



## Stand Alone Portable Filter Systems with Panel Fume Arm Option

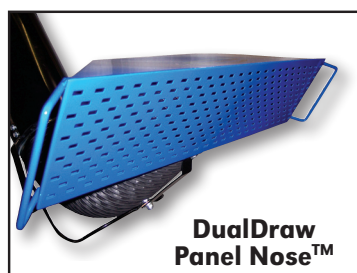
Self Contained Air Filtration Equipment Using DualDraw® Airflow Technology

The DualDraw Stand Alone Portable Filtration System is a portable air filtration unit designed to provide users with the ability to collect dust and fumes with maximum versatility. The equipment comes standard with a flange for users to connect ducting attached to pre-existing tables, hoods, or other air capture mechanisms. Flange sized based on user requirement.

A popular option for operators to consider is the 10' fume arm equipped with the patented DualDraw Panel Nose™ attachment. This unique arm attachment provides maximum collection efficiency of dust and fumes and is exclusively available only through DualDraw.

Filtration media for the unit is based on user application and can be configured to handle a range of airborne contaminants including but not limited to welding fumes, grinding dust, toxic vapors, combustible aluminum dust and more. It ships complete from the factory with a set of new filters in the unit, caster wheels for portability, and a standard 115V plug to get your operation up and running in minutes.

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



DualDraw Panel Nose™

SAF Dust



SAF Fumes



Connected Table



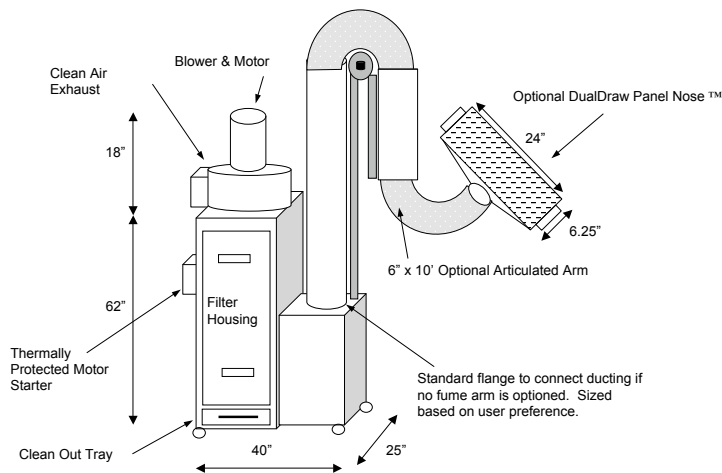


WWW.DUALDRAW.COM  
800-977-2125

# SPECIFICATIONS

<b>Design Name</b>	Stand Alone Portable Filter Systems
<b>STANDARD MODELS:</b>	SAF-1200, SAF-2000, SAF-3000, SAF-SC, SAF-FA
<b>General Specifications</b>	
<b>Characteristics</b>	The Stand Alone Portable Filtration System (SAF) provides maximum versatility for air pollution control. It ships complete on caster wheels and connects easily to existing ducting and hood systems. Self contained air filtration solution; no outdoor exhausting necessary. Patented DualDraw design for Panel Nose™ fume arm attachment: even distribution of airflow across a perforated surface.
<b>Filtration Systems</b>	Choose between dust collection (including combustible 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.
<b>Dust</b>	For dust producing applications, the unit is configured with a prefilter and a final dust bag filter. A washable metal spark arrestor is also used for a sparking application. The standard prefilter is 40% efficient to a 0.7 μ and the final dust bag filter is 85% efficient to 1.0 μ.
<b>Smoke/Fume</b>	For welding applications, the unit is configured with a prefilter, final filter, and washable metal spark arrestor 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. or 60 lbs. of activated carbon or a potassium permanganate/carbon blend filter is used depending on the volume and the chemistry of the fume based on MSDS reports.
<b>HEPA</b>	Optional High Efficiency Particulate Air filter are available for maximum filter efficiency. HEPA filters are 99.97% efficient to 0.3 μ.
<b>Available Sizes</b>	The footprint of the SAF for dust is 40" D x 25" W x 80" H. For fumes the footprint is 25" D x 25" W x 48" H. Flexible design construction allows customers to cost-effectively specify non-standard sizes.
<b>Optional Panel Nose™</b>	The optional Panel Nose™ is designed to provide operators with an easy solution to collection needs within a small space. The capture area is 6.25" D x 24" W, well-suited for operators performing their application in a straight line pattern. The nose comes standard with easy-to-use grabber bars for simple positioning.
<b>Cabinet</b>	12-16 gauge modular body construction.
<b>Finish</b>	Electro-galvanized metal finish – non-glare. Powder coat paint finish available as an option.
<b>Filters</b>	A set of new filters is 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"> <li>• Standard 24" x 24" x 4" pleated prefilter. 40% efficient to 0.7 microns. MERV 7.</li> <li>• Standard 24" x 24" x 4" pleated final filter. 95% efficient to 0.7 microns. MERV 14.</li> <li>• Standard 24" x 24" x 30" 10-pocket dust bag filter. 85% efficient to 1.0 micron. MERV 13.</li> <li>• Standard 24" x 24" x 2" activated carbon filter for fume removal. 6 lbs.</li> <li>• Optional 24" x 24" x 11.5" HEPA filter. 99.97% efficient to 0.3 microns. MERV 17.</li> <li>• Optional 24" x 24" x 12" activated carbon filter. Heavy-duty. 60 lbs.</li> </ul>
<b>Spark Arrestor</b>	Heavy-duty steel spark arrestor to catch residual particulate and reduce fire hazard. Standard equipment for applications that generate hot particulate or spark. Washable.
<b>Dust Pans</b>	Cleanout tray in filter housing is standard.
<b>Electrical</b>	Units come pre-wired with a thermally protected manual motor starter.
<b>Motor</b>	Single phase 115/220V. Horsepower ranges from ½ to 1 HP. Units configured to capture aluminum dust come with a non-sparking fan wheel.
<b>Capture Velocity Range</b>	Will depend on the final user configuration including duct length and final hood/table arrangement. Panel Nose™ capture velocity ranges from 200 to 300 FPM four to six inches from application.
<b>Air Volume</b>	Low flow and high flow options available. CFM ranges from 1,200 to 2,000 on standard units.
<b>Sound</b>	Ranges from 68 – 72 dB at operator work zone. Optional silencer package.
<b>Magnehelic Gauge</b>	Pressure gauge provides indication of when filters should be checked.
<b>Unit Weight</b>	Approximately 250 lbs. uncrated.
<b>Caster wheels</b>	Heavy-duty 3.5" caster wheels for ease of movement.
<b>Assembly</b>	None required. Ships complete, FOB Commerce City, CO.
<b>Regulatory</b>	Helps meet OSHA Standard 1910.1000 (air contaminants). Units configured to capture aluminum dust comply with NFPA 484.

## RENDERING - SAF with Panel Nose Fume Arm



Note: Dust collection filter housing shown above. Other filter housings available as per specifications.

Contract Holder  
FSS Contract  
GS-25F-0161M

