



Downdraft Tables with Vented Back Wall

Tables Using Patented DualDraw® Airflow Technology

The DualDraw Downdraft Table with the proprietary vented back wall is an air filtration solution designed to balance containment with application versatility.

This unique downdraft table solution incorporates the patented DualDraw symmetrical airflow of a perforated work surface and vented back wall combined with a modular filtration system. Filtration on every table is configured based on the customer application and specifically addresses the hazard generated from an operator's particular process: metal dust, wood dust, composite dust, organic dust, pharmaceutical dust, welding fume, cutting smoke, adhesive odors, and various other airborne hazards are all effectively captured and contained with this configurable and versatile solution.

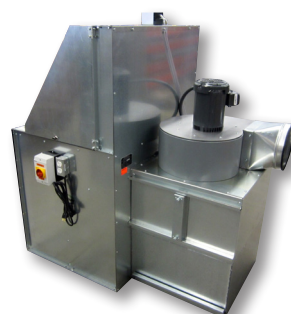
The DualDraw approach to solving customer dust and fume challenges stands alone in the marketplace – each product has our signature satisfaction guarantee and a multi-year warranty on parts and labor.



BG3060-IS



BG3048D



Rear View with Smoke/Fume
Collection Filter Housing



BG3096-AL



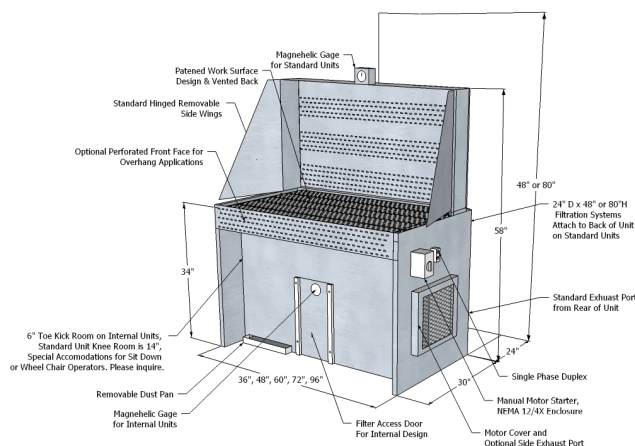


WWW.DUALDRAW.COM
800-977-2125

SPECIFICATIONS

Design Name	The BG Series: DualDraw Downdraft Tables with Vented Back Stop
Standard Models	BG3036 (30"D X 36"W work surface), BG3048 (30"D X 48"W work surface), BG3060 (30"D X 60"W work surface), BG3072 (30"D X 72"W work surface), BG3096 (30"D X 96"W work surface). Low Flow or High Flow. Filter system designation: D (Dust Collection), F (Smoke/Fume Removal), IS (Internal System), H (HEPA), SC (Self Cleaning).
General Specifications	
Characteristics	Patented DualDraw design: even distribution of airflow across a perforated surface and vented back stop. Modular fastening system provides design flexibility to meet customer requirements in a cost-effective manner. Self-contained solution; outdoor exhausting not necessary.
Filtration Systems	Filtration systems attach to the back of equipment or can be located internally. Choose between dust collection, smoke or fume removal, or HEPA filtration for sub-micron dust/fume. All filtration systems come with cleanout trays and hand-removable access doors for filter maintenance ease.
Dust	Dust filter housings are modular and attach to the back of the unit. Dust filter housing dimensions are approximately 24"D x 24"W x 80"H. Cleanout tray for ease of maintenance.
Smoke/Fume	Smoke/Fume filter housings are modular and attach to the back of the unit. Smoke/Fume filter housing dimensions are approximately 24"D x 24"W x 48"H. Cleanout tray for ease of maintenance.
Internal	Internal filter systems are located inside the table and accessed via a door located on the bottom front of the unit. Internal filter systems reduce overall depth footprint by 24" and are a practical solution when space is limited. Cleanout tray for ease of maintenance.
HEPA	Specialized HEPA filtration systems for sub-micron dust, smoke, or fumes are available.
Available Sizes	Standard table lengths are 36", 48", 60", 72", and 96". Standard work surface depth is 30". Table footprint extends an additional 24"D to account for the filter housing. Flexible design construction allows customers to cost-effectively specify non-standard sizes or configurations.
Work Surface Area	The standard work surface area of a DualDraw downdraft table ranges from 4.5ft ² to 20ft 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 work surface and table sides are available as an option for heavy-duty use.
Cabinet	14-16 gauge modular body construction. Heavier duty build available if required.
Finish	Electro-galvanized, galaxy finish. Stainless steel or powder coat paint finish available as options.
Filters	A set of new filters are always included with new units. Discount replacement filter kits are available, please inquire. 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 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 30" 10-pocket dust bag filter. 85% efficient to 1.0 μ MERV 13. 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 for fume removal. Heavy-duty, refillable. 60 lbs.
Spark Arrestor	Heavy-duty steel spark arrestor to catch residual particulate and reduce fire hazard. Standard for applications may generate heat and create a fire hazard. Washable.
Dust Pans	Optional removable front dust pan for easy cleanout and maintenance. Cleanout tray in filter housing standard on all designs.
Electrical	Units come pre-wired with a thermally protected manual motor starter; NEMA 12/4X enclosure.
Lighting	Lights are optional on the BG series. Available in standard fluorescent or LED.
Motor	Single phase 115/220V or three phase 208/230/460V motor depending on customer requirement. Horsepower ranges from 3/4 HP to 10 HP based on table size and application. Hazardous duty motor available as option. Can also meet international electric standards if required.
Capture Velocity	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. Distribution of air is 68% through table surface and 32% through vented back.
Sound	Ranges from 74 - 78 dB at operator work zone. Optional silencer package available.
Magnehelic Gauge	Differential pressure gauge provides indication of when filters should be checked or changed.
Unit Weight	Varies based on size. Ranges from 600 to 1,800 lbs. for standard downdraft sizes.
Caster wheels	Optional heavy-duty caster wheels for ease of movement.
Assembly	None required on standard units.
Shipping	Ships complete, FOB Denver, CO.
Start-up and Training	Typically not required on standard downdraft equipment but available in certain circumstances, please inquire.
Preventative Maintenance	Annual maintenance packages available. Includes equipment diagnostics, application assessment, full filter change, and written report.
Regulatory	Helps meet indoor air quality OSHA Standard 1910.1000.

RENDERING - Downdraft Table with Vented Back Stop



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