



Portable Downdraft Table

Self Contained Downdraft Tables Using DualDraw® Airflow Technology

The DualDraw Portable Downdraft Table is a compact air filtration solution designed to maximize safety and collection efficiency while minimizing shop floor space. The thoughtful design of the unit provides portability while maintaining protection of operators from harmful particulate and fumes.

This downdraft table incorporates the patented DualDraw airflow design and is well-suited for working with smaller parts. It comes complete with a filter system configured with filter media based on the operator application.

The DualDraw approach to downdraft quality and performance is unique in the marketplace – we guarantee your satisfaction.



**PT2032 Portable
Downdraft Table**

**Rear View of
Internal Filter System**



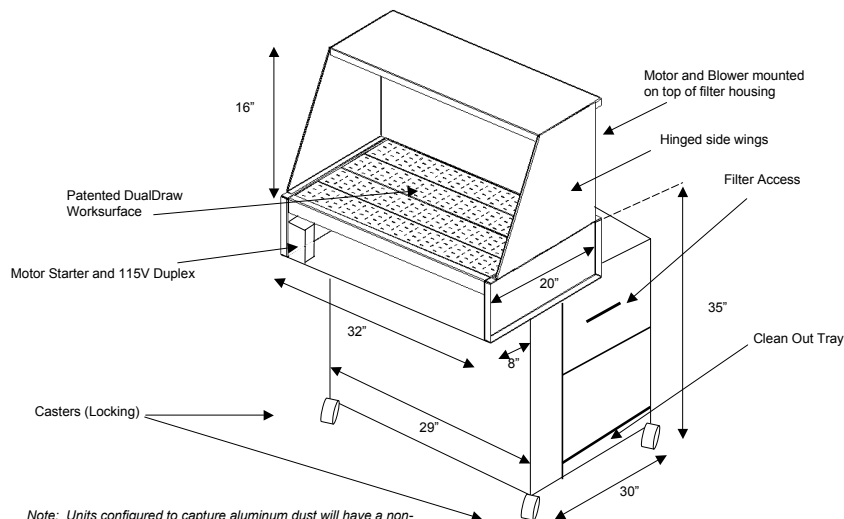


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SPECIFICATIONS

Design Name	Portable Downdraft Table
STANDARD MODELS:	PT2032, PT2032A, PT2032-AL (20"D X 32"W work surface),
General Specifications	
Characteristics	Patented DualDraw design: even distribution of airflow across a perforated surface. Small footprint and caster wheel system provide ease of portability. Self contained solution; no outdoor exhausting necessary.
Filtration Systems	The filtration system is designed to minimize footprint without compromising safety and filter life. Choose between dust collection (including aluminum dust), smoke or fume removal, and HEPA filtration. All filter systems come with a cleanout tray, a magnehelic gauge to monitor filter cleanliness, and an easy-to-remove access door 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, final filter, and washable metal spark arrester for safety. 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	Optional High Efficiency Particulate Air filter are available for maximum filter efficiency. HEPA filters are 99.97% efficient to 0.3 μ .
Available Sizes	Table footprint of the portable downdraft unit is 39" D x 32" W x 52" H. Flexible design construction allows customers to cost-effectively specify non-standard sizes.
Work Surface Area	The standard surface area of the portable downdraft table is 20" D x 32" W. The surface of the equipment is a series of 5" D x 32" 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. Units configured for the capture of aluminum dust come with non-sparking table grates and side shields.
Table Capacity	250 lbs. - 500 lbs. distributed weight. Reinforced grates and table sides available for heavy-duty use.
Cabinet	12-16 gauge modular body construction.
Finish	Powder coat paint finish. Safety blue, Cardinal paint color BL-01.
Filters	A set of new filters are included with the unit. Discount replacement filter kits are available through the DualDraw website. Depending on the application, the following may be contained in a unit: <ul style="list-style-type: none"> • Standard 24" x 24" x 4" pleated prefilter. 40% efficient to 0.7 microns. MERV 7. • Standard 24" x 24" x 4" pleated final filter. 95% efficient to 0.7 microns. MERV 14. • Standard 24" x 24" x 2" activated carbon filter for fume removal. 6 lbs. • Optional 24" x 24" x 4" HEPA filter. 99.97% efficient to 0.3 microns. MERV 17.
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 Pans	Cleanout tray in filter housing is standard.
Electrical	Units come pre-wired with a thermally protected manual motor starter and two single phase outlets.
Lighting	Two bulb fluorescent fixture and bulbs optional.
Motor	Single phase 115/220V. Horsepower ranges from 1/2 to 1 HP. Units configured to capture aluminum dust come with a non-sparking fan wheel.
Capture Velocity Range	Ranges from 200 to 350 FPM depending on application and customer requirement.
Air Volume	Low flow and high flow options available. CFM ranges from 1,200 to 2,000 on standard units.
Sound	Ranges from 70 - 74 dB at operator work zone. Optional silencer package.
Magnehelic Gauge	Pressure gauge provides indication of when filters should be checked.
Unit Weight	Approximately 450 lbs. uncrated.
Caster wheels	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). Units configured to capture aluminum dust comply with NFPA 484.

RENDERING - Portable Downdraft Table



Contract Holder
GSA FSS Contract
GS-25F-0161M