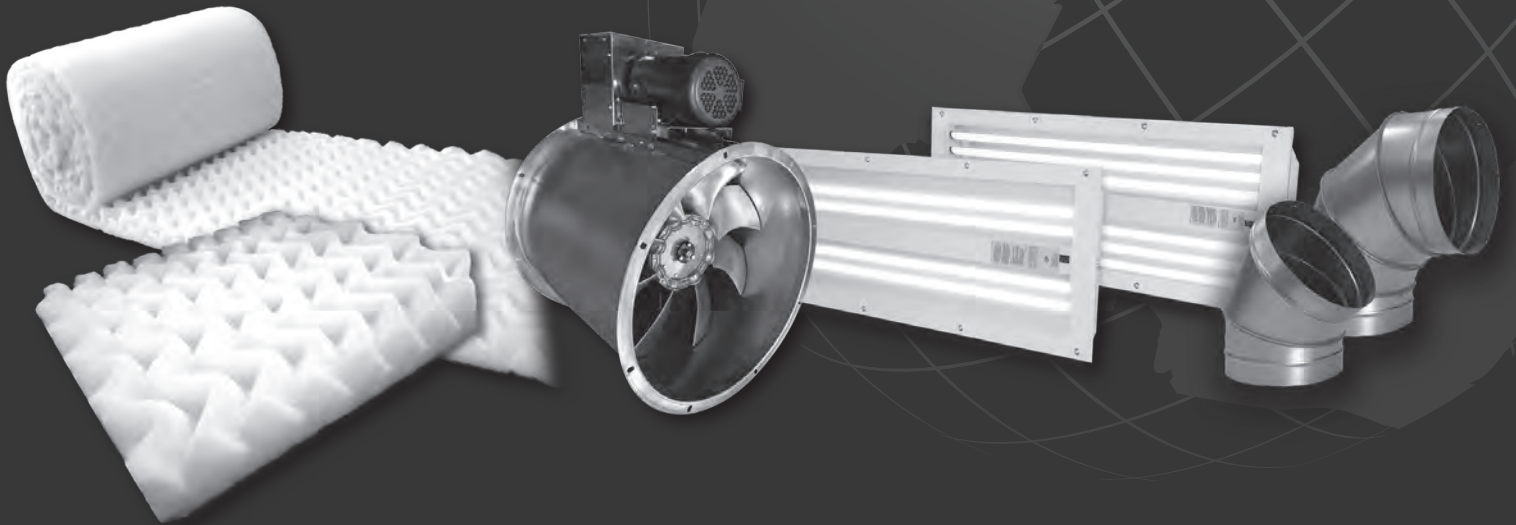




GLOBAL  
FINISHING  
SOLUTIONS

# ACCESSORIES

Paint Booth Parts & Filters



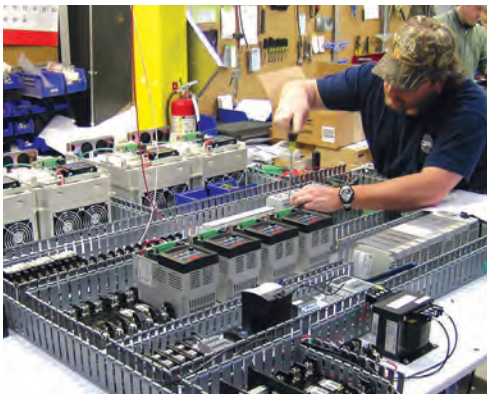
# From America's Heartland

With over 130 years of history, Global Finishing Solutions' (GFS) dates back much further than any other manufacturer of paint booth environments. Our success comes from the amalgamation of North America's most significant finishing equipment manufacturers, including Binks, Devilbiss and JBI. GFS designs and builds paint booths and finishing equipment of all sizes — from small bench booths to massive aircraft booths. A leader in the industry, GFS has completed installations of some of the most advanced aviation finishing environments in the world.



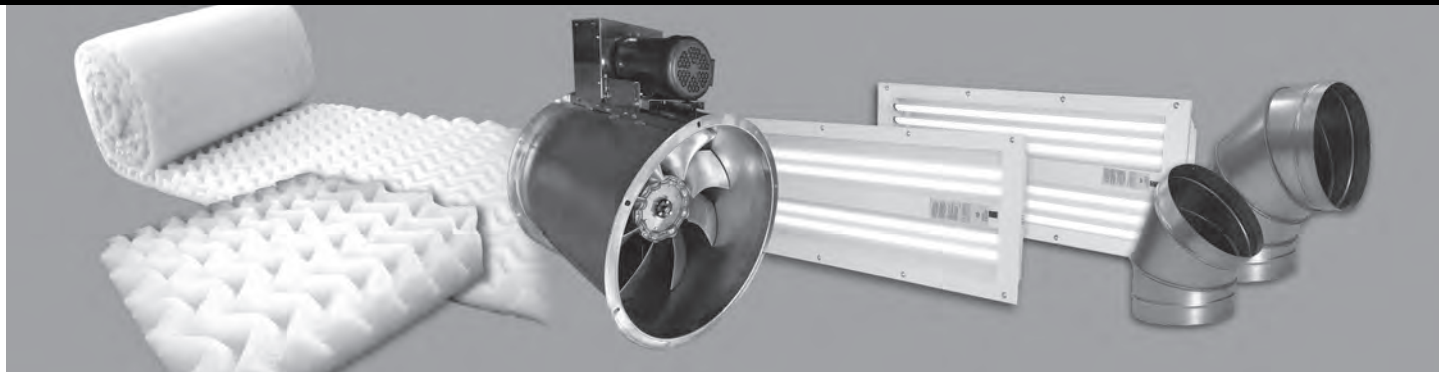
## In-House Manufacturing

All of GFS' products are fully designed and manufactured in our Osseo, Wisconsin facility. With more than 200,000 square feet of manufacturing space and state-of-the-art equipment, GFS has the capability and talent to build our equipment from scratch. Virtually every part of our product line is built in-house, including the cabins, control panels, ductwork, lights and most hinges.





# Accessories



## FULL SERVICE PARTS & FILTERS DEPARTMENT

GFS offers a full-service parts and filters department dedicated to providing top-quality replacement parts sourced from industry-leading suppliers. Many parts are kept in stock at GFS for quick turnaround and fast shipping to virtually any location across North America and the world.

GFS' quest for product quality and performance has resulted in a complete line of accessories that have been designed and manufactured for durability and long-lasting, trouble-free service.

Contact GFS if you need the following replacement parts and components:

- Booth Shield™
- Control panels
- Doors
- Ductwork
- Electrical components
- Fans
- Filters
- Filter racks
- GFS Wave® filters
- Grates and pans
- Hardware
- Insulation
- Lighting
- Miscellaneous parts
- Motors
- Oven components
- Paint booth accessories
- Replacement panels

## FEATURED PRODUCTS

### Booth Shield Strippable Coating

Booth Shield product line provides superior protection and creates a safer spraying environment. The coatings can be applied quickly and easily for instant brightening and surface protection. The film can be removed easily, without damaging the underlying substrate.

### GFS Wave

GFS Wave media is designed to efficiently capture and retain overspray with its unique "wave" surface design. The most versatile single-stage filtration media made for paint booths, GFS Wave provides exceptional paint holding capabilities and a clean exhaust air stream with its 99.85 percent particulate removal efficiency.



# Table of Contents



Filters..... 5 - 8

Doors ..... 9 - 11

Electrical .....12

Lighting ..... 13 - 14

Motors.....15

Fans..... 16 - 18

Ductwork..... 19 - 20

Controls ..... 21 - 22

Booth Accessories..... 23 - 26

Warranty .....27

# Filters

**GFS Wave®**  
Filter Media



The most versatile single-stage filtration media made for paint booths has been improved! GFS Wave® exhaust filters accommodate all coatings including waterborne and a wide array of spray applications, from clear to high solids. The unique convoluted surface creates maximum surface area and allows for exceptional depth loading. "Waves" capture and retain overspray within the media, reducing runoff.

- Exceptional paint holding capacity
- Designed to depth load
- Longer filter service life
- Minimizes particulate emissions

Removal Efficiency:  
**99.94 percent**

Holding Capacity:  
**4.4 lbs**

Part No.	Description	Qty. Box
<b>WAVE Pads</b>		
FIL-EPP-2020-W	20" x 20"	30
FIL-EPP-2025-W	20" x 25"	30

<b>WAVE Rolls</b>		
FIL-ERP-2030-W	20" x 30' roll	1
FIL-ERP-2430-W	24" x 30' roll	1
FIL-ERP-3024-W	30" x 24' roll	1
FIL-ERP-3030-W	30" x 30' roll	1
FIL-ERP-3050-W	30" x 50' roll	1
FIL-ERP-3630-W	36" x 30' roll	1
FIL-ERP-4030-W	40" x 30' roll	1
FIL-ERP-4530-W	45" x 30' roll	1
FIL-ERP-4548-W	45" x 48' roll	1
FIL-ERP-4830-W	48" x 30' roll	1
FIL-ERP-5430-W	54" x 30' roll	1
FIL-ERP-6030-W	60" x 30' roll	1
FIL-ERP-8016.5-W	80" x 16.5' roll	1
FIL-ERP-8020-W	80" x 20' roll	1



## EXHAUST FILTERS

### High-Performance Polyester Media:

Designed for high production applications. Features high capacity capture and high efficiency air pollution control. UL listed and Class 2 approved. Media is 1 in. thick and conforms to OSHA standards.



Part No.	Description	Qty. Box
217-006	20" x 20"	30
217-027	20" x 25"	25
217-041	24" x 24"	25
216-532	72" x 2" x 50' roll	1
216-538	30" x 2" x 50' roll	1
216-561	24" x 50' roll	1
216-562	48" x 50' roll	1
216-563	36" x 75' roll	1
216-564	48" x 75' roll	1
216-565	60" x 75' roll	1

**"Gold" Polyester:** Made from multi-layered, multi-density polyester. High efficiency and paint holding capacity make "Gold" the most cost-effective filter replacement media for any paint booth.



FIL-EPP-2020-G	20" x 20"	30
FIL-EPP-2025-G	20" x 25"	30
FIL-ERP-3050-G	30" x 50' roll	1
FIL-ERP-3650-G	36" x 50' roll	1
FIL-ERP-4550-G	45" x 50' roll	1
FIL-ERP-4850-G	48" x 50' roll	1
FIL-ERP-6050-G	60" x 50' roll	1

**Fiberglass Media:** Made from continuous filament glass fibers with an open weave pattern that allows particles to penetrate deep into the 2 in. thick pad and hold more paint. UL listed, Class 2 approved.

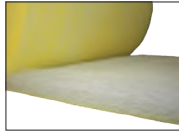


217-001	20" x 20"	100
217-002	20" x 25"	100
217-016	40" x 75' roll	1
217-017	30" x 75' roll	1
217-019	42" x 75' roll	1
217-020	24" x 75' roll	1
217-021	36" x 75' roll	1
217-022	48" x 75' roll	1
217-023	60" x 75' roll	1
217-024	72" x 75' roll	1
217-025	84" x 75' roll	1
217-029	42" x 300' roll	1
217-080	60" x 300' roll	1
217-088	48" x 300' roll	1
217-089	84" x 300' roll	1
217-095	36" x 300' roll	1
217-510	48" x 250 yds.	1

# Filters

## EXHAUST FILTERS

**Fiberglass Roll Media:** High loft filtration with progressively denser layers makes these filters softer, easier to handle and far better at holding paint particles before they escape into the environment. 22-gram/square foot. UL listed, Class 2 approved.



Part No.	Description	Qty. Box
500200	20" x 2.5" x 300 Ft Roll	1
500250	25" x 2.5" x 300 Ft Roll	1
500300	30" x 2.5" x 300 Ft Roll	1
500360	36" x 2.5" x 300 Ft Roll	1
500400	40.5" x 2.5" x 300 Ft Roll	1

## INTAKE FILTERS

**Intake Pads:** These high-efficiency filters remove more than 90 percent of particles >5 microns. Features an internal welded steel frame for easy fit with self-sealing gasket. Internal wire support and heat-sealed seams prevent media flutter. UL listed, Class 2 approved.

216-550	20" x 20" x 1" Diffusion	24
216-551	24" x 24" x 1" Diffusion	24
217-011	16" x 25" x 1" Diffusion	24
PF-1000	20" x 48"	12
PF-2000	20" X 48" Micro Clean	15

**Tacky Media:** This progressively structured, high-performance media is made from synthetic fibers, resin bonded with special adhesive. Pads feature an internal welded steel frame for easy fit with self-sealing gasket. UL listed, Class 2 approved.



217-010	16" x 20" x 1"	24
217-012	20" x 20" x 1"	24
217-012-Green	20" x 20" x 1"	24
217-013	20" x 25" x 1"	24
217-014	24" x 24" x 1"	24
216-234	55" x 96" roll	2
216-237	55" x 120" roll	2
216-528	50" x 90' roll	1
216-531	50" x 30' roll	1
217-200	20" x 48" x 2"	8

**AdvanceCure Filters:** Made of high-loft, non-woven, expanded polyester, with 99.84 percent average arrestance. Meet class 2 of the UL 900 classification. 10 filters per box.

ADV-4MW-FMI1116	10.875" x 16.25"	
FMI-ACCT0811	10.5" x 7.75" Corner module, no lights	
FMI-ACCT2671	13" x 9.5" Corner module, lights	
FMI-ACO41811	15.25" x 24.25" Corner module	
FMI-WBTA2362	17" X 7.5" x 5.25"	
FMI-AC1515	14.625" x 14.626"	
FMI-ACCT1637	15.5" x 36.625"	

## INTAKE FILTERS

**High Temperature Roll Media:** Suitable for use with systems generating higher heat during the cure cycles. Polyester fiber is bonded with a polyvinyl chloride binder. Flame retardant is added.

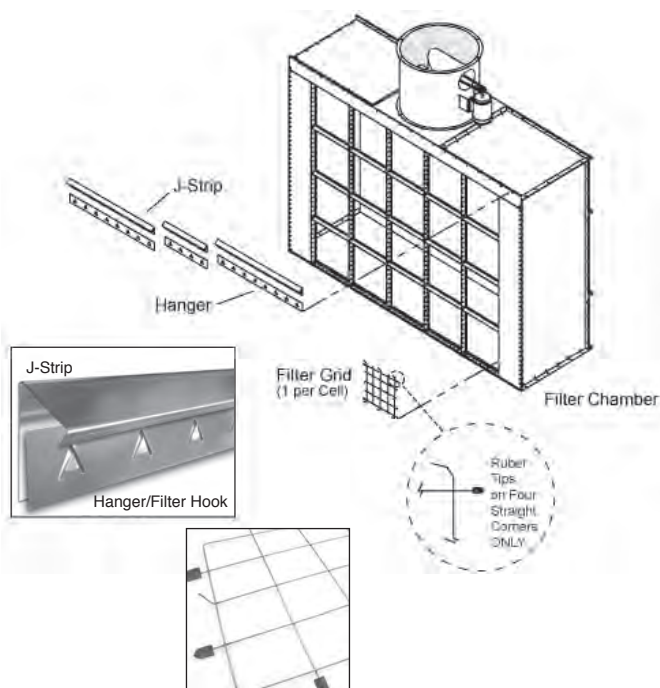


Part No.	Description	Qty. Box
FMI-CUSTOM	By sq. ft.	
FMI21036	21" x 36"	2
FMI21069	21" x 69"	2
FMI21072	21" x 72"	1
FMI21105	21" x 105"	2
FMI21141	21" x 141"	2
FMI21144	21" x 144"	2
FMI37036	37 1/2" x 36"	2
FMI37144	37 1/2" x 144"	2
FMI38062	38" x 62"	1
FMI51097	51" x 97"	1
FMI51108	51" x 108"	1
FMI51121	51" x 121"	2
FMI61120	61" x 120"	2
FMI61149	61" x 149"	2
FMI64108	64" x 108"	2
FMI64120	64" x 120"	2
FMI64144	64" x 144"	2
FMI64149	64" x 149"	2
FMI69097	69" x 97"	1
FMI69121	69" x 121"	1
FMI75030	75" x 30"	2
FMI75036	75" x 36"	2
FMI73069	73" x 69"	1
FMI73105	73" x 105"	1
FMI73141	73" x 141"	1
FMI69121	69" x 121"	1
FMI75036	75" x 36"	2
FMI75090	75" x 90"	2
FMI75120	75" x 120"	2
FMI75144	75" x 144"	2
FMI75149	75" x 149"	1
FMI78246	78 3/4" x 246"	1
FMI81036	81" x 36"	2
FMI81072	81" x 72"	1
FMI81108	81" x 108"	1
FMI81144	81" x 144"	1

# Filters

## FILTER COMPONENTS

Part No.	Description
217-003	20" x 20" Filter Grid, tips not included
217-004	20" x 25" Filter Grid, tips not included
248-016	Rubber Tips for Filter Grids
FHG8-0480	Filter Hook, 48" Sections
JSG8-0480	J-Strip, 48" Sections



## PAINT ARRESTOR - PAPER

**Paper Mesh:** These mesh filters are comprised of numerous layers of UL listed, Class 2 approved kraft media.



Part No.	Description	Qty. Box
216-088	20" x 20" x 1"	60
216-089	20" x 25" x 1"	70
216-095	42" x 2" x 30'	1
216-560	42" x 30'	1

**Paper Mesh Polyester Backing:** Highly efficient and known for their high paint holding capacity. Constructed of seven-layer expanded paper with white polyester backing.



EF-2020-K40	20" x 20" x 2"	40
EF-2025-K40	20" x 25" Pad	40
EF-3125-K2	31" x 25' roll	2
EF-4253-K1	42" x 53' roll	1

## PAINT ARRESTOR - PAPER

**Pleated Cardboard:** This unique collapsible pleated filter with round holes captures paint particles outside the air stream in the holding pockets.

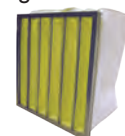


Part No.	Description	Qty. Box
PEF-330-K1	3' x 30'	(1/3/60 per box)

## POWDER & DUST FILTERS

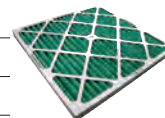
**Bag Filters:** Pocketed filters with individual pocket edges and internal dividing bars that are heat sealed for no stitch holes. Exceptionally high dust holding capacity provides long life.

216-504	20" x 20" x 15", 2 Pocket	1
216-505	20" x 20" x 12", 6 Pocket	1



**Pad Filters:** Medium efficiency, pleated panel filters. Contain up to 16 pleats per linear foot. Radial pleat construction allows minimum pressure. Constructed of non-woven cotton/synthetic blend media. Available in UL listed, Class 2 or 1, in 4 in., 2 in. and 1 in. depths.

216-003	20" x 20" x 4"	6
216-011	20" x 20" x 2"	1
216-013	20" x 25" x 2"	1



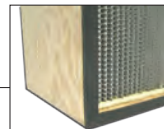
**Cartridge:** For powder recovery booths and safe air dust collection systems.

216-202	26" x 12 3/4"	1
216-203	26" x 12 3/4"	1
216-204	26" x 12 3/4"	1
216-208	52" x 12 3/4"	1

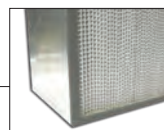


## OVEN PANEL FILTERS

Part No.	Description
217-516	24" x 24" x 12", Wood Frame



217-518	24" x 24" x 12", Metal Frame
---------	------------------------------



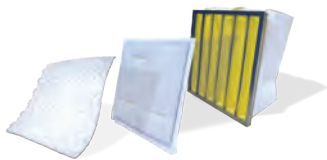


# Filters

## THREE-STAGE FILTRATION

The three-stage filtration system is designed for the collection of aerospace primers and similar coatings that contain chromates, exceeding NESHAP requirements as tested by Method 319. Additionally, this system is proven effective for use in spray-to-waste powder coating applications and dust collection systems where cylindrical cartridges may not be suitable.

GFS' Stage first stage (CPA, Wave) enhance the system's performance over the widest range of applications, while our second stage filters (MEPT) provide optimum protection for the third stage final filter.



### Stage 1 - Roll Media

#### Wave - Roll Media

Part No.	Description	Qty. Box
FIL-ERP-3630-W	36" x 30'	1
FIL-ERP-4530-W	45" x 30'	1
FIL-ERP-4830-W	48" x 30'	1
FIL-ERP-5430-W	54" x 30'	1
FIL-ERP-4548-W	45" x 48'	1
FIL-ERP-3050-W	30" x 50'	1

#### CPA - Paint Arrestor Roll Media

216-502	36" x 50'	1
216-503	45" x 50'	1
216-512	50" x 50'	1
216-532	72" x 50'	1
216-539	45" x 75'	1
216-535	72" x 75'	1
216-541	102" x 75'	1
216-543	102" x 50'	1
216-547	54" x 75'	1
216-564	48" x 75'	1
216-565	60" x 75'	1

Minimum order quantity may be required

### Stage 2 - MEPT Panel Filter

216-501	20" x 20"	24
216-517	24" x 24"	24

### Stage 3 - Pocket/Bag Filter

216-500	20" x 20" x 15", 2 Pocket	1
216-505	20" x 20" x 12", 6 Pocket	1
216-516	24" x 24" x 12", 6 Pocket	1

## MULTI-FUNCTIONAL

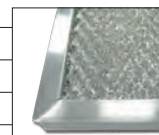
### Exhaust Pit and/or AMU

33033	24" x 24" x 2"	4
405213	23 1/4" x 47" x 9", 6 Pocket	4
405214	23 1/2" x 47" Framed 5 Pocket	4
405216	19 1/4" x 37" x 4" High Capacity	4
405217	19 3/4" x 37" x 4" High Capacity	4
405219	19 1/2" x 36 3/4", 6 Pocket.	4
FMP2336	23 1/2" x 35 5/8", 4 Pocket	4



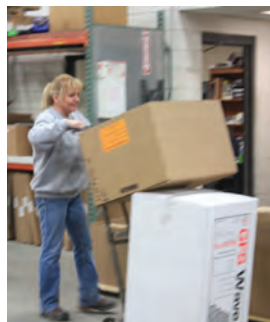
### Cleanable Aluminized

216-120	24" x 24" x 2"	1
216-121	20" x 20" x 1"	1
216-122	16" x 25" x 1"	1
216-124	20" x 25" x 1"	1
216-125	20" x 20" x 2"	1
216-126	16" x 25" x 2"	1
216-128	20" x 25" x 2"	1
216-129	12" x 12" x 1"	1



### Panel Filters

AR-9027-K12	16" x 20"	12
FS-2072-K6	20" x 72" (Burner Filter)	6
PF-500-K6	20" x 25" x 10", Secondary	6
PF-879-K2	25" x 75"	2





# Doors

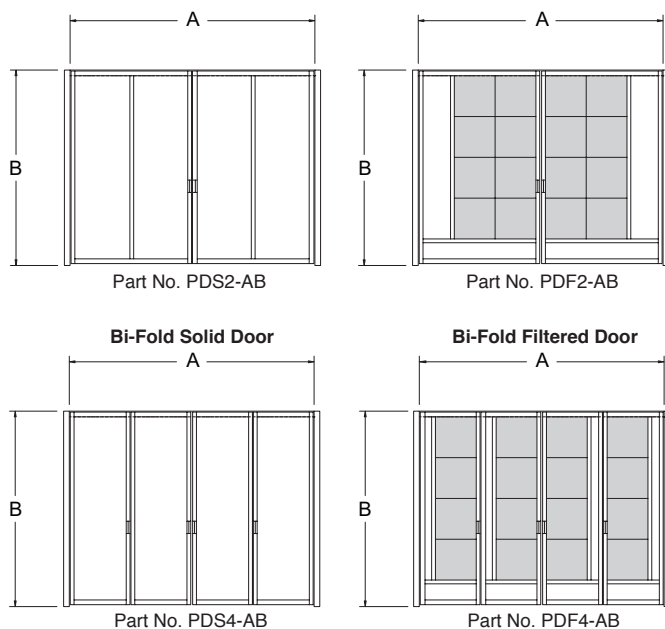
## PRODUCT ENTRANCE DOORS

GFS doors are constructed of factory painted sheet metal on an internal frame. We supply doors for both auto/truck refinish and all our industrial paint booths. We also provide replacement doors for any of our legacy booths from Binks, Blu-Surf, DeVilbiss, JBI and Milbanks.

### Industrial Doors



GFS' industrial product doors are constructed with tubular steel frames and structural steel door jambs. Solid doors are covered with a single-skin, 18-gauge steel sheet on the inside face. Filter doors have 18-gauge filter frames for holding filters. Doors include door handles, magnetic closures, foam tape and filters (if applicable). Doors are painted gray or white.



### Product Entrance Doors

	Face Mount	Flange Mount	Width	Height	Galvanized	Precoat White
Solid Swing	IPDS	IPDS2	A	B	G	W
Solid Bi-Fold	N/A	IPDS4				
Filtered Swing	IPDF	IPDF2				
Filtered Bi-Fold	N/A	IPDF4				

#### Notes:

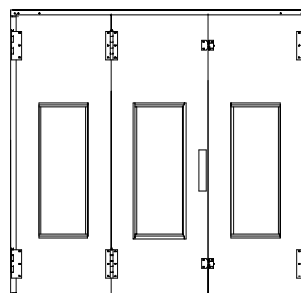
- Indicate Width (A) and Height (B) when ordering.
- Tri-Fold/Multi-Wing Doors are also available, please contact GFS.

### Refinish Doors

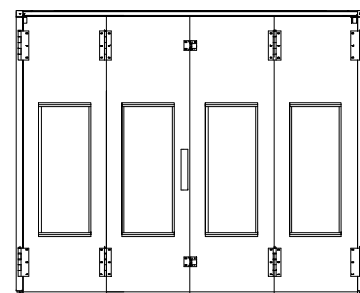


White pre-coated product doors with observation windows on all door wings. Select from three- or four-wing door options. Larger truck refinish booths may have the option for five or six wings, with or without observation windows.

#### Three-Wing Entrance Door



#### Four-Wing Entrance Door



### Product Entrance Doors

Part No.	Description
FFC234	Frame crate 2 slab - filtered door
FFC333	3 slab solid door used with a Yoke
FFC344	3-wing frontal
FFC401	Frame crate 4-wing frontal
FRC212	Frontal crate - filtered door
FRC332	Frontal crate 3 slabs no side panels
FRC411	Frontal crate 4 slabs, with two 18" side panels
FRC41109	4-Wing frontal 4 slabs, no side panels

# Doors

## INDUSTRIAL PERSONNEL DOORS

These universal doors can be located on either side of booth, and installed for either right- or left-hand swing. Observation windows and pre-coated white are optional. Installation kit included.



Part No.	Description
MDUG-36084	36" w x 84" h, galvanized
MDUG-36084-OSQ	36" w x 84" h, with observation window, galvanized
MDUW-36084	36" w x 84" h, pre-coat white
MDUW-36084-OSQ	36" w x 84" h, with observation window, pre-coat white
MDU-S-MISC	Door installation kit, required per installation

**Personnel Door Kit** includes tempered glass, weather stripping, window frame, window template and instructions.

Part No.	Description
WK-1824-MANDOOR	18" x 24", galvanized
WK-1824-MANDOOR-WH	18" x 24", pre-coat white

**Observation Window Kit** for panels includes tempered glass and weather stripping.

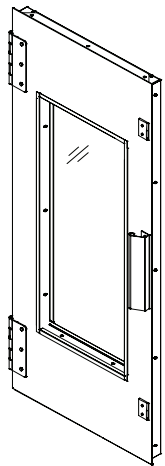
WK-1824	18" x 24"
WK-1848	18" x 48"

**Tempered Glass** for observation window

230-001	18" x 24"
230-195	24" x 48"

## REFINISH PERSONNEL DOORS

Constructed of white pre-coated, galvanized steel, and with an internal frame of sturdy, galvanized plate profiles. The dual-skin, side-access doors include an observation window.



Part No.	Description
DP37A	Personnel access door 7'
DP38A	Personnel access door External 3' w x 7'-8" h, for booths with PLP floor profile
DP38C	Personnel access door External 3' w x 7'-8" h, for booths w/o PLP floor profile
DH101	Hardware kit for Refinish Doors
WKS-1000-I	Single-skin observation window kit 14.5" X 45.5"

## HARDWARE

GFS uses only top-quality hardware. Our weld-free designs mean no weak points and no corrosion. GFS hinges, latches and hardware are all fully adjustable so you get the perfect fit, every time.

Part No.	Description	Part No.	Description
<b>Door Hinges</b>		<b>Door Latches</b>	
208-242	Strap, 16" long, Zinc Flush	208-037	BRIXON #83P Cast Steel
208-033	Steel 1.75" wide x 8" long, Butt	208-094	BRIXON #2P Cast Iron
208-411	Burn-Off Oven, 11" long	LTC235	Door Clicker (Each)
208-029	4" x 10" x .125" Steel Butt Style	STR1535	Striker Plate Long
208-030	2.5" x 10" x .125" Half Swaged	STR735	Striker Plate Short
208-119	2.5" x 4" x .125" Partly Swaged	208-085	Lever Latch with Pins & Clips
DHA04110-A	Automotive, Assy Open	HLB-100	BRIXON Latch Kit (older)
DHA05111-A	Automotive, Assy Closed	<b>Door Pulls</b>	
KHDC-2000	Automotive, Hinge Kit Center Door, Blowtherm (System 2000)	208-252	Handle 5" O/A Zinc
KHDS-2000	Automotive Door Hinge Kit Blowtherm (System 2000)	DH0215	Door Handle Metal
LMA-01109	Locking Mechanism Kit, Less Rods	DH2555	Door Handle Fiberglass
		208-040	Door Pull, Standard Zinc
		208-406	Door Pull (Batch Process Oven)

# Doors

## DOOR SEALS

Part No.	Description
248-003	.50 x .25 Closed Cell Seal Tape 
248-004	.50 x .50 Closed Cell Seal Tape 
248-007	3/16" x 5/8" W, 30' Roll Butyl Tape 
248-011	.125 x 3.0 W Rubber Strip 
248-012	.125 x 4.0 W Rubber Strip 
248-013	.125 x 5.0 W Rubber Strip 
248-014	.125 x 6.0 W Rubber Strip 
248-021	.125 x 8.0 W Rubber Strip 
248-023	.125 x 10.0 W Rubber Strip 
248-082	P Seal - EPDM Seal Tape JBI & GFS Industrial Booths 
248-087	1/4" x 3/4" Wide Open Cell Tape Adhesive 

Part No.	Description
248-089	1/8" Thick x 5" W Silicone Rubber 
29-1480	12' L x 3" W x 1/8" Door Wiper Seal - Binks 
29-1481	8' L x 2" x 11/16" Bi-Fold Seal Binks 
29-1482	9' L x 2" x 1 1/4" "T" Seal Binks 
29-1484	30' Length - Binks "U" Seal 
KDS	Seal Kit Bi-/Tri-Fold (2) SS-00748, (3) SS-00749, (1) SS-9688, (1) SS-9874 

Part No.	Description
SS-00748	15' X 7" x 1/8" Black Rubber S.S. Booths 
SS-00749	12-1/2' x 3/4" x 1-1/2" Foam Tape - S.S. Booths Grey 
SS-00777	.5 X .5 X 25' Roll (LT FXT) Foam Tape 
SS-9688	V Seal 108" Long w/ Retainer Strip Tall side: 15/8" Short side: 1 3/8" (tape side) 
SS-9874	34' x 1/4" x 3/8" Black Foam Tape Single skin booths 
248-035	Tadpole Gasket, .50 Bulb, 1.0" Tail 

Part No.	Description
----------	-------------

### Single Skin Booths

*Flexbuilt, Semi-Downdraft, Concept II, Concept II Cure, Concept Booths, Old SVS series, Crossdrafts, Drive Thru's*

#### 1960 - 1990s




Solid Back Booths	(3) SS-00748, (3) SS-00749, (1) SS-9874
Drive-Thru Booths	(6) SS-00748, (6) SS-00749, (1) SS-9874

#### 1990s - Present

Solid Back Booths	(2) SS-00748, (3) SS-00749, (1) SS-9688, (1) SS-9874 (Same as KDS kit)
Drive-Thru Booths	(4) SS-00748, (6) SS-00749, (1) SS-9688, (1) SS-9874

### Insulated Booths

For use on booth panels approximately 2 in. thick. Constructed of two sheets of metal with insulation in between.

39056		3/4" x 3/4" Black rubber hollow strip, frontal and access doors, Blowtherm /Concept Cure
R8550		3/4" x 3/4" Black rubber hollow strip, frontal and access doors. GFS Booths
DGK-2000		3/4" x 3/4" x 25' Black foam tape. Contains 4 rolls to re-foam a 3 door frontal and 1 access door. Older DeVilbiss, System 2000's, Expert Performer & Professional



# Electrical Components

Part No. Description

## START/STOP



**127-221 Explosion Proof**  
Heavy-duty, front-operated start/stop button can be mounted directly on booth. Use with motor starters.



**127-219 General Purpose**  
NEMA Type 1 start/stop with N.O.-N.C. contacts. Must be mounted in non-hazardous locations. Use with motor starters.



**650-003 Pneumatic**  
This system activates a pneumatic-electric interface start/stop switch that turns the exhaust fan on/off. A non-sparking, pneumatic switch is located inside the spray booth, allowing the operator to enter and leave the booth with the exhaust fan turned off. This prevents dirty, unfiltered air from entering the paint area.

## LIGHT SWITCHES



**650-001 Explosion Proof**  
Front-operated on/off switch used in hazardous locations. One pole will handle 1400W-AC. Use with lights.



**650-002 General Purpose**  
On/off switch used in non-hazardous locations. Will handle 1400W- AC. Use with lights.

## LIMIT SWITCHES

Electronically operated light switches shut down the painting operations when booth doors are opened. Time delay relay allows access to the booth without stopping operations. Interior shutdown switch stops painting operations from inside.



**242-012**  
CL 1, Div. 1  
Explosion Proof  
Switch



**242-014A**  
CL 1, Div.  
2 Standard Switch

## AIR PROVING SWITCH



**242-004** Automatic pressure switch measures air pressure at the exhaust chamber.  
Recommended for use with Safety Air Valve.

Part No. Description

## 3-WAY SAFETY AIR VALVE



**242-124 3/4" Ports**  
Three-port, two-position air valve prevents spraying with air-assist systems when booth exhaust is off. Compressed air between valve and spray equipment is vented out when exhaust is shut off. 120 Volt coil.



**242-019 1/2" Ports**  
Three-port, two-position air valve prevents spraying with air-assist systems when booth exhaust is off. Compressed air between valve and spray equipment is vented out when exhaust is shut off. 120 Volt coil.



**242-028** For LOGIC controls - Automotive



**36267** Economy Spray Gun interlock - Automotive

## SAFETY SHUT-DOWN

System automatically turns off compressed air to the spray gun when paint accumulation in the exhaust filters reaches a pre-set load point that prevents proper airflow through the booth. Complies with fire, health and insurance code requirements.



**600-003 Standard System**

**600-004 Standard System w/Audible Alarm**

**600-005 Explosion Proof System**



**600-035 Gun Hanger**  
Automatically starts up ventilation when the spray gun is lifted from the hanger, and shuts down the exhaust system when the spray gun is returned to the hanger. Explosion proof. Class 1, Division 1.

## BOOTH GAUGES



**242-001 Manometer/Draft Gauge**  
Indicates when paint arrestors or air intake filters have become sufficiently loaded and need replacement. Meets code compliance. Included with all exhaust chambers and booths.



**GA-9706 Magnahelic Gauge - Automotive**  
Indicates when the booth cabin is balanced and ready for spraying. Gauge must be calibrated prior to use.

# Lighting



## GFS MANUFACTURED LIGHTING

### Inside-Access - T8 Light Fixtures

Part No.	Tube	Length	Lamp Size/Volt/Watt
LABW12-4	4	4'	T8 / 120-277V / 32W
LABW12-6	6	4'	T8 / 120-277V / 32W
LAR12-4	4	4'	T8 / 120-277V / 32W For Dual-Skin Panels
LAR12-6	6	4'	T8 / 120-277V / 32W For Dual-Skin Panels
LAB12-3-36	3	3'	T8 / 120V / 32W For AdvanceCure® Units
LABW12-4-LAM	4	4'	T8 / 120-277V / 32W Blast Booths ONLY
LABW12-6-LAM	6	4'	T8 / 120-277V / 32W Blast Booths ONLY
LABW12-4-LED	4	4'	T8 / 120-277V / 32W LED tubes included
LABW12-6-LED	6	4'	T8 / 120-277V / 32W LED tubes included

### Inside-Access - T5 Light Fixtures

LABW-I4T5-D12	4	4'	T5 / 120-277V / 54W
LABW-I6T5-D12	6	4'	T5 / 120-277V / 54W

- High output, energy efficient
- Recommended for booths with high ceilings and areas working with high temperatures.



### Corner Light Fixtures

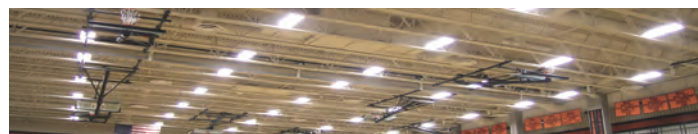
Part No.	Tube	Length	Lamp Size/Volt/Watt
LAC12-4	4	4'	T8 / 120-277V / 32W
LAC12-6	6	4'	T8 / 120-277V / 32W

### Class II, Division 2 Light Fixtures

Part No.	Tube	Length	Lamp Size/Volt/Watt
LAB12-4-C2D2	4	4'	T8 / 120-277V / 32W
LAB12-6-C2D2	6	4'	T8 / 120-277V / 32W



Light fixtures designed for locations where accumulation of dust may interfere with heat dissipation from electrical equipment or where accumulations near electrical equipment may be ignited.



### High Bay/General Purpose Light Fixtures

Part No.	Tube	Length	Lamp Size/Volt/Watt
LFG-1749-6	6	4'	T8 / 120-277V / 32W
LFG-1749-6-T5	6	4'	T5 / 120-277V / 54W

Ideal light fixture for gymnasiums, warehouses and retail

- High output, energy efficient
- Environmentally responsible when using low mercury tube
- Choose from standard or deep well reflector
- Programmed electronic ballast are available



### High Bay/General Purpose Accessories

Part No.	Description	
LFGA-PC120-10-KIT	120V, 10' power cable	Additional lengths are available
LFGA-PC277-10-KIT	277V, 10' power cable	
LFGA-SC-10	10' suspension cable	
LFGA-VH	V-Hanger bracket	
LFGA-WG1648	16.5" x 48" wire guard	
LFGR-003	Standard Reflector - "Wide" light distribution	
LFGR-007	Deep Well Reflector - "Narrow" light distribution	

# Lighting

## FLUORESCENT LIGHTING

### Inside-Access Light Fixtures

Part No.	Tube	Length	Lamp Size/Volt/Watt
230-306	2	4'	T8 / 120V / 32W
230-501	4	4'	T8 / 120-277V / 32W
230-400	2	3'	T8 / 120V / 25W
230-405	4	3'	T8 / 120V / 25W

### Rear-Access Light Fixtures

Part No.	Tube	Length	Lamp Size/Volt/Watt
230-551	4	4'	120V/32W

## LIGHT BOOSTING REFLECTOR

Increase the luminosity of your paint booth by 20 percent with this simple upgrade. Light reflectors can be easily installed behind the tubes of your light fixture.

Achieve the same level of luminosity with fewer bulbs, saving energy and maintenance costs.



Part No.	Description
LR-48-4	Light reflector for LABW12-4 and LAB12-4 fixtures
LR-48-6	Light reflector for LABW12-6 and LAB12-6 fixtures

## EXPLOSION-PROOF LIGHTING

Explosion-proof lighting is recommended for hazardous locations, such as spray booths, marines/shipyards, chemical manufacturers, oil drilling rigs and gas processing plants.

- Factory sealed, cased aluminum with white finish reflector
- UL listed:
  - For use in paint booths
  - UL 844 for hazardous locations
  - UL 595 for outdoor, marine-type lighting (salt water)
- Class I, Division 1, Groups C & D; Class I, Division 2, Groups A, B, C & D; Class II, Division 2, Groups E, F & G
- Meets requirements for NFPA 33 and NEC Article 516



Part No.	Tube	Length	Lamp Size/Watt
230-163	4	4'	T8 /120-277V/60W
230-166	2	4'	T8 /120-277V/60W

3-tube fixtures also available, call GFS for details

## REPLACEMENT TUBES/BULBS

### Fluorescent Tubes

Part No.	Length	Replacement for:
230-281	4'	T8 fixtures, 32W
230-285	4'	T5 fixtures, 54W
230-271	3'	LAB12 fixtures, 32W
230-281	4'	General purpose fixture



### LED Upgrade Tubes

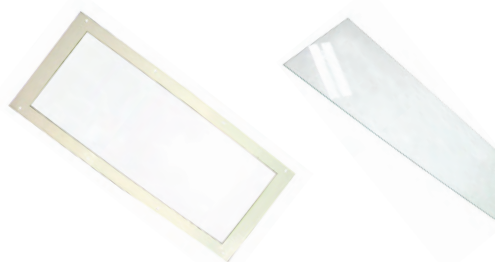
230-286A LED T8 Lamp

Upgrade to LED easily without having to change the fixture. LED lamps are compatible with Global Finishing Solutions' linear light fixtures.



## REPLACEMENT GLASS

Part No.	Replacement for
GF-4	Standard four-tube light fixtures
GF-6	Standard six-tube light fixtures
GL-9704	Tempered glass for standard fixtures





# Motors

All AC, polyphase induction motors are mounted on standard NEMA frame bases, and are available in totally enclosed, fan-cooled and explosion-proof types. All motors feature ball-bearing construction, heavy-duty, corrosion-resistant housings, and bearing brackets.

Rotors and shafts are dynamically balanced to assure smooth, vibration-free operation. Inner races are locked to shaft outer races to end bracket, reducing endplay and maintaining alignment for V-belt drives. Windings are designed for long dependable life under adverse operating conditions. Integral rotor fans in enclosed types direct cooling air over windings, reducing noise and prolonging motor life. Conduit boxes have ample hand room for easy accessibility and quick connection of leads.

All motors conform to state and local fire and safety regulations, and may be mounted in either a vertical or a horizontal position. Motors are rated for exhaust fan units (at 1750 RPM). Various RPM motors are also available. Motors as listed comply with the new EPACT Regulation for Maximum High Performance and Efficiency.



## TOTALLY ENCLOSED, FAN COOLED (TEFC Motor)

GFS guarantees quality performance by providing the best components. For that reason, totally enclosed, fan-cooled motors are standard in all our products. TEFC motors are superior to open-drip type motors, and are UL approved.



## EXPLOSION-PROOF

Designed for hazardous locations. UL approved for Class I, Group D; Class 2, Groups F & G. UL-approved conduit box standard. Feature corrosion-resistant epoxy finish.

### Standard Electric Motors

HP	Single Phase	Volt	Three Phase	Volt
1/3	MT003-DV1-0056	Dual	MT003-573-0056	575
			MT003-TV3-0056	Tri
1/2	MT005-DV1-0056	Dual	MT005-573-0056	575
			MT005-TV3-0056	Tri
3/4	MT007-DV1-0056	Dual	MT007-573-0056	575
			MT007-TV3-0056	Tri
			MT010-573-0056	575
1	MT010-DV1-0056	Dual	MT010-TV3-0056	Tri
			MT010-TV3-143T	Tri
2	MT020-DV1-145T	Dual	MT020-TV3-145T	Tri
			MT020-573-145T	575
3	MT030-DV1-184T	Dual	MT030-573-182T	575
			MT030-TV3-182T	Tri
5	MT050-231-184T	230	MT050-573-184T	575
			MT050-TV3-184T	Tri
			MT075-203-213T	200
7 1/2	MT075-231-215T	230	MT075-573-213T	575
			MT075-TV3-213T	Tri
			MT100-203-215T	200
10	---		MT100-573-215T	575
			MT100-TV3-215T	Tri

### Explosion-proof Motors

HP	Single Phase	Volt	Three Phase	Volt
1/3	MX003-TV1-0056	Tri	MX003-TV3-0056	Tri
			MX003-573-0056	575
1/2	MX005-DV1-0056	Dual	MX005-573-0056	575
			MX005-TV3-0056	Tri
3/4	MX007-DV1-0056	Dual	MX007-573-0056	575
			MX007-TV3-0056	Tri
1	MX010-DV1-0056	Dual	MX010-573-0056	575
			MX010-TV3-0056	Tri
2	MX020-DV1-182T	Dual	MX020-573-145T	575
			MX020-TV3-145T	Tri
3	---		MX030-573-182T	575
			MX030-TV3-182T	Tri
5	---		MX050-573-184T	575
			MX050-DV3-184T	Dual
7 1/2	---		MX075-573-213T	575
			MX075-TV3-213T	Tri
10	---		MX100-573-215T	575
			MX100-DV3-215T	Dual

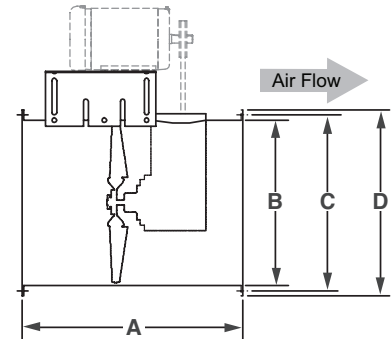
# Fans

## TUBE AXIAL EXHAUST FANS - GFA MODELS

GFS' tube axial fans feature a continuously welded housing for an airtight seal. The propellers are made of non-sparking cast aluminum for consistent air velocity at higher static pressures. The universal motor plates allow adjustable belt tensioning. The bearings are self-aligning, of premium air handling quality, and with an L10 life of 40,000 hours. The belt guard provides protection from the rotating pulley (OSHA requirement). Fans have been designed per AMCA 210 standards.



Model	A Ring to Ring	B Inside Dim.	C Mounting Bolt	D Outside Dim.
GFA-18	24"	18"	19 1/4"	20 1/2"
GFA-24	24"	24"	25 1/2"	26 7/8"
GFA-30	30"	30"	31 3/4"	33"
GFA-34	30"	34"	35 3/4"	37"
GFA-40	30"	40"	41 3/4"	43"



Note: Sound level data given in the fan chart was obtained under laboratory conditions. It is not likely that these results will permit determination of sound power in all site conditions.

Data published in this chart may be used for the following purposes:

- Comparison of fans that are similar in type and size.
- Scaling down fan noise from one size and speed to another size and speed.

Depending on the application, configuration of the apr duct, attention characteristics of material used, and acoustical condition, etc., the reduction in dB will vary.

Model No.

(Less Motor) HP RPM Free Air 0.25" 0.375" 0.5" 0.75" 1.0" 1.25" dBA

### 18" Tube Axial Fan

GFA-18VP-003	1/3	1228-1332	2610-2831	1304-1608	--	--	--	--	--	72 - 74
GFA-18VP-005	1/2	1437-1541	3054-3275	1940-2282	1430-1703	--	--	--	--	76 - 78
GFA-18VP-007	3/4	1437-1854	3054-3941	1940-3326	1430-2686	1618*-2187	--	--	--	76 - 82
GFA-18VP-010	1	1593-2116	3386-4498	2461-4081	1857-3570	1748*-3021	1700*-2231	--	--	78 - 85
GFA-18VP-020	2	2116-2638	4498-5607	4081-5273	3570-5106	3021-4754	2231-3851	2833*-3140	--	85 - 90

### 24" Tube Axial Fan

GFA-24VP-010	1	1437-1541	5691-6102	5142-5610	4796-5288	4353-4966	3866*	--	--	82 - 84
GFA-24VP-020	2	1593-2011	6308-7964	5842-7669	5531-7422	5334-7175	4225-6681	4621*-6019	4294*-5141	85 - 90
GFA-24VP-030	3	1802-2220	7136-8791	6763-8550	6487-8340	6212-8116	5601-7669	4621-7221	4294*-6545	88 - 93

### 30" Tube Axial Fan

GFA-30VP-020	2	610-835	7618-10582	5571-9363	4150-8596	5427*-7579	--	--	--	77 - 84
GFA-30VP-030	3	700-926	8804-11760	7217-10828	5979-10078	5427*-9377	6959*	--	--	80 - 86
GFA-30VP-050	5	971-1197	12379-15357	11469-14617	10810-14211	10131-13725	8322-12615	7898*-11349	8345*-9377	87 - 92

### 34" Tube Axial Fan

GFA-34VP-020	2	915-1108	11978-14504	10164-13265	8740-12232	9851*-11063	--	--	--	84 - 87
GFA-34VP-030	3	979-1236	12816-16180	11248-15069	9943-14392	9851*-13373	11076*	--	--	86 - 92
GFA-34VP-050	5	1108-1429	14504-18706	13265-17746	12232-17265	11063-16649	11076*-14878	12835*	--	89 - 95

### 40" Tube Axial Fan

GFA-40VP-050	5	915-1140	21163-26367	18374-24197	16364-23032	13626-21693	15746*-17392	--	--	87 - 93
GFA-40VP-075	7 1/2	937-1242	21672-28726	18974-26734	17189-25738	14424-24553	1665*-21157	--	--	88 - 95

*Premium efficient replacement motors, may vary in physical size from Standard efficient motors.*

dBA is only an estimate of sound pressure at 5 ft.

\* - This represents the lowest possible CFM at a particular static pressure due to instability of the fan curve.

The drive sheave cannot be set below a certain RPM for the ratings.

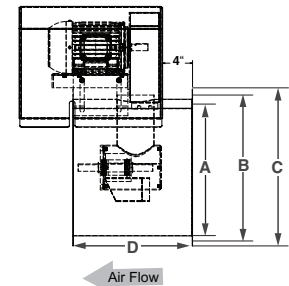
# Fans

## TUBE AXIAL EXHAUST FANS - ATA MODELS

The ideal choice for installations with straight-through airflow in ducted or non-ducted systems. These tube axial fans are designed for commercial and industrial applications where low to medium air volumes are required at lower pressures. Units are pre-assembled at the factory, and include variable-pitch motor sheaves for maximum operating efficiency and on-site adjustment.



Model	A Inside Dim.	B Mounting Bolt	C Outside Dim.	D Ring to Ring
ATA-12	12.25	13.50	14.88	18.00
ATA-18	18.25	19.50	21.00	18.00
ATA-24	24.25	25.50	27.13	19.50
ATA-30	30.38	32.00	33.25	22.00
ATA-36	36.38	38.00	39.38	22.00
ATA-42	42.50	44.00	45.50	22.00
ATA-48	48.50	50.00	51.50	24.00



Performance shown is for installation type B: free inlet, ducted outlet. Power rating (BHP) does not include drive losses. Performance ratings do not include the effects of appurtenances in the airstream. This product is certified to bear the AMCA seal for air performance.

\* Sound pressure range listed is A-weighted at a distance of 5 feet from the fan with a directivity factor of Q=2 (hemispherical radiation) and has been tested per AMCA standard 303. The range covers the minimum and maximum air performance points shown. Lowest sound pressure level is for the lowest airflow rate (CFM) at the lowest static pressure (SP). Highest sound pressure level is for the highest airflow rate (CFM) at the highest static pressure (SP).

Model #	HP	Fan Speed Range		Static Pressure Rating (in. w.c.)									dBA 5ft, Q=2
		Min	Max	Free Air	0.25	0.375	0.5	0.75	1	1.25	1.5		
				Volumetric Flow Range (ft3 / min)									
12" Tube Axial													
ATA-12-007	w 3/4	2043	3016	1355 - 1985	1180 - 1885	1075 - 1830	950 - 1770	960 - 1630	1145* - 1460	1085* - 1245	-	65-76	
18" Tube Axial													
ATA-18-005	1/2	1112	1641	2530 - 3740	1835 - 3325	1715 - 3090	2085 - 2800	-	-	-	-	58-68	
ATA-18-007	3/4	1260	1860	2875 - 4241	2290 - 3890	1900 - 3685	2135 - 3460	2505* - 2965	-	-	-	61-72	
ATA-18-010	1	1600	2100	3630 - 4780	3225 - 4480	2974 - 4311	2690 - 4130	2600* - 3730	3260*	-	-	67-73	
ATA-18-020	2	2015	2545	4585 - 9800	4270 - 5550	4090 - 5420	3900 - 5280	3480 - 4985	2930 - 4660	3650* - 4300	3895*	72-79	
24" Tube Axial													
ATA-24-020	2	1182	1561	6590 - 8725	5630 - 8040	5035 - 7645	4280 - 7215	5270* - 6250	-	-	-	66 -75	
ATA-24-030	3	1543	1971	8650 - 11040	7930 - 10495	7525 - 10205	7085 - 9900	6095 - 9240	6035* - 8525	6905* - 7700	-	72-80	
30" Tube Axial													
ATA-30-030	3	1077	1413	10925 - 14360	9650 - 13430	8860 - 12910	7960 - 12340	7800* - 11080	8400* - 9500	-	-	70-84	
ATA-30-050	5	1358	1672	13800 - 17005	12830 - 16235	12270 - 15810	11670 - 15365	10320 - 14400	8500 - 13340	10000* - 12115	10580*	75-88	
36" Tube Axial													
ATA-36-050	5	1116	1370	18160 - 22320	16495 - 21000	15500 - 20260	14430 - 19470	11890 - 17740	12700* - 15790	13460*	-	72-81	
ATA-36-075	7 1/2	1228	1541	19995 - 25120	18500 - 23960	17650 - 23320	16710 - 22650	14660 - 21200	12110 - 19625	14525* - 17875	15810*	77-83	
42" Tube Axial													
ATA-42-075	7 1/2	1096	1349	25445 - 31345	23765 - 30015	22780 - 28500	21700 - 28490	19310 - 26760	16060 - 24870	16650* - 22680	19970*	75-87	
ATA-42-100	10	1158	1454	26890 - 33790	25315 - 32570	24410 - 31890	23415 - 31185	21230 - 29650	18545 - 27955	16650* - 26150	18850* - 22400	77-86	
48" Tube Axial													
ATA-48-100	10	820	1009	32770 - 40371	29790 - 38031	27980 - 36695	26020 - 35255	21660 - 32110	22000* - 29100	24760*	-	81-86	

\* - This represents the lowest possible CFM at a particular static pressure due to instability of the fan curve. The drive sheave cannot be set below a certain RPM for the ratings.



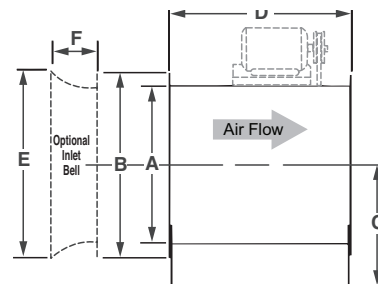
# Fans

## HIGH-PERFORMANCE VANE AXIAL FANS

Designed for moving air through systems with resistance up to 4 in. water gauge loss. Vane axial fans are typically characterized by a propeller with a large hub and short, wide, airfoil blades. In addition, a set of guide vanes is installed in the fan housing to straighten out the rotation of the air stream created by the propeller. This combination of propeller design and guide vanes allows the fan to produce higher pressures and greater efficiencies. At lower static pressures, the vane axial fan will move large air volumes at lower speeds.



A	B	C	D	E	F	G
18"	18 3/8"	21 3/4"	13 1/2"	32"	23 1/2"	4 1/2"
20"	20 3/8"	23 3/4"	15"	32"	26"	4 3/4"
24"	24 3/8"	27 3/4"	17 1/2"	36"	21"	5 3/4"
30"	30 3/8"	33 3/4"	21 1/4"	40"	38 1/2"	7"
36"	36 3/8"	39 3/4"	25"	40"	46"	8 1/2"
42"	42 1/2"	47"	29"	44"	54"	10"
48"	48 1/2"	53"	34"	48"	62"	11 1/2"



		STATIC PRESSURE IN INCHES W.G.									
		1		1.5		2		3		4	
SCFM	Outside Velocity	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
<b>18" Vane Axial Fan</b>											
4000	2174	2171	2.19	2270	2.55	2369	2.94	2562	3.78	2758	4.72
<b>24" Vane Axial Fan</b>											
8000	2469	1941	4.23	--	--	2063	5.56	2190	7.06	2322	8.71
10000	3086	1765	3.66	1855	4.51	1952	5.45	2139	7.52	2323	9.82
<b>30" Vane Axial Fan</b>											
12000	2386	1510	5.45	1564	6.41	1618	7.42	1737	9.72	1863	12.4
14000	2783	1418	5.4	1494	6.69	1569	8.08	1720	11.2	1868	14.7
16000	3181	1458	7.6	1552	7.76	1642	9.48	1813	13.2	1973	17.4
<b>36" Vane Axial Fan</b>											
16000	2216	1210	5.51	--	--	1309	10.4	1410	13.5	1511	17
18000	2493	1146	6.14	1233	7.36	1318	9.37	1486	13.9	1653	19
18000	2493	1181	6.44	1246	7.75	1312	9.51	1444	13.4	1575	17.8
20000	2770	1188	8.2	1285	8.54	1378	10.8	1555	15.7	--	--
<b>42" Vane Axial Fan</b>											
22500	2284	1105	7.29	1156	10.1	1210	12.2	1321	17.1	1432	22.5
24000	2437	996	9.15	1064	9.53	1133	12	1267	17.6	1397	23.7
28000	2843	1096	9.83	1173	11.9	1249	14.9	1397	21.7	--	--
<b>48" Vane Axial Fan</b>											
30000	2338	857	12.1	906	12.5	958	15.4	1062	21.8	1165	29
35000	2728	897	13.7	935	14.2	1005	18.7	1113	26.3	1220	34.8
40000	3118	932	--	997	17.7	1062	22	1189	31.6	--	--



## MIXED-FLOW INLINE FANS

Mixed-flow inline fans can be used with clean air for supply, exhaust or return air installations. Designed to excel in commercial applications where low sound is critical. In addition, these models are more efficient than comparably sized tubular centrifugal and vane axial fans, thus reducing the required motor horsepower and lowering operating costs.

Contact GFS for specific performance data.

# Ductwork

## AUTOMATIC ROOF VENTILATORS

Design provides automatic protection against rain, snow and backdraft for the exhaust system, spray booth and operator. All sizes are constructed from galvanized steel.



Part No.	Diameter
DU-ARV-10-	10"
DU-ARV-12-	12"
DU-ARV-18-	18"
DU-ARV-24-	24"
DU-ARV-30-	30"
DU-ARV-34-	34"
DU-ARV-36-	36"
DU-ARV-40-	40"
DU-ARV-42-	42"
DU-ARV-48-	48"

## AUTOMATIC WALL SHUTTER

For exhausting through the side of a building. Automatic wall shutters are comprised of non-motorized, gravity louvers built into a square housing, with square-to-round transition. Adapter flange included.



Part No.	Diameter
DU-SHW-12-12	12" x 12" w/AF
DU-SHW-18-18	18" x 18" w/AF
DU-SHW-24-24	24" x 24" w/AF
DU-SHW-30-30	30" x 30" w/AF
DU-SHW-36-34	36" x 36" w/AF 34 Duct
DU-SHW-36-36	36" x 36" w/AF 36 Duct
DU-SHW-42-40	42" x 42" w/AF 40 Duct
DU-SHW-42-42	42" x 42" w/AF
DU-SHW-48-48	48" x 48" w/AF



## BAFFLES

Recommended for rear exhaust applications.

Part No.	Diameter
EB1	12" to 24"
EB2	30" to 42"

## CONNECTOR RINGS

Used for connecting the exhaust fan to other exhaust stack components. Connector ring price is not included in duct pricing, unless indicated. Indicate the number of rings, and if rings are to be welded to duct or shipped loose. One connector ring is supplied with fan assemblies, as standard.



Part No.	Diameter
409-110	10"
409-112	12"
409-118	18"
409-124	24"
409-130	30"
409-134	34"
409-136	36"
409-140	40"
409-142	42"
409-148	48"

## ELBOWS

Full radius throat and pipe diameter construction allows for a smooth interior surface. Minimized airflow resistance, turbulence and exhaust air noise management is superior versus others, and can be utilized in most applications. All sizes are constructed from galvanized steel.



Part No.	Part No.	Diameter
<b>45°</b>	<b>90°</b>	
DU-E45M-10-	DU-E90M-10-	10"
DU-E45M-12-	DU-E90M-12-	12"
DU-E45M-18-	DU-E90M-18-	18"
DU-E45M-24-	DU-E90M-24-	24"
DU-E45M-30-	DU-E90M-30-	30"
DU-E45M-34-	DU-E90M-34-	34"
DU-E45M-36-	DU-E90M-36-	36"
DU-E45M-40-	DU-E90M-40-	40"
DU-E45M-42-	DU-E90M-42-	42"
DU-E45M-48-	DU-E90M-48-	48"

## EXHAUST STACK KITS

Exhaust stack kits include three 3 ft. plain exhaust duct sections, one 3 ft. universal stack with access door and one roof ventilator.



Part No.	Diameter
DU-STK-10	10"
DU-STK-12	12"
DU-STK-18	18"
DU-STK-24	24"
DU-STK-30	30"
DU-STK-34	34"
DU-STK-36	36"
DU-STK-40	40"
DU-STK-42	42"

## FAN STAND/SUPPORT FRAMES

Outdoor roof-mounted unit specifically designed to support the exhaust fan and connected exhaust stack. GFS recommends using one for all outdoor roof-mounted exhaust fans. For flat or pitched roofs. Constructed from angle iron. Requires some assembly.



Part No.	Diameter
FSU-12	12"
FSU-18	18"
FSU-24	24"
FSU-30	30"
FSU-34	34"
FSU-36	36"
FSU-40	40"
FSU-42	42"
FSU-48	48"

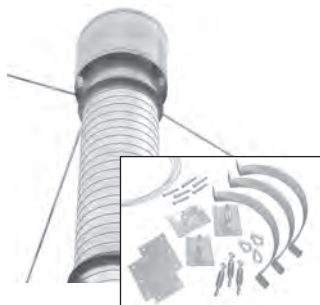
**Custom ductwork also available, contact GFS**

# Ductwork

## GUY WIRE KITS

Includes 50 ft. of 1/8 in. cable, anchors, turnbuckles and clamps for installation of three guy wires to above roof exhaust stack.

Note: Connector ring sold separately.



Part No.	Diameter
DU-GWK-10	10"
DU-GWK-12	12"
DU-GWK-18	18"
DU-GWK-24	24"
DU-GWK-30	30"
DU-GWK-34	34"
DU-GWK-36	36"
DU-GWK-40	40"
DU-GWK-42	42"
DU-GWK-48	48"

## MOTOR COVERS

Weather-tight, ventilated enclosure designed to protect the electric fan motor when installed outside. Constructed from galvanized steel. Requires some assembly.



Part No.	Diameter
FMC-12	12"
FMC-18	18"
FMC-24	24"
FMC-30	30"
FMC-34	34"
FMC-36	36"
FMC-40	40"
FMC-42	42"
FMC-48	48"

## PLAIN EXHAUST DUCT

Straight, 3 ft. section, with one end corrugated for easy installation. Duct can be ordered with a removable access door (CO) for inspecting and cleaning. All sizes are constructed from galvanized steel. Requires some assembly.

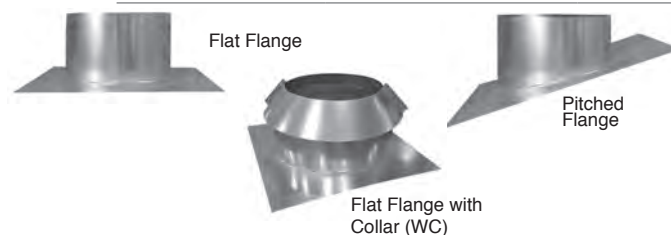


Part No.	Diameter
DU-PLP-10-3-	10"
DU-PLP-12-3-	12"
DU-PLP-18-3-	18"
DU-PLP-24-3-	24"
DU-PLP-30-3-	30"
DU-PLP-34-3-	34"
DU-PLP-36-3-	36"
DU-PLP-40-3-	40"
DU-PLP-42-3-	42"
DU-PLP-48-3-	48"

## ROOF FLANGES

Not recommended for corrugated metal roofs. GFS recommends a custom curb on a roof pitch that exceeds 4/12; specify pitch when ordering.

Part No.	Part No.	Diameter
Flat	Pitched	
DU-FRF-10-WC	DU-PRF-10-___-WC	10"
DU-FRF-12-WC	DU-PRF-12-___-WC	12"
DU-FRF-18-WC	DU-PRF-18-___-WC	18"
DU-FRF-24-WC	DU-PRF-24-___-WC	24"
DU-FRF-30-WC	DU-PRF-30-___-WC	30"
DU-FRF-34-WC	DU-PRF-34-___-WC	34"
DU-FRF-36-WC	DU-PRF-36-___-WC	36"
DU-FRF-40-WC	DU-PRF-40-___-WC	40"
DU-FRF-42-WC	DU-PRF-42-___-WC	42"
DU-FRF-48-WC	DU-PRF-48-___-WC	48"



## SOUND MANAGEMENT

These units are to be installed between the exhaust system origination point and the exhaust fan. Each installed muffler can reduce the noise level from 2 to 5 dB in most situations. All sizes are manufactured from galvanized steel and acoustical sound attenuation materials, and include one fan connector ring.



Part No.	Diameter
MUF-18365	18"
MUF-24361	24"
MUF-34362	34"
MUF-40363	40"

## STANDARD SPIRAL DUCT

Available in 4 ft. or 8 ft. lengths. All sizes are constructed from galvanized steel. Will require connector rings on each end.



Part No.	Diameter
DU-SPP-10-	10"
DU-SPP-12-	12"
DU-SPP-18-	18"
DU-SPP-24-	24"
DU-SPP-30-	30"
DU-SPP-34-	34"
DU-SPP-36-	36"
DU-SPP-40-	40"
DU-SPP-42-	42"
DU-SPP-48-	48"



# Controls

## CONTROL PANELS UL 508 & CUL Listed Panels

Control Panel Features & Options																															
<div>S = Standard Feature</div> <div>◆ = Optional Feature</div> <div>Notes:</div> <div><div>• 6-light maximum capacity for standard panels</div><div>• 480 Volt systems with suffix - 4 use 277 Volt for light fixtures</div><div>• 230/208 Volt systems use 110 Volt for light fixtures</div><div>• Not recommended for spray booths with air make-up units or air balancing systems.</div></div>	Type 1 enclosure	Type 12 enclosure	Type 4 enclosure	Type 7 enclosure	Main disconnect	Main breaker disconnect	Magnetic motor starter	Exhaust Variable Frequency Drive	Motor fuse protection	Lighting contactor	Lighting fuse protection	System operating controls	Terminal strip for field wiring	System operation lights	Air replacement temp selector	Paint/Cure switch	System start-up interlock timer	Purge timer	Hour meter	Digital temp readout	Air balance control system	Dirty filter interlock	Air solenoid contact (Interlock) (Air Solenoid not included)	Door limit switch interlock	Air proving interlock	Infrared heat controls	UL industrial listing	Panel view touch screen	Programmable Logic Controller (PLC)	Gun hanger switch	
	Standard Control Panel	S				S		S		S	S	S	S	S	S							◆	S	◆	◆		S				
	Standard Control Panel with Power Saver		S		◆		S		S	S	S	S	S	S	S			S	◆			◆	S	◆	◆		S			S	
	Deluxe Control Panel (Pressurized Booth)		S	◆	◆		S	S	◆	S	S	S	S	S	S	S	◆	S	◆	◆	◆	◆	◆	S	S	◆	◆	S	◆	◆	
	Deluxe Control Panel w/Economizer feature		S	◆	◆		S		S	S	S	S	S	S	S	S	S	S	S	◆	◆	S	◆	S	S	◆	◆	S	◆	S	S

### Standard Panel

Prewired, standard control panel features single-point connection for quick and easy wiring with NEMA rated enclosure.



### INSIGHT

A PLC-based, UL-listed control system with an intuitive, simplistic touch screen, the INSIGHT control panel allows you to continually monitor all systems for safety and function. Pop-up displays indicate running information and faults to guide operator through faults.



### LOGIC 3

The LOGIC 3 control panel is an impressive yet simple control system with many of the same user programmable features as the LOGIC 4, but on a smaller, streamlined user interface.



### VELOCITY™

The Velocity control panel combines the function of a fully-integrated control system with a user-friendly interface. Enhancements such as improved temperature and pressure control, improved troubleshooting, alarm tracking and Auto-Balance are available on the Velocity control panel.



### Deluxe Panels

Deluxe control panels are designed for special applications, such as air makeup units, multiple booth operations or booths with automatic air balancing systems.



### ENGAGE®

The new Engage control panel features a simplified, easy-to-use interface with enhancements such as improved temperature and pressure control and alarm tracking for better, more reliable booth performance.



### LOGIC 4

The most advanced and user programmable spray booth control system on the market, the LOGIC 4 provides you complete control over the booth, and the ability to easily switch from waterborne to solvent base.



Contact GFS to create a custom panel or help you find the control panel that will suit your needs.

# Controls

## AIR BALANCING - ENERGY SAVING PACKAGES

The following air-balancing packages can be purchased with new booths or for existing booths already in service. They can be purchased alone or in tandem, for additional energy savings.

### Variable Frequency Drives (VFDs)

VFDs automatically adjust fan motor speeds based on actual airflow conditions, and maintain an air balance within the paint booth, preventing paint fumes from escaping and dust from entering. They also provide optimum air pressure, consistent exhaust and a consistency in controlled temperature.

#### Benefits:

- Decreases energy cost
- Improves process control
- Increases transfer efficiency
- Extends dry filter usage up to 50 percent
- Controls and directs overspray into filtration systems
- Controls and exhausts VOCs from the workplace
- Provides a cleaner system and paint finishes



### For Non Pressurized Spray Booths

#### Power Saver

Power Saver is a control panel upgrade that allows the painter to slow the exhaust fan to half speed when not painting. Included is a variable frequency drive (VFD), which controls the fan motor speed, and a gun hanger switch, which is wired to the control panel. When the painter hangs the spray gun on the hook, the VFD will slow the fan to half speed. When the paint gun is taken off the hook, the fan returns to full speed.



Energy is conserved in two ways:

- Fan motor uses less electricity
- Booth exhausts less heated air during the cold months

**Reduces airflow 50 percent during energy saving mode!**

Note: In cases where an air makeup unit accompanies a non-pressurized spray booth, Power Saver will only control the spray booth.

#### Consta-Flow

The Consta-Flow System is designed to automatically adjust the exhaust fan to the changing conditions of the exhaust filters. GFS recommends Consta-Flow for all paint booths with conveyor openings and booths with multiple filter stages that have high static pressure when loading.



Consta-flow consists of a VFD, differential pressure gauge and sensing probes. The system monitors static pressure and adjusts the exhaust fans RPMs to what is needed for the volume of exhaust air, based on how loaded the filters are. The result is a booth with constant airflow as filters load up with paint, increasing filter life.

### For Pressurized Spray Booths

#### Economizer

Economizer is a control panel upgrade for booths that have air makeup units directly pressurizing the booth. The upgrade includes an auto-balance system, VFD and gun hanger switch. The VFD automatically adjusts the airflow of the exhaust fan(s) to ensure proper booth balance. The gun hanger switch, located inside the paint booth, controls the booth function from paint mode to energy saving mode. When the paint gun is hanging on the hook, the booth airflow slows to half speed. When the paint gun is removed from the hook, airflow resumes to full speed.

Economizer can only be used on new or existing booths with variable air volume air makeup units.

**Reduces airflow 50 percent during energy saving mode!**

A control panel purchased with Economizer will also automatically receive an Auto-Balance System, which keeps the booth balanced regardless of filter loading.

economizer

#### Auto-Balance

Recommended for all pressurized booths, Auto-Balance is designed to keep the paint booth balanced while in operation. The system consists of a VFD, differential pressure gauge and sensing probes.



The Auto-Balance system monitors the interior booth pressure and adjusts the exhaust fan RPMs to what is needed for the volume of exhaust air, based on what the incoming intake air is. The result is a booth that is balanced automatically and stays in balance as the filters load up with paint overspray. The system increases useful filter life, provides a constant airflow throughout the booth, and allows you to easily control the booth pressure.

# Booth Accessories

## BOOTHBOX 2™



Part No.  
218-002  
A magnetic, double compartment cabinet and double spray gun holder, the Booth Box 2™ stores commonly used supplies within arm's reach in the paint booth. Helps increase efficiency and productivity by eliminating trips in and out of the booth.

## SINGLE SPRAY GUNHANGER™



Part No.  
218-004  
This magnetic spray gun holder is designed to hold all types of spray guns and most types of air tools. A soft edge guard eliminates scratching of gun or gun cup.

## BOOTHBOX MINI™



Part No.  
218-006  
BoothBox Mini™ is a magnetic, single compartment cabinet and double spray gun holder, designed for paint booths. Increase efficiency and productivity by storing your needed painting items close at hand, and avoiding trips in and out of the booth during a paint job!

## 4 GUNHANGER™



Part No.  
218-011  
A magnetic, 4-position spray gun holder for paint booths, prep areas or anywhere in the shop. Also works great in paint mixing rooms. Equipped with a tape-holding hook for storing tape, spray gun wrenches and other needed items.

### CAUTION:

Each of the magnetic products is equipped with highly powerful magnets that will perform the task(s) intended for.

Always use caution with any magnetic product. Keep fingers and other important body parts away from the path of magnetic/metal contact! Never use any magnetic accessory on or near computer equipment.

## HOSE & GUNHANGER™



Part No.  
218-013  
A double spray gun holder and air hose hanger. For use in paint booths, prep areas or anywhere in the shop. Equipped with a tape-holding hook for storing tape or other needed items.

## MAGAHOOK™



Part No.  
218-015

Magahooks™ are useful in holding a variety of objects to a metal surface, such as a paint booth wall, parts caddy, locker etc.

## TEST PANEL HOLDER™



Part No.  
218-023  
Simplify your test panel process! Attach paper or metal test panels, hold and spray! For flash and dry times, or everyday storage, place the Test Panel Holder™ on the booth wall or other sheet metal surface by its magnets.

## PUMP BOTTLE HOLDER™



Part No.  
218-032  
Double magnetic hook sized for the common degreaser bottles that are usually scattered across prep carts, lying on the floor or hanging from any ledge available. Use the Magnetic Pump Bottle Holder™ anywhere in the booth or prep area to keep bottles easily accessible. Also great for hanging a variety of pneumatic tools, spray guns and just about anything you can imagine!

## MIRROR HANGER™



Part No.  
218-033  
Magnetic has proven itself as the best and easiest way to paint mirrors and other small parts. Simply hold the handle and paint the attached mirror. Then place it on the powerful magnetic wall base between coats. No more hanging from wires!

### Spray Booth Accessories

Part No.	Description
218-002	Booth Box 2™ - 15"w, 14"h, 6.5"d
218-004	Single Spray GunHanger™ - 3"w, 5"d
218-006	Booth Box Mini™ - 14"w, 7.25"h, 6"d
218-011	4 GunHanger™ - 7.5"w, 18.75"h, 7"d
218-013	Hose & GunHanger™ - 7.5"w, 18.75"h
218-014	Magahook™ - 2.65" Base, 3" Shaft, 65lb pull
218-015	Magahook™ 'U' Style - 2.65" Base, soft coated hook, 65 lb pull
218-023	Test Panel Holder™ with Clipboard
218-032	Pump Bottle Holder™
218-033	Mirror Hanger™
600-080	<b>Standard Kit:</b> 218-002, 218-006, 218-011, 218-013, 218-004, 218-014, 218-023
600-081	<b>Economy Kit:</b> 218-006, 218-013, 218-004, 218-014, 218-023



# Booth Accessories

## BOOTH INTERIOR PROTECTION

Materials designed to protect paint booth walls, floors and light fixtures during industrial processes.

### Booth Shield™

Booth Shield strippable coating provides superior protection and provides a safer spraying environment. Contact GFS to check the availability of 55 gallon drums.



Part No.	Description
236-064	Peelable White Water Based Wall - 5 gal, 385 sq. ft.
236-065	Peelable White Water Based Wall - 1 gal, 75 sq. ft.
236-063	Peelable White Solvent Based Floor - 5 gal, 125 sq. ft.
236-066	Peelable White Solvent Based Floor - 1 gal, 25 sq. ft.
236-062	Floor Prep Water Based - 1 gal, 315 sq. ft.
236-061	Wall Prep Water Based - 5 gal, 1,925 sq. ft.
236-067	Wall Prep Water Based - 1 gal, 385 sq. ft.
236-039	Translucent Water Based - 5 gal, 835 sq. ft.
236-068	Translucent Water Based - 1 gal, 165 sq. ft.
236-041	Peelable White Solvent Based - 5 gal, 225 sq. ft.

### Wall & Floor

White, adhesive-backed material traps dust, dirt and overspray, brightens area.



Part No.	Description
217-112	28" x 300' roll
217-110	Dispenser

### Fire Retardant Floor Paper

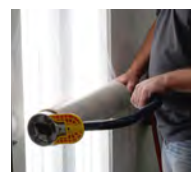
Bright white floor protection ideal for spray operations. OSHA compliant.



Part No.	Description
217-081	36" x 300' roll
217-083	60" x 300' roll
217-084	72" x 300' roll

### Light Fixture Lens Protection

2 mil, plastic peel-off film with custom acrylic adhesive.



Part No.	Description
230-004	18" x 100' roll
230-210	12" x 100' roll
230-211	Dispenser

### DirtTrack Mat

Prevent dirt and contaminants from entering the booth with multilayered, adhesive DirtTrack mats.

Part No.	Description
217-240	24 in. x 30 in.
217-241	36 in. x 60 in.

## CURTAIN WALLS & DIVIDERS

Separate and maximize your usable space with GFS Curtain Walls & Dividers. Curtain Walls provide a retractable barrier for confining dirt, dust and contaminants, and control cold loss. All materials meet NFPA 701 for fire retardancy.

### Features



**Steel-Scrim™ Laminated Vinyl:** Featuring our proprietary, tri-lateral polyester scrim design, Steel Scrim Vinyl is 84 percent stronger than standard laminated vinyl.



**Work-View Window:** 20-mil, flame resistant and double polished PVC window for a clear view of workers and operations. Meets CFM and NFPA 701 standards.



**Chain Weighted Hem:** Heavy-duty, 3/16 in. galvanized chain inserted into the 4 in. bottom pocket to stabilize the curtain against drafts.



**Electronically Welded Seams:** Interior seams are electronically welded with RF bar sealers for an extra tough resistance to tears. Outer hems are sewn with a heavy-duty, double-lock stitched nylon thread.



**Brass Grommets:** #2 brass toothed grommets are spaced every 12 in. on center of the curtains to hang securely on the roller hooks.



**Roller Track System:** Heavy-duty, 16-gauge roller track system modularly connects track lengths to your desired shape and length. Available in beam flange, ceiling, floor or suspended (threaded rod or beam to chain) mount.



**2-Wheel Roller Hooks:** Available for large curtain systems, two-wheel steel roller hooks make for easy sliding and folding of curtains.



**Velcro Attachments:** 2 in. velcro side attachments easily seal and attach both sides of curtains to multiple curtains. Available in standard 2 ft. swatches, full length or custom.



### Options

**Weld-View Window:** 14-mil, PVC weld-view window blocks harmful UV Rays from welding while allowing view of workers. Meets CFM and NFPA 701 standards.

**Adhesive Velcro:** Attaches any curtain to a brick, metal, concrete or wood wall or door opening.

**Vinyl Floor Sweep:** Sew-in or velcro option. Seals bottom 1 in. gap to seal off dirt, dust or contaminants.

**Floor Mount D-Rings:** Included with strap and buckle. Securely fastens your curtain system when heavy updrafts are a problem.



# Booth Accessories

## PAINT BOOTH PARTS HANGER SYSTEM

This flexible parts hanging system enables you to maximize the productivity of your paint booth. Sturdy construction ensures parts stay put, while the easily adjustable racks make positioning parts for easy spraying a snap.

### Standard Parts Hanger Systems

Includes one support beam/track

Part No.	Description
PH-CS-1014-Kit	10' x 14' for Ultra booths
PH-FS-1010-Kit	10' x 10' for Performer booths

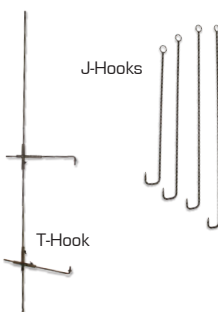
### Deluxe Parts Hanger System

Includes 2 support beams, one single track and two adjustable clamp and rod assemblies. Allows parts hanger system to move around the paint booth for added flexibility.

Part No.	Description
PH-CD-1014-Kit	10' x 14' for Ultra booths
PH-FD-1010-Kit	10' x 10' for Performer booths

Stand alone accessories available:

- Sliding Track & J-Hook
- 24" Rod Assembly
- 30" Rod Assembly
- 36" Rod Assembly
- 42" Rod Assembly
- Adjustable Rod Assembly



## ROTATING BOOTH ACCESS TABLE

Easily access your pre-mixed paint or other supplies from inside the paint booth by installing this rotating table into the wall that connects your paint booth to your mix room. Your paint and supplies stay out of the way until needed.



Part No.	Description
RS-SPA36108	for GFS dual-skin panels
RS-SPA2420	for single-skin retrofit panel

## PAINT BOOTH SOUND SYSTEM

Fill your paint booth with sound using Bluetooth connection! GFS' exclusive Paint Booth Sound System features professional grade audio equipment housed in a durable steel casing. The custom-made speaker enclosure has been engineered for the harsh paint booth environment.

- Bluetooth receiver
- Two speakers
- Amplifier
- Shelf with USB port for easy battery charging



Compatible with:



## PAINT BOOTH TOOL CABINET

Add extra storage capacity to your paint booth and keep tools & supplies clean and free of overspray. This 10-foot cabinet is integrated in to the rear wall of your paint booth for a custom fit, without losing valuable working space inside your booth. Not available for retrofit.

Cabinets feature heavy-duty hardware and latches. The walls are made of white pre-coated steel panels, just like the walls of GFS paint booths, for exceptional durability.



## GRATE LIFTING TOOL

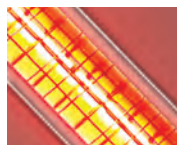
Designed to assist you in raising exhaust pit grates when filters need replacing. Made of heavy-duty metal, this tool allows you to lift and maneuver heavy grates without straining your back or pinching your fingers in between grates.

Part No.  
GRT-TOOL



# Booth Accessories

## REVO - ACCELERATED CURING



### Short-Wave Electric Infrared Technology

GFS REVO Infrared (IR) Systems were developed to meet the demand for faster repairs. By utilizing short-wave electric infrared technology, GFS REVO IR Systems dramatically decrease the overall repair cycle time, allowing you to get more repairs through your shop in less time.

#### Mobile IR Drying System



The single-cassette GFS REVO Spot is the ideal solution for rapidly drying small surfaces. On wheels, the REVO Spot can be easily moved into any paint booth, prep station or virtually anywhere you need it.

Part No.  
RVS-220



#### Handheld IR Drying System



Light weight and with an ergonomic handle, GFS' REVO Handheld is the perfect tool for fast spot repairs. In addition to rapidly drying filler, primer and clear coat, REVO Handheld can be used to soften glass seals, and remove ornaments and adhesives.

Part No.  
RVHH-110



## COMPRESSED AIR SOLUTIONS

### Regenerative Dryers

Tsunami Regenerative Dryer uses the latest technology to provide your application the cleanest, driest compressed air. Available in a variety of sizes and configurations.



**Wall Mounted Units** come complete with pre-filters, PLC, mounting rail and automatic drains.

Part No.	HP	Inlet/Outlet
218-100	10	1"/1"
218-101	15	1"/1"
218-102	20	1"/1"
218-103	30	1"/1"



**Ultra Drying Systems** are fully assembled solutions complete with pre-filters, PLC, automatic drains and outlet regulator. Ultra Systems come mounted on an 80-gallon tank for storing ultra dry air.

Part No.	HP	Inlet/Outlet
218-105	15	1"/1"
218-106	20	1"/1"
218-107	30	1"/1"

### Membrane Drying System



Easy installation, low maintenance drying system

- First-stage water separator with float drain
- Second-stage oil coalescing filter with float drain
- Third-stage membrane dryer unit
- High flow piston regulator downstream

Part No.

218-108	20 CFM Membrane Dryer
---------	-----------------------

### Filtration Packages

50 CFM filter packages are assembled complete. To prevent rust and corrosion from forming inside the housing, filters are machined from 6061 aircraft aluminum and anodized for maximum corrosion resistance, inside and out.



Part No.	Description
218-119	Water separator, oil coalescing filter & regulator
218-121	Oil coalescing filter & regulator
218-120	Water separator, oil coalescing filter, activated carbon filter & regulator

### Compressed Air Hose

Safely and efficiently move compressed air to spray guns or tools with a professional-grade hose from GFS:

- Durable construction
- Leak-free use
- Manufactured from high-quality materials
- 3/8" internal dimensions



Part No.	Description
218-110	35' spray hose
218-111	50' spray hose
218-128	350' spray hose bulk reel



[WWW.GLOBALFINISHING.COM](http://WWW.GLOBALFINISHING.COM)

---