

DUST COLLECTION

SANDING & GRINDING BOOTHS | DUST COLLECTION MODULES



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SANDING BOOTHS

Typically used in batch and low- to medium-production applications, this dust collection booth features an open-face design, two-stage filtration system and high-capacity, low-noise recirculation fan for maintaining a high-performance application environment.



BOOTH FEATURES:

- 18-gauge galvanized steel panels
- Smooth interior for easy maintenance
- Primary filtration system with full set of filters, grids and manometer for filter maintenance
- MERV 14-rated redundant filters
- High-performance, direct-drive plug fan with TEFC motor
- Four-tube, T8 fluorescent light fixture(s)
- Designed to comply with applicable NFPA and OSHA standards

OPTIONS:

- Pre-coated white panels
- Additional sidewall or ceiling light fixtures
- T8 LED lamps
- HEPA filters
- Electromechanical control panel



PRIMARY FILTERS
GFS Wave® Roll Filter | Panel Filter



REDUNDANT FILTERS
MERV 14 rated

SANDING BOOTHS

Standard Model No.	Inside Dimensions			Outside Dimensions			Fan Clear Height	Light Qty	Min. CFM at 1.5" SP	Wheel Diameter	Motor HP
	Width	Height	Depth	Width	Height	Depth					
8-Foot-Wide Booths											
DNRG-080806	8'	8'	6'	8' 4"	8' 2"	10' 2"	12' 2"	1	6,400	25"	3
DNRG-080809	8'	8'	9'	8' 4"	8' 2"	13' 2"	12' 2"	1	6,400	25"	3
DNRG-080812	8'	8'	12'	8' 4"	8' 2"	16' 2"	12' 2"	2	6,400	25"	3
DNRG-081006	8'	10'	6'	8' 4"	10' 2"	10' 2"	14' 2"	1	8,000	25"	3
DNRG-081009	8'	10'	9'	8' 4"	10' 2"	13' 2"	14' 2"	1	8,000	25"	3
DNRG-081012	8'	10'	12'	8' 4"	10' 2"	16' 2"	14' 2"	2	8,000	25"	3
10-Foot-Wide Booths											
DNRG-100806	10'	8'	6'	10' 4"	8' 2"	10' 2"	12' 2"	2	8,000	25"	3
DNRG-100809	10'	8'	9'	10' 4"	8' 2"	13' 2"	12' 2"	2	8,000	25"	3
DNRG-100812	10'	8'	12'	10' 4"	8' 2"	16' 2"	12' 2"	4	8,000	25"	3
DNRG-101006	10'	10'	6'	10' 4"	10' 2"	10' 2"	14' 11"	2	10,000	28"	5
DNRG-101009	10'	10'	9'	10' 4"	10' 2"	13' 2"	14' 11"	2	10,000	28"	5
DNRG-101012	10'	10'	12'	10' 4"	10' 2"	16' 2"	14' 11"	4	10,000	28"	5
12-Foot-Wide Booths											
DNRG-120806	12'	8'	6'	12' 4"	8' 10"	10' 2"	12' 11"	2	9,600	28"	3
DNRG-120809	12'	8'	9'	12' 4"	8' 10"	13' 2"	12' 11"	2	9,600	28"	3
DNRG-120812	12'	8'	12'	12' 4"	8' 10"	16' 2"	12' 11"	4	9,600	28"	3
DNRG-121006	12'	10'	6'	12' 4"	10' 10"	10' 2"	14' 11"	2	12,000	28"	5
DNRG-121009	12'	10'	9'	12' 4"	10' 10"	13' 2"	14' 11"	2	12,000	28"	5
DNRG-121012	12'	10'	12'	12' 4"	10' 10"	16' 2"	14' 11"	4	12,000	28"	5
14-Foot-Wide Booths											
DNRG-140806	14'	8'	6'	14' 4"	8' 10"	10' 2"	12' 11"	2	11,200	28"	5
DNRG-140809	14'	8'	9'	14' 4"	8' 10"	13' 2"	12' 11"	2	11,200	28"	5
DNRG-140812	14'	8'	12'	14' 4"	8' 10"	16' 2"	12' 11"	4	11,200	28"	5
DNRG-141006	14'	10'	6'	14' 4"	10' 10"	10' 2"	15' 4"	2	14,000	38"	5
DNRG-141009	14'	10'	9'	14' 4"	10' 10"	13' 2"	15' 4"	2	14,000	38"	5
DNRG-141012	14'	10'	12'	14' 4"	10' 10"	16' 2"	15' 4"	4	14,000	38"	5
16-Foot-Wide Booths											
DNRG-160806	16'	8'	6'	16' 4"	8' 10"	10' 2"	12' 11"	2	12,800	28"	5
DNRG-160809	16'	8'	9'	16' 4"	8' 10"	13' 2"	12' 11"	2	12,800	28"	5
DNRG-160812	16'	8'	12'	16' 4"	8' 10"	16' 2"	12' 11"	4	12,800	28"	5
DNRG-161006	16'	10'	6'	16' 4"	10' 10"	10' 2"	15' 4"	2	16,000	35"	7.5
DNRG-161009	16'	10'	9'	16' 4"	10' 10"	13' 2"	15' 4"	2	16,000	35"	7.5
DNRG-161012	16'	10'	12'	16' 4"	10' 10"	16' 2"	15' 4"	4	16,000	35"	7.5
18-Foot-Wide Booths											
DNRG-180806	18'	8'	6'	18' 4"	8' 10"	10' 2"	13' 4"	3	14,400	35"	7.5
DNRG-180809	18'	8'	9'	18' 4"	8' 10"	13' 2"	13' 4"	3	14,400	35"	7.5
DNRG-180812	18'	8'	12'	18' 4"	8' 10"	16' 2"	13' 4"	6	14,400	35"	7.5
DNRG-181006	18'	10'	6'	18' 4"	10' 10"	10' 2"	15' 4"	3	18,000	35"	7.5
DNRG-181009	18'	10'	9'	18' 4"	10' 10"	13' 2"	15' 4"	3	18,000	35"	7.5
DNRG-181012	18'	10'	12'	18' 4"	10' 10"	16' 2"	15' 4"	6	18,000	35"	7.5
20-Foot-Wide Booths											
DNRG-200806	20'	8'	6'	20' 4"	8' 10"	10' 2"	13' 4"	4	16,000	35"	7.5
DNRG-200809	20'	8'	9'	20' 4"	8' 10"	13' 2"	13' 4"	4	16,000	35"	7.5
DNRG-200812	20'	8'	12'	20' 4"	8' 10"	16' 2"	13' 4"	8	16,000	35"	7.5
DNRG-201006	20'	10'	6'	20' 4"	10' 10"	10' 2"	15' 4"	4	20,000	35"	7.5
DNRG-201009	20'	10'	9'	20' 4"	10' 10"	13' 2"	15' 4"	4	20,000	35"	7.5
DNRG-201012	20'	10'	12'	20' 4"	10' 10"	16' 2"	15' 4"	8	20,000	35"	7.5

SANDING & GRINDING BOOTHS

Designed for both sanding and grinding applications, this high-production dust collection booth features an open face booth design, fully assembled dust collection modules and high-capacity, low-noise fan for capturing dust and recirculating clean air.



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
- MERV 13-rated redundant filters
- Energy-efficient, inside-access light fixture(s)
- Designed to comply with applicable NFPA and OSHA standards

OPTIONS

- Pre-coated white panels
- Fire retardant, acoustical, washable liner
- Conveyor openings
- Booth extensions
- Product doors
- Deluxe control panel



SANDING & GRINDING BOOTHS

Standard Model No.	Inside Dimensions			Outside Dimensions			No. of Lights	Total CFM	Collector Type / Qty.	
	Width	Height	Depth*	Width	Height	Depth			DCM-4	DCM-7
6-Foot-Wide Booths										
DCBG-060806	6'	8'	6'	6' 4"	8' 2"	10'	1	5,120	1	
DCBG-060809	6'	8'	9'	6' 4"	8' 2"	13'	1	5,120	1	
DCBG-060812	6'	8'	12'	6' 4"	8' 2"	16'	2	5,120	1	
DCBG-061006	6'	10'	6'	6' 4"	10' 2"	10'	1	8,960		1
DCBG-061009	6'	10'	9'	6' 4"	10' 2"	13'	1	8,960		1
DCBG-061012	6'	10'	12'	6' 4"	10' 2"	16'	2	8,960		1
10-Foot-Wide Booths										
DCBG-080806	8'	8'	6'	8' 4"	8' 2"	10'	1	8,960		1
DCBG-080809	8'	8'	9'	8' 4"	8' 2"	13'	1	8,960		1
DCBG-080812	8'	8'	12'	8' 4"	8' 2"	16'	2	8,960		1
DCBG-081006	8'	10'	6'	8' 4"	10' 2"	10'	1	10,240	2	
DCBG-081009	8'	10'	9'	8' 4"	10' 2"	13'	1	10,240	2	
DCBG-081012	8'	10'	12'	8' 4"	10' 2"	16'	2	10,240	2	
10-Foot-Wide Booths										
DCBG-100806	10'	8'	6'	10' 4"	8' 2"	10' 2"	2	10,240	2	
DCBG-100809	10'	8'	9'	10' 4"	8' 2"	13'	2	10,240	2	
DCBG-100812	10'	8'	12'	10' 4"	8' 2"	16'	4	10,240	2	
DCBG-101006	10'	10'	6'	10' 4"	10' 2"	10' 2"	2	14,080	1	1
DCBG-101009	10'	10'	9'	10' 4"	10' 2"	13'	2	14,080	1	1
DCBG-101012	10'	10'	12'	10' 4"	10' 2"	16'	4	14,080	1	1
12-Foot-Wide Booths										
DCBG-120806	12'	8'	6'	12' 4"	8' 10"	10'	2	14,080	1	1
DCBG-120809	12'	8'	9'	12' 4"	8' 10"	13'	2	14,080	1	1
DCBG-120812	12'	8'	12'	12' 4"	8' 10"	16'	4	14,080	1	1
DCBG-121006	12'	10'	6'	12' 4"	10' 10"	10'	2	14,080	1	1
DCBG-121009	12'	10'	9'	12' 4"	10' 10"	13'	2	14,080	1	1
DCBG-121012	12'	10'	12'	12' 4"	10' 10"	16'	4	14,080	1	1
14-Foot-Wide Booths										
DCBG-140806	14'	8'	6'	14' 4"	8' 10"	10'	2	14,080	1	1
DCBG-140809	14'	8'	9'	14' 4"	8' 10"	13'	2	14,080	1	1
DCBG-140812	14'	8'	12'	14' 4"	8' 10"	16'	4	14,080	1	1
DCBG-141006	14'	10'	6'	14' 4"	10' 10"	10'	2	17,920		2
DCBG-141009	14'	10'	9'	14' 4"	10' 10"	13'	2	17,920		2
DCBG-141012	14'	10'	12'	14' 4"	10' 10"	16'	4	17,920		2
16-Foot-Wide Booths										
DCBG-160806	16'	8'	6'	16' 4"	8' 10"	10'	2	17,920		2
DCBG-160809	16'	8'	9'	16' 4"	8' 10"	13'	2	17,920		2
DCBG-160812	16'	8'	12'	16' 4"	8' 10"	16'	4	17,920		2
DCBG-161006	16'	10'	6'	16' 4"	10' 10"	10'	2	19,200	2	1
DCBG-161009	16'	10'	9'	16' 4"	10' 10"	13'	2	19,200	2	1
DCBG-161012	16'	10'	12'	16' 4"	10' 10"	16'	4	19,200	2	1
18-Foot-Wide Booths										
DCBG-180806	18'	8'	6'	18' 4"	8' 10"	10'	3	17,920		2
DCBG-180809	18'	8'	9'	18' 4"	8' 10"	13'	3	17,920		2
DCBG-180812	18'	8'	12'	18' 4"	8' 10"	16'	6	17,920		2
DCBG-181006	18'	10'	6'	18' 4"	10' 10"	10'	3	23,040	1	2
DCBG-181009	18'	10'	9'	18' 4"	10' 10"	13'	3	23,040	1	2
DCBG-181012	18'	10'	12'	18' 4"	10' 10"	16'	6	23,040	1	2
20-Foot-Wide Booths										
DCBG-200806	20'	8'	6'	20' 4"	8' 10"	10'	4	19,200	2	1
DCBG-200809	20'	8'	9'	20' 4"	8' 10"	13'	4	19,200	2	1
DCBG-200812	20'	8'	12'	20' 4"	8' 10"	16'	8	19,200	2	1
DCBG-201006	20'	10'	6'	20' 4"	10' 10"	10'	4	23,040	1	2
DCBG-201009	20'	10'	9'	20' 4"	10' 10"	13'	4	23,040	1	2
DCBG-201012	20'	10'	12'	20' 4"	10' 10"	16'	8	23,040	1	2

*Working depth is nominal, actual working depth will vary depending on module type selected.

DUST COLLECTION MODULES

Integrated into our Sanding and Grinding Booths or sold separately, Dust Collection Modules from GFS provide a safe, effective means for containing dust produced from sanding and grinding applications. With the help of a direct-drive fan and motor, air is pulled into the module and through a cartridge filtration system. Dust is filtered, and clean air is exhausted back into the plant.

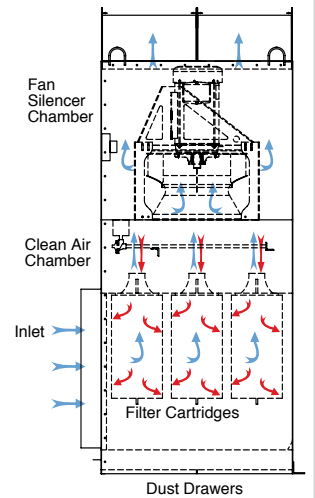


FEATURES

- Factory assembled
- High-efficiency cartridge filtration system
- MERV 13-rated redundant filters
- Heavy-duty construction
- 12-gauge painted mild steel
- Direct-drive blower and motor
- Compressed air requirements: clean filtered dry air, 6 CFM at 80 to 100 psi
- Designed to comply with applicable NFPA and OSHA standards
- Choose door type:
 - **Open louver** for dust and sanding
 - **Spark arrestor** for all grinding applications

HEPA FILTRATION

Modules can be offered with an additional HEPA filtration system. These models obtain 99.9 percent efficiency at 0.3 microns, and include a magnahelic gauge to monitor HEPA filtration performance.



OPTIONS

- Deluxe control panel
- HEPA filtration

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 Filt.	Sq. Ft. Primary Filt.	No. of HEPA Filt.	Sq. Ft. HEPA Filt.	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

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