



* Selected Models

Flexible, all-in-one, downdraft solution for dust, smoke, or fumes produced from welding, grinding, deburring, cutting, sanding, finishing, soldering, painting, or mixing.

Features:

- Flexible 32" x 48" worksurface
- High capture face velocity (250fpm)
- Multi-stage spark arresstance baffling
- Industrial swivel-casters
- On-demand, reverse pulse cleaning system

DD 2X4

DOWNDRAFT

The DD 2X4 is a portable, reliable, and easy-to-use downdraft table for industrial duty applications. Now any fumes, smoke, or dust from your shop activities can be captured right as they are produced, before compromising your indoor air quality.

The table comes fitted with multi-stage spark arresstance baffles, industrial swivel casters, and a push-button reverse-pulse filter cleaning system to help reduce maintenance requirements. Choose from a 1.5HP 1500CFM single phase [120V] motor, or 3.0HP 2600CFM three phase [230/460/575V] for higher capture face velocity. Single phase models include a 15' power cord for plug & play convenience. Many options and accessories are available for the DD 2X4 downdraft table. This table can be built-to-order in almost any configuration.

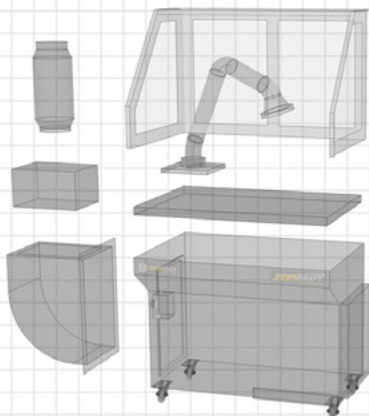
Benefits:

- Simple to use, plug & play design
- Ultra-small footprint & no permanent ducting
- Complies with OSHA guidelines for safe capture of dust, smoke, and weld fumes



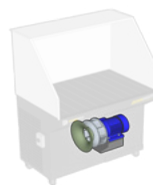
WELDING • GRINDING • SANDING • DEBURRING • PAINTING

Available Options



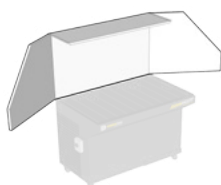
Lexan Side & Back Walls

Contain dust and fumes high over your table surface, enables users to trap particulate using 30" high see-through lexan side and back panels.



3HP Motor

The 3 Phase 3HP motor doubles the suction to 2600 CFM, allowing you to properly ventilate a backdraft hood or overcome the pressure from a HEPA or carbon filter.



Hinged Side & Back Walls

Provide extra space for your work pieces, allow longer parts room to overhang your downdraft table by hinging out the side walls.



Side Stack Silencer

Reduce the sound level of your air filtration unit. Silences noise in a duct muffler and projects it above the operator's hearing zone.



Backdraft Hood

Capture dust and fumes high above your table surface, enables users to draw particulate back away from the operator when operating 12" or more above the downdraft work surface.



48" Booth Walls

Fully enclose your work area with 48" high side and back walls with a top plate. The clean air workstation booth also comes with a backdraft hood and dust-proof light kit.



Dust-proof Light Kit

Illuminate your workspace and brighten your operations, the dust-proof light kit provides lighting without the risk of damaging the bulbs.



Minihelic Gauge

Minihelic gauge measures pressure drop over the filters to indicate when the filters must be cleaned or replaced.



Primary Filter

After Filter

NANOTECH XV



MERV 15 efficient cartridge filter captures particles at the submicron level, and surface-loading technology allows dust to be easily dislodged during cleaning with compressed air.

EFFICIENCY:	MERV 15
FILTER MEDIA:	NANOFIBER
MEDIA AREA:	320 SQ.FT.
COATING:	FIRE RETARDANT
END CAP:	OPEN/CLOSED
CLEANING METHOD:	COMPRESSED AIR
MAX TEMP:	180° F / 82° C
FLANGE:	NONE


POLYTECH XI



High strength, high efficiency (MERV 11) cartridge filter made from 100% spun-bond polyester that lowers costs, by allowing for water-based cleaning of captured contaminants.

EFFICIENCY:	MERV 11
FILTER MEDIA:	SPUN-BOND POLY
MEDIA AREA:	105 SQ.FT.
COATING:	FIRE RETARDANT
END CAP:	OPEN/CLOSED
CLEANING METHOD:	AIR + WATER WASH
MAX TEMP:	180° F / 82° C
FLANGE:	NONE

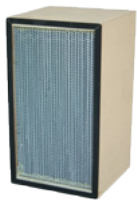
CARBOTECH 50



Reusable steel canister filled with 50lbs of activated carbon to filter VOC fumes and odors. Double the filter life by flipping the canister top-to-bottom, allowing for adequate contaminant distribution through the media.

WEIGHT:	50LBS
FILTER MEDIA:	CARBON
MEDIA THICKNESS:	2.6"
COVER:	3/4" ANTIBACTERIAL
END CAP:	TWIST LOCK REMOVABLE
CLEANING METHOD:	NONE
MAX TEMP:	175° F / 80° C
FLANGE:	NONE

HEPA



MERV 17 efficient HEPA filter captures particles at the submicron level, it provides the highest level of filtration efficiency 99.97% at 0.3 micron.

EFFICIENCY:	MERV 17
FILTER MEDIA:	HEPA
MEDIA AREA:	40 SQ.FT.
COATING:	NONE
END CAP:	N/A
CLEANING METHOD:	DISPOSABLE
MAX TEMP:	180° F / 82° C
FLANGE:	NONE

Specifications

Product No.	Airflow (CFM)	Face Velocity (FPM)	Motor (H.P.)	Pre Filter Type	Primary Filter Type	After Filter Type	Input Power (v/p/hz)	F.L.A (amps)	Noise @5ft. (dB)	Power Cord (ft.)	Weight	
											Gross (lbs.)	Net (lbs.)
WELDING, GRINDING, DEBURRING KIT												
DD-2X4-015N1-WGD	1500	340	1.5	Metal-Mesh	Nano-Fiber	—	120v/1/60Hz	14.2	75dB@ 5 ft.	15	495	310
DD-2X4-030N2-WGD	2600	450	3.0	Metal-Mesh	Nano-Fiber	—	230v/3/60Hz	8.0	77dB@ 5 ft.	—	535	340
DD-2X4-030N4-WGD	2600	450	3.0	Metal-Mesh	Nano-Fiber	—	460v/3/60Hz	4.0	77dB@ 5 ft.	—	535	340
DD-2X4-030N5-WGD	2600	450	3.0	Metal-Mesh	Nano-Fiber	—	575v/3/60Hz	3.1	77dB@ 5 ft.	—	535	340
CLEAN AIR WORK STATION												
DD-2X4-030N2-CAW	2600	450	3.0	Metal-Mesh	Nano-Fiber	—	230v/3/60Hz	8.0	77dB@ 5 ft.	—	595	400
DD-2X4-030N4-CAW	2600	450	3.0	Metal-Mesh	Nano-Fiber	—	460v/3/60Hz	4.0	77dB@ 5 ft.	—	595	400
DD-2X4-030N5-CAW	2600	450	3.0	Metal-Mesh	Nano-Fiber	—	575v/3/60Hz	3.1	77dB@ 5 ft.	—	595	400
VOC & PAINT KIT												
DD-2X4-030S2-SPR	2600	450	3.0	Paint arrestor	Poly	Activated Carbon	230v/3/60Hz	8.0	77dB@ 5 ft.	—	545	350
DD-2X4-030S4-SPR	2600	450	3.0	Paint arrestor	Poly	Activated Carbon	460v/3/60Hz	4.0	77dB@ 5 ft.	—	545	350
DD-2X4-030S5-SPR	2600	450	3.0	Paint arrestor	Poly	Activated Carbon	575v/3/60Hz	3.1	77dB@ 5 ft.	—	545	350
PLASMA CUTTING KIT												
DD-2X4-030N2-PLA	2600	450	3.0	Gravel Bed	Nano-Fiber	—	230v/3/60Hz	8.0	77dB@ 5 ft.	—	545	350
DD-2X4-030N4-PLA	2600	450	3.0	Gravel Bed	Nano-Fiber	—	460v/3/60Hz	4.0	77dB@ 5 ft.	—	545	350
DD-2X4-030N5-PLA	2600	450	3.0	Gravel Bed	Nano-Fiber	—	575v/3/60Hz	3.1	77dB@ 5 ft.	—	545	350

Welding, Grinding & Deburring Kit:

- Side and back walls
- Metal mesh pre-filter
- Grounding lug


Plasma Cutting Kit:

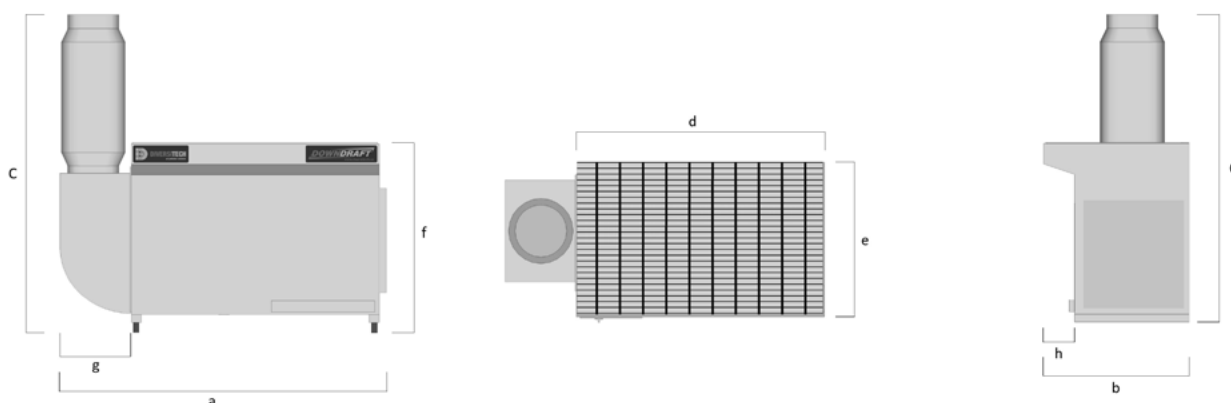
- 2" high steel bar grating
- Slag collection baffle with 3/4" gravel
- Metal mesh pre-filter


VOC & Paint Kit:

- Side and back walls
- Paint arrestor pre-filter
- Reversible carbon canister afterfilter


Clean Air Workstation:

- Side and back walls (48" high w/top cover)
- Dust & vapor proof light kit
- Backdraft hood


Dimensions

Dimensions Table

Model	Exhaust Diameter (in.)	Footprint (in.)			Worksurface (in.)		Table Height [f]	Net Weight (lbs.)	Exhaust [g]	Overhang [h]	Shipping Dimensions (in.)			Gross Weight (lbs.)
		Width [a]	Height [c]	Length [b]	Width [d]	Length [e]					Width	Height	Length	
Downdraft Tables, Standard Size														
DD-2X4 1.5 HP	---	49.5	39	32.5	48	32	39.5	300	10.5	8	48	84	66	325
DD-2X4 3 HP	8" x 1	60	69.5	32.5	48	32	39.5	300	10.5	8	48	84	66	325
Downdraft Tables, extended overhang														
DD-2X4-EO 1.5 HP	---	49.5	39	38.5	48	38	39.5	310	10.5	12	48	84	66	335
DD-2X4-EO 3 HP	8" x 1	60	69.5	38.5	48	38	39.5	310	10.5	12	48	84	66	335

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