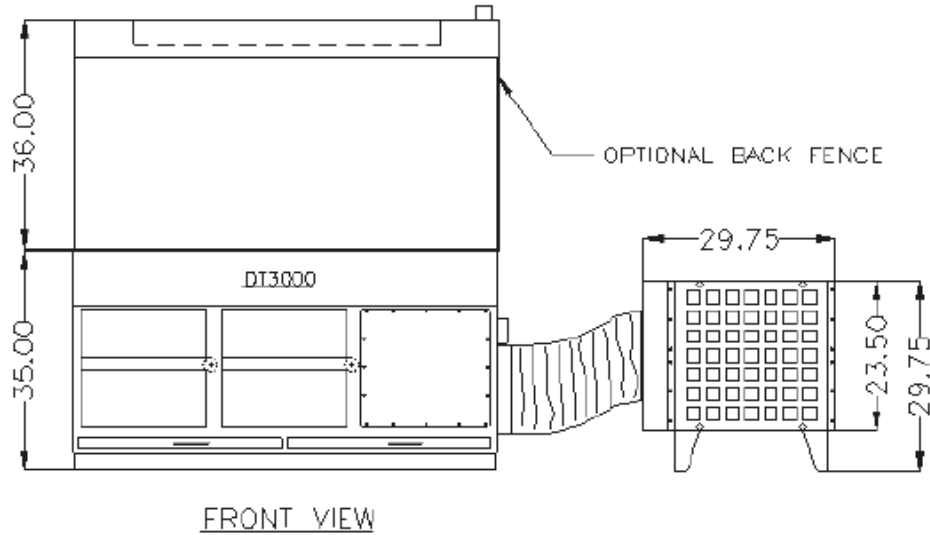
This sheet will explain how the DT3000 is to be modified to accept the external hepa.
2AU45706.

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

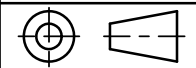
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Weight: N/A



05-05 DT3000V2
Downdraft Table

Specification Drawing

Drawing No.: -
Material: -
File Name: (05-05) DT3000V2 - SD
Sheet: 6/8

MODELS & OPTIONS

Main System / Part

- ☐
- DT3000V2-48x96

3750 cfm heavy duty downdraft table, 48 deep x 96 wide work surface at 33 height, 150-200 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 5 HP TEFC motor 230-460/575/3/60 Hz. AS PER CANADIAN LAW; this unit is electrically approved by CSA/ESA field evaluation.
- ☐
- DTH3000-V2-1

3000 CFM Down Draft Table 48Hx66WX34, 3HP, 230/460/3/60. AS PER CANADIAN LAW; this unit is electrically approved by CSA/ESA field evaluation.
- ☐
- DTH3000-V2-2

3000 CFM Down Draft Table 48Hx66Wx34 3hp, 575/3/60. AS PER CANADIAN LAW; this unit is electrically approved by CSA/ESA field evaluation.

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).

Localized Enclosures and Shields

- ☐
- 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-ACRYLIC

Enclosure 36 tall, with side, back and top. Clear Acrylic

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).

Misc. Options (when ordering main unit)

- ☐
- DT3000-DED-Grate

Cost deduction for removing grates from DT3000v2
- ☐
- 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.
- ☐
- Starter-MNT

Kit for mounting Magnetic or Manual starters for T-140

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

Maintenance

- ☐
- DT3000V2-PG-6

0-6 magna-helic pressure gauge, approximately 5 diameter size. Surface mounted.

Installation Accessories

- ☐
- DT3000V2-CASTERS

Heavy duty with two (2) swivel casters and two (2) rigid casters with locks. Raises table height 1

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Weight: N/A

05-05 DT3000V2
Downdraft Table

Specification Drawing

Drawing No.: -

File Name: (05-05) DT3000V2 - SD

Material: -

Sheet: 7/8

MODELS & OPTIONS

Replacement filters - (Quantity discounts available upon request)

Part #	Description
<input type="checkbox"/> 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. Complete with Vibra Pulse Tube
<input type="checkbox"/> 7FR0-2020-OEM	Cartridge for PCH-1, PCH-2, DCH-1, DCH-2, DC-4, DC-6, DC-8, DC-12, TC-4, HC-4, DT3000v2.0, DTH-800 and DTH-1700. Cartridge, CLEAN-2 @, 150 sq.ft. of media. Open both ends. C/W Vibra-Pulse tube.
<input type="checkbox"/> 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.
<input type="checkbox"/> 7FR02020 - PTFE	Cartridge filter PTFE Polyester media for PCH/DCH/DTH units
<input type="checkbox"/> Charcoal-18	18 lbs. of activated charcoal
<input type="checkbox"/> Charcoal-200	200 lbs. drum of activated carbon. Price: \$1.45/lb and \$30 for the drum.
<input type="checkbox"/> Charcoal-CP40	40" lb of CP Blend of chemisorbant and activated carbon blend. Target Contaminants: Hydrocarbons VOC's Oxides of sulfur Formaldehyde Nitric Oxide Hydrogen Sulfide Lower molecular weight aldehydes and organic acids



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CUSTOMER P.O.:			Date: 7/4/2014		
PROJECT:			Scale: NTS	Specification Drawing	
ENGINEER:			Weight: N/A		
SALES REP.:				Drawing No.: -	File Name: (05-05) DT3000V2 - SD
IDENTIFICATION / TAGGING:				Material: -	Sheet: 8/8