



Flat Top Downdraft Table

Self Contained Air Filtration Tables Using DualDraw® Airflow Technology

The DualDraw Flat Top Downdraft Table is an air filtration solution designed to provide maximum workspace versatility while efficiently containing airborne particulate generated from activities such as grinding, cutting, welding, mixing, and many others. The Flat Top with its open work space is optimally used in situations where operators work on various sized parts. Additionally, this model works well in facilities with minimal space for a downdraft table. With its standard in-line design, this model efficiently incorporates the required filtration, motor, and fan into the table design.

The Flat Top model incorporates the patented DualDraw airflow design of the perforated surface and flexible panel filter system, always configured to the operator application.

All DualDraw solutions, including the Flat Top Downdraft table, achieve the objectives of protecting the health of operators and eliminating cross contamination of adjacent plant equipment. The DualDraw approach to downdraft quality and performance is unique in the marketplace – we guarantee your satisfaction.



**FT3072 Flat Top
Downdraft Table**



**FT3048 Flat Top
Downdraft Table**



**FT60120 Flat Top
Downdraft Table**



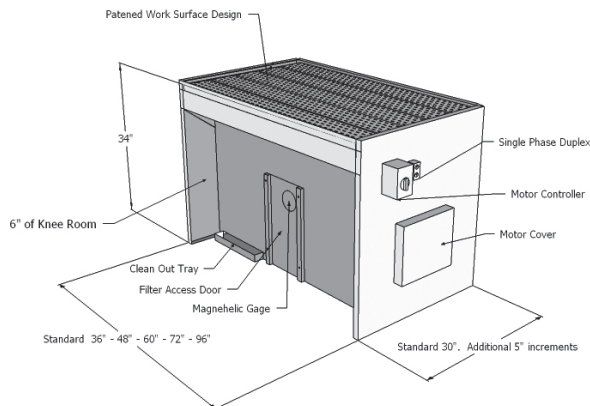


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SPECIFICATIONS

Design Name	DualDraw Flat Top Downdraft Table
STANDARD MODELS:	FT3036 (30"D X 36"W work surface), FT3048 (30"D X 48"W work surface), FT3060 (30"D X 60"W work surface), FT3072 (30"D X 72"W work surface), FT3096 (30"D X 96"W work surface). Depth of work surface can be increased in 5" increments. Low Flow or High Flow. Filter system designation: IS (Internal System), H (HEPA).
General Specifications	
Characteristics	Patented DualDraw design: even distribution of airflow across a perforated surface. Modular fastening system provides design flexibility to meet customer requirements in a cost-effective manner. Self contained solution; no outdoor exhausting necessary.
Filtration Systems:	The filtration system is designed to minimize footprint without compromising safety and filter life. Standard Flat Top units are configured with the IS (internal filtration system). The filters are located inside the unit and are configured to handle either particulate matter or vapor generated by the operator. All units come with the option for HEPA filtration. Flat Tops come standard with a magnehelic pressure gauge to monitor filter cleanliness, a cleanout tray, and easy to remove access doors for filter maintenance.
Dust	For dust producing applications, the unit is configured with a prefilter and a final filter. A washable metal spark arrester is also used for a sparking application. The standard prefilter is 40% efficient to a 0.7 μ and the final filter is 95% efficient to 0.7 μ .
Smoke/Fume	For welding applications, the unit is configured with a prefilter and a final filter. A washable metal spark arrester is also used. The standard prefilter is 40% efficient to a 0.7 μ and the final filter is 95% efficient to 0.7 μ . For fume control, 12 lbs. of activated carbon or a potassium permanganate/carbon blend filter is used depending on the chemistry of the fume.
HEPA	HEPA filter systems for dust, smoke, or fumes are also available. HEPA filters are 99.97% efficient to 0.3 μ .
Available Sizes:	Standard lengths are 36", 48", 60", 72", and 96". Standard depth of the work surface is 30" and standard height is 34". Standard depth can be increased in 5" increments up to 60". Flexible design construction allows customers to cost-effectively specify non-standard sizes.
Work Surface Area	The standard surface area of a DualDraw downdraft table ranges from 7.5 ft ² to 20 ft ² . The surface of the equipment is a series of 5" W perforated C-channel grates. Each grate has evenly spaced 1/2" x 3/16" perforations that create an equal distribution of downdraft across the surface.
Table Capacity	500 lbs. - 1,000 lbs. distributed weight. Reinforced heavier gauge grates and table sides available for heavy-duty use.
Cabinet	12-16 gauge modular body construction.
Finish	Electro Galvanized. Powder coat paint finish available.
Filters	A set of new filters are included with the unit. Discount replacement filter kits are available for reordering purposes. Depending on the application, the following may be contained in a unit: Standard 24" x 24" x 4" pleated prefilter. 40% efficient to 0.7 μ . MERV 7. Standard 24" x 24" x 4" pleated final filter. 95% efficient to 0.7 μ . MERV 14. Standard 24" x 24" x 2" activated carbon filter for fume removal. 6 lbs. Optional 24" x 24" x 11.5" HEPA filter. 99.97% efficient to 0.3 μ . MERV 17. Optional 24" x 24" x 12" activated carbon filter. Heavy-duty. 60 lbs.
Spark Arrester	Heavy-duty steel spark arrester to catch residual particulate and reduce fire hazard. Standard equipment for applications that generate hot particulate or spark. Washable.
Dust Pan	Standard removable front dust pan for easy cleanout and maintenance.
Electrical	Units come pre-wired with a thermally protected manual motor starter and two single phase outlets. Magnetic motor starter optional.
Motor	Single phase 115/220V or three phase 208/230/460V motor depending on customer requirement and unit size. Horsepower ranges from 3/4 HP to 6 HP based on table size and application. Hazardous duty motors available for combustible applications.
Capture Velocity Range	Ranges from 100 to 400 FPM depending on application and customer requirement.
Air Volume	Low flow and high flow options available. CFM ranges from 1,200 to 5,000 on standard units.
Sound	Ranges from 70 - 78 dB at operator work zone. Optional silencer package.
Magnehelic Gage	Pressure gauge provides indication of when filters should be checked.
Unit Weight	Varies based on size. Ranges from 750 to 1,500 lbs. uncrated.
Caster wheels	Optional heavy-duty 3.5" caster wheels for ease of movement.
Assembly	None required. Ships complete, FOB Commerce City, CO.
Regulatory	Helps meet OSHA Standard 1910.1000 (air contaminants).

RENDERING - Flat Top Downdraft Table



Contract Holder
FSS Contract
GS-25F-0161M

