



GLOBAL FINISHING SOLUTIONS

Dust Collection

Sanding & Grinding Booths

Blast Booths

Dust Collectors



APPLICATIONS: • Metal • Wood • Fiberglass • Laminates

Sanding Booths

BATCH MODELS - *Not Recommended for Grinding*



Optional white pre-coated panels

BOOTH FEATURES

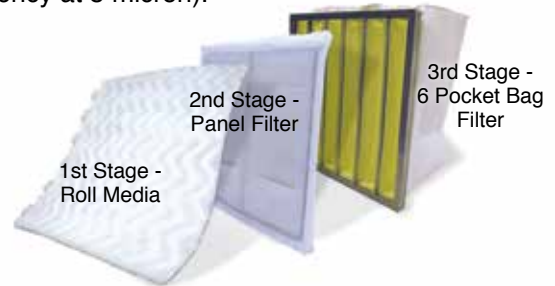
- Galvanized steel panels
- Heavy-duty, high-capacity, low noise plug fan (rated at 1.5" SP)
- Smooth interior for easy maintenance
- 3-stage filtration system that includes a full set of filters, grids and manometer for filter maintenance
- Energy-efficient, inside-access light fixture(s)
- Recirculates clean air
- Assembly hardware and drawings
- Air make-up not required
- Designed to comply with all federal, OSHA and NFPA regulations

OPTIONS

- White pre-coated panels
- Classic control panel

3-STAGE FILTRATION SYSTEM

Incorporated into GFS Batch Sanding Booths, the 3-Stage Filtration System is highly effective at capturing high volumes of dust (with up to 99.9% filter efficiency at 5 micron).



Sanding Booths

Standard Model No.	Inside Dimensions			Outside Dimensions			Fan Clear Height	Light Qty	Min. CFM @ 1.5" s.p.	Wheel Diameter	Motor HP
	Width	Height	Depth	Width	Height	Depth					
8 Ft. Wide Booths											
DNRG-080806	8'	8'	6'	8'-4"	8'-2"	10'-2"	12'-2"	1	6400	25"	3
DNRG-080809	8'	8'	9'	8'-4"	8'-2"	13'-2"	12'-2"	1	6400	25"	3
DNRG-080812	8'	8'	12'	8'-4"	8'-2"	16'-2"	12'-2"	2	6400	25"	3
DNRG-081006	8'	10'	6'	8'-4"	10'-2"	10'-2"	14'-2"	1	8000	25"	3
DNRG-081009	8'	10'	9'	8'-4"	10'-2"	13'-2"	14'-2"	1	8000	25"	3
DNRG-081012	8'	10'	12'	8'-4"	10'-2"	16'-2"	14'-2"	2	8000	25"	3
10 Ft. Wide Booths											
DNRG-100806	10'	8'	6'	10'-4"	8'-2"	10'-2"	12'-2"	2	8000	25"	3
DNRG-100809	10'	8'	9'	10'-4"	8'-2"	13'-2"	12'-2"	2	8000	25"	3
DNRG-100812	10'	8'	12'	10'-4"	8'-2"	16'-2"	12'-2"	4	8000	25"	3
DNRG-101006	10'	10'	6'	10'-4"	10'-2"	10'-2"	14'-11"	2	10000	28"	5
DNRG-101009	10'	10'	9'	10'-4"	10'-2"	13'-2"	14'-11"	2	10000	28"	5
DNRG-101012	10'	10'	12'	10'-4"	10'-2"	16'-2"	14'-11"	4	10000	28"	5
12 Ft. Wide Booths											
DNRG-120806	12'	8'	6'	12'-4"	8'-10"	10'-2"	12'-11"	2	9600	28"	3
DNRG-120809	12'	8'	9'	12'-4"	8'-10"	13'-2"	12'-11"	2	9600	28"	3
DNRG-120812	12'	8'	12'	12'-4"	8'-10"	16'-2"	12'-11"	4	9600	28"	3
DNRG-121006	12'	10'	6'	12'-4"	10'-10"	10'-2"	14'-11"	2	12000	28"	5
DNRG-121009	12'	10'	9'	12'-4"	10'-10"	13'-2"	14'-11"	2	12000	28"	5
DNRG-121012	12'	10'	12'	12'-4"	10'-10"	16'-2"	14'-11"	4	12000	28"	5
14 Ft. Wide Booths											
DNRG-140806	14'	8'	6'	14'-4"	8'-10"	10'-2"	12'-11"	2	11200	28"	5
DNRG-140809	14'	8'	9'	14'-4"	8'-10"	13'-2"	12'-11"	2	11200	28"	5
DNRG-140812	14'	8'	12'	14'-4"	8'-10"	16'-2"	12'-11"	4	11200	28"	5
DNRG-141006	14'	10'	6'	14'-4"	10'-10"	10'-2"	15'-4"	2	14000	35"	5
DNRG-141009	14'	10'	9'	14'-4"	10'-10"	13'-2"	15'-4"	2	14000	35"	5
DNRG-141012	14'	10'	12'	14'-4"	10'-10"	16'-2"	15'-4"	4	14000	35"	5
16 Ft. Wide Booths											
DNRG-160806	16'	8'	6'	16'-4"	8'-10"	10'-2"	12'-11"	2	12800	28"	5
DNRG-160809	16'	8'	9'	16'-4"	8'-10"	13'-2"	12'-11"	2	12800	28"	5
DNRG-160812	16'	8'	12'	16'-4"	8'-10"	16'-2"	12'-11"	4	12800	28"	5
DNRG-161006	16'	10'	6'	16'-4"	10'-10"	10'-2"	15'-4"	2	16000	35"	7.5
DNRG-161009	16'	10'	9'	16'-4"	10'-10"	13'-2"	15'-4"	2	16000	35"	7.5
DNRG-161012	16'	10'	12'	16'-4"	10'-10"	16'-2"	15'-4"	4	16000	35"	7.5
18 Ft. Wide Booths											
DNRG-180806	18'	8'	6'	18'-4"	8'-10"	10'-2"	13'-4"	3	14400	35"	7.5
DNRG-180809	18'	8'	9'	18'-4"	8'-10"	13'-2"	13'-4"	3	14400	35"	7.5
DNRG-180812	18'	8'	12'	18'-4"	8'-10"	16'-2"	13'-4"	6	14400	35"	7.5
DNRG-181006	18'	10'	6'	18'-4"	10'-10"	10'-2"	15'-4"	3	18000	35"	7.5
DNRG-181009	18'	10'	9'	18'-4"	10'-10"	13'-2"	15'-4"	3	18000	35"	7.5
DNRG-181012	18'	10'	12'	18'-4"	10'-10"	16'-2"	15'-4"	6	18000	35"	7.5
20 Ft. Wide Booths											
DNRG-200806	20'	8'	6'	20'-4"	8'-10"	10'-2"	13'-4"	4	16000	35"	7.5
DNRG-200809	20'	8'	9'	20'-4"	8'-10"	13'-2"	13'-4"	4	16000	35"	7.5
DNRG-200812	20'	8'	12'	20'-4"	8'-10"	16'-2"	13'-4"	8	16000	35"	7.5
DNRG-201006	20'	10'	6'	20'-4"	10'-10"	10'-2"	15'-4"	4	20000	35"	7.5
DNRG-201009	20'	10'	9'	20'-4"	10'-10"	13'-2"	15'-4"	4	20000	35"	7.5
DNRG-201012	20'	10'	12'	20'-4"	10'-10"	16'-2"	15'-4"	8	20000	35"	7.5

Sanding & Grinding Booths

HIGH PRODUCTION MODELS

BOOTH FEATURES

- 18-gauge galvanized steel panels, precision-flanged and pre-punched for easy assembly
- Heavy-duty, high-capacity plug fan
- Smooth interior for easy maintenance
- Fully assembled module(s) with cartridge filters
- Energy-efficient, inside-access light fixture(s)
- Recirculates clean air
- Assembly hardware and drawings
- Air make-up not required
- Designed to comply with all federal, OSHA and NFPA regulations



OPTIONS

- White pre-coated panels
- Panels can be lined with fire retardant, acoustical, washable material for noise absorption
- Booth extensions
- Deluxe control panel



Standard Model No.	Inside Dimensions			Outside Dimensions			Includes SAFE-AIR Module(s)				No. Light Fixtures	
	Width	Height	Depth*	Width	Height	Depth	Size	Qty	F.P.M. Clean	SCFM		
Wood & Metals (not recommended for combustible metals)												
DCBG-080806-SG	8'	8'	6'	8'-4"	8'-2"	10'	4'	2	140	10,240	1	
DCBG-080809-SG	8'	8'	9'	8'-4"	8'-2"	13'	4'	2	140	10,240	1	
DCBG-080812-SG	8'	8'	12'	8'-4"	8'-2"	16'	4'	2	140	10,240	2	
DCBG-120806-SG	12'	8'	6'	12'-4"	8'-10"	10'	4'	3	140	15,360	2	
DCBG-120809-SG	12'	8'	9'	12'-4"	8'-10"	13'	4'	3	140	15,360	2	
DCBG-120812-SG	12'	8'	12'	12'-4"	8'-10"	16'	4'	3	140	15,360	4	
DCBG-150806-SG	15'	8'	6'	15'-4"	8'-10"	10'	7'	2	140	17,920	4	
DCBG-150809-SG	15'	8'	9'	15'-4"	8'-10"	13'	7'	2	140	17,920	4	
DCBG-150812-SG	15'	8'	12'	15'-4"	8'-10"	16'	7'	2	140	17,920	8	
DCBG-220806-SG	22'	8'	6'	23'-4"	8'	10'	7'	3	140	26,880	5	
DCBG-220809-SG	22'	8'	9'	23'-4"	8'	13'	7'	3	140	26,880	5	
DCBG-220812-SG	22'	8'	12'	23'-4"	8'	16'	7'	3	140	26,880	10	
Fiberglass, Laminates & Composites												
DCBG-080806-CO	8'	8'	6'	8'-4"	8'-2"	10'	4'	2	140	10,240	1	
DCBG-080809-CO	8'	8'	9'	8'-4"	8'-2"	13'	4'	2	140	10,240	1	
DCBG-080812-CO	8'	8'	12'	8'-4"	8'-2"	16'	4'	2	140	10,240	2	
DCBG-120806-CO	12'	8'	6'	12'-4"	8'-10"	10'	4'	3	140	15,360	2	
DCBG-120808-CO	12'	8'	9'	12'-4"	8'-10"	13'	4'	3	140	15,360	2	
DCBG-120812-CO	12'	8'	12'	12'-4"	8'-10"	16'	4'	3	140	15,360	4	
DCBG-150806-CO	15'	8'	6'	15'-4"	8'-10"	10'	7'	2	140	17,920	4	
DCBG-150809-CO	15'	8'	9'	15'-4"	8'-10"	13'	7'	2	140	17,920	4	
DCBG-150812-CO	15'	8'	12'	15'-4"	8'-10"	16'	7'	2	140	17,920	8	
DCBG-220806-CO	22'	8'	6'	23'-4"	8'	10'	7'	3	140	26,880	5	
DCBG-220809-CO	22'	8'	9'	23'-4"	8'	13'	7'	3	140	26,880	5	
DCBG-220812-CO	22'	8'	12'	23'-4"	8'	16'	7'	3	140	26,880	10	

*Working depth is nominal, actual working depth will vary depending on module type selected, Dust Collection Modules are on pg 6.

Blast Booths

An alternative to chemical stripping for removing paint is abrasive blasting. Blasting safely and efficiently removes paint by forcibly propelling abrasive material against a surface under high pressure.

GFS' blast booths provide a safe, clean environment for blasting operations. Our blast booths are custom engineered, designed and built to meet your unique requirements.

BOOTH FEATURES

- 11-gauge galvanized steel panels, rigidly reinforced with structural steel.
- Panels are pre-punched and companion flanged for easy assembly
- 4-foot, 6-tube fluorescent light fixtures mounted behind a polycarbonate light lens. Rear-hinged access for easy lamp replacement. ETL listed.
- Blast shields for intake/exhaust vents to prevent media from exiting the enclosure
- Door limit switches to shut down air when booth doors open
- Designed to comply with all federal, OSHA and NFPA regulations

OPTIONS

- Rubber liner (1/4" thick) for side/end walls and product doors
- Media recovery systems
- Rubber roll-up doors
- Conveyor and crane openings



< Optional crane opening

Optional > rubber lining



Dust Collectors

DUST COLLECTION MODULES

GFS Dust Collection Modules operate by pulling air into the module and through a cartridge filtration system. Dust is filtered out, while clean air is exhausted back into the plant. Standard modules obtain up to 99.8% efficiency at 5 microns.

FEATURES

- Factory assembled
- High-efficiency cartridge filtration system
- Heavy-duty construction, 12-gauge painted mild steel
- Direct-drive blower & motor, 208, 230/460V, 60-Hz, 3 PH
- Compressed air requirements: clean filtered dry air, 6 cfm at 80 to 100 psi
- Complies with all federal, OSHA and NFPA regulations
- Choose door type:
 - Open Louver** for dust and sanding
 - Spark Arrestor** for all grinding applications

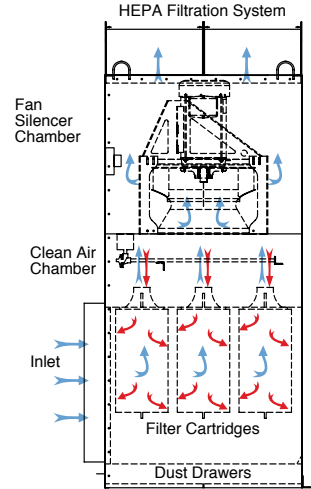


OPTIONS

- Deluxe control panel
- HEPA filtration

HEPA FILTRATION

Modules can be offered with an additional HEPA filtration system. These models obtain 99.9% efficiency at 0.3-microns, and include a magnahelic gauge to monitor HEPA filtration performance. Modules with HEPA filtration meet the requirements for safe hexavalent chromium arrestance.



Standard Model No.	Performance Data				Specifications					Appx. Ship Weight (lbs)	Optional Deluxe Control Panel
	Blower HP	No. Filters	Sq. Ft. Filters	SCFM	Width	Height	Depth*	Dust Stor. (cu. ft.)	Air-Filter Ratio		
Wood & Metals (not recommended for combustible metals)											
DCM-4-SG	5	9	1,719	5,120	4'	8' 2"	4'	4.8	3.0:1	1,550	SBCP-105
DCM-7-SG	7.5	15	2,865	8,960	7'	8' 2"	4'	8.4	3.1:1	2,400	SBCP-107
Fiberglass, Laminates & Composites											
DCM-4-CO	5	9	1,719	5,120	4'	8' 2"	4'	4.8	3.0:1	1,550	SBCP-105
DCM-7-CO	7.5	15	2,865	8,960	7'	8' 2"	4'	8.4	3.1:1	2,400	SBCP-107

HEPA Filtration Model No.	Performance Data							Specifications					Optional Deluxe Control Panel	
	Blower HP	No. of Primary Filters	Sq. Ft. Primary Filter	No. of HEPA Filters	Sq. Ft. HEPA Filter	SCFM	F.P.M. Clean	F.P.M. Dirty	Width	Height	Depth*	Dust Stor.		Air Flow Ratio
Wood & Metals (not recommended for combustible metals)														
DCM-4H-SG	7.5	9	1,719	4	1,560	5,120	140	120	4'	10' 2"	4'	4.8	3.0:1	SBCP-110
DCM-7H-SG	10	15	2,865	6	2,340	8,960	140	120	7'	10' 2"	4'	8.4	3.1:1	SBCP-115
Fiberglass, Laminates & Composites														
DCM-4H-CO	7.5	9	1,719	4	1,560	5,120	140	120	4'	10' 2"	4'	4.8	3.0:1	SBCP-110
DCM-7H-CO	10	15	2,865	6	2,340	8,960	140	120	7'	10' 2"	4'	8.4	3.1:1	SBCP-115

*Working depth determined by door type and size



Dust Collectors

HIGH PRODUCTION COLLECTORS FOR BLASTING APPLICATIONS

GFS High Production Dust Collectors have been used with a wide variety of applications, including blasting, welding, mixing and conveyor transfer stations. These dust collectors are particularly well suited for filtering very fine particles in large air volumes. Standard models range from a four-cartridge to 80-cartridge capacity, handling small to high volume air capacities.

DOWNDRAFT AIRFLOW

Dust-laden air is pulled from air inlet on the top of the unit, through horizontal filter cartridges and into the collection hopper below.

ON-DEMAND FILTER CLEANING

A photohelic gauge on the dust collector monitors pressure change in the cartridge filters. When the filters' differential pressure reaches the upper set point, reverse pulsejet cleaning begins by pulsing compressed air through the filters. This cycle continues until the differential pressure has reached the lower set point. When the last cartridge filters are cleaned, the cycle shuts off.

EASY MAINTENANCE

Filter cartridges are easily accessed for service or replacement through portholes on the front of the collector module.

Collector Model No.	Specifications						
	Width	Height	Depth	Filter Cartridge Measure Area	Air to Filter Ratio	No. Cartridge Filters	SCFM
HVC-4-2-1	40"	115"	72"	904	2.7:1	4	2,400
HVC-8-2-2	40"	125"	72"	1,808	2.7:1	8	4,800
HVC-12-2-3	60"	125"	72"	2,712	2.7:1	12	7,200
HVC-16-2-4	80"	125"	72"	3,616	2.7:1	16	9,600
HVC-24-4-3	80"	144"	72"	5,424	2.7:1	24	14,400
HVC-32-4-4	80"	163"	72"	7,232	2.7:1	32	19,200
HVC-36-6-3	120"	144"	72"	8,136	2.7:1	36	21,600
HVC-48-6-4	120"	163"	72"	10,848	2.7:1	48	28,800
HVC-60-10-3	200"	144"	72"	13,560	2.7:1	60	36,000
HVC-72-12-3	240"	144"	72"	16,272	2.7:1	72	43,200
HVC-80-10-4	200"	163"	72"	18,080	2.7:1	80	48,000

The first digit in the model number indicated the total number of filter cartridges in the unit. The second digit indicates the number of horizontal filter rows, and the third digit indicates the number of vertical filter rows.





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All designs, specifications and components are subject to change at the manufacturer's sole discretion at any time without notice. Data published herein is informational in nature and shall not be construed to warrant suitability of the unit for any particular purpose as performance may vary with the conditions encountered.

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