



GLOBAL FINISHING SOLUTIONS

Industrial Open Face Booths



- Expandable Modular Design
- Easy Assembly
- Heavy-Duty Construction
- Meet or Exceeds National Code Requirements
- Custom Booths Available



Our most popular and affordable product line, GFS Open Face Paint Booths provide a safe, clean environment for your finishing operations. With a unique, modular design, GFS can design and build an open face booth in virtually any size or configuration to meet your specific requirements.

BOOTH FEATURES

Exhaust Chamber

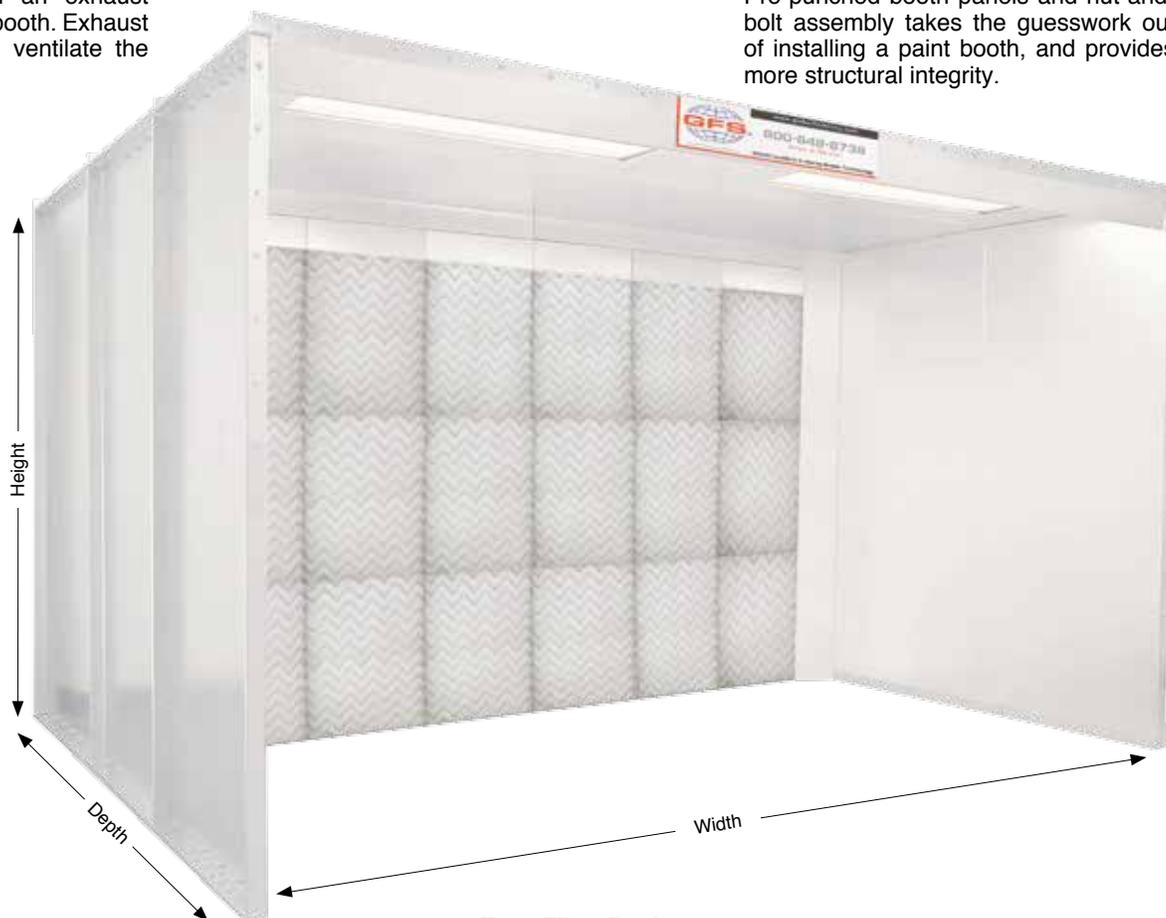
Air is filtered through an exhaust chamber as it exits the booth. Exhaust stacks are required to ventilate the booth to the outside.

Solid Construction

Pre-punched booth panels and nut-and-bolt assembly takes the guesswork out of installing a paint booth, and provides more structural integrity.

Heavy-Duty Panels

GFS Open Face Booths are constructed with single-skin, 18-gauge, G-90 galvanized steel.



Selecting a Booth Size

Deciding on the right size paint booth isn't always an easy task. Use the following guidelines to help you determine the appropriate size booth for your needs.

- **Width:** Width of the largest item (including fixture or pallet) plus 5 feet
- **Height:** Height of the largest item (including fixture or pallet) plus 2 feet
- **Depth:** Depth of the largest item plus 3 feet (clearance at the rear)

Additional Sizing Considerations

- **Conveyorized Booths:** Width must be sufficient to allow finishers to complete the finishing operation within the allotted time. Spraying should not be closer than 2 feet from the conveyor opening.
- **Bridge Intake Chambers w/ Solid Doors:** Booth opening is decreased by 2 feet high and 4 feet wide on a booth with a bridge intake chamber
- **Filtered Doors for Large Booths (12 Ft. wide or larger):** Booth opening is decreased by 4 feet wide when using filtered doors on large booths.

Easy Filter Replacement



- Installing and replacing filters is easy with the grid system.
- Each booth comes complete with a full set of GFS Wave 20" x 20" exhaust filters. Avoid wasting filters by replacing only the filter squares that need changing.
- An included manometer indicates when filters need to be replaced.

Fans & Motors

High-powered fans and motors are required to create adequate airflow within a paint booth. Each GFS booth includes a non-sparking, tube axial exhaust fan(s) with belt guards and duct connector ring, and a 3-phase, TEFC, tri-voltage motor(s) with variable pitch pulley.



Superior Lighting

The majority of GFS' open face booths feature integrated 4-tube, inside-access fluorescent light fixtures. GFS light fixtures are ETL listed (Class 1 Division 2) and come complete with T-8 color-corrected tubes.



Code Requirements:

Paint finishing equipment manufactured by GFS is designed to meet the applicable requirements of various codes and industry recognized standards. For spray applications using flammable and combustible materials, the standards are NFPA 33 and Chapter 24 of the International Fire Code (IFC). For curing and drying applications, the standards are NFPA 86 and Chapter 30 of the IFC. Often local requirements vary from these national codes and standards so it is important that you consult the local authority having jurisdiction before specifying and purchasing paint finishing equipment.



BOOTH OPTIONS

- White pre-coated panels (May require additional lead times; consult GFS).
- Single-phase, explosion-proof and/or 575 V/50 Hz exhaust fan motor
- 4-foot, 6-tube fluorescent light fixtures with color-corrected tubes
- Rear-access, ETL-listed light fixtures
- UL listed:
 - Booth packages
 - Prewired control panels
 - Individual control panel components
- Exhaust ductwork

Notes:

- GFS recommends proper air replacement system. Contact GFS if air replacement is needed.
- GFS industrial booths are intended for indoor installation only.
- Air solenoid valve required for all installations for light lens switch and fan; priced separately.
- **All specifications are subject to change without prior notice. (Booth model numbers may vary based on order entry process)**



TOUCH-UP & BENCH-TOP BOOTHS

| Model No. Standard | Working Dimensions W x H x D | | | Overall Dimensions W x H x D | | | CFM 1/4" SP @ 100 FPM | FAN Dia. | HP | No. Filters | No. Lights |
|-----------------------|---------------------------------|----|----|---------------------------------|-------|-------|-----------------------------|-------------|-----|----------------|---------------|
| IFP-3-BT | 3' | 4' | 2' | 3'-4" | 4'-4" | 4'-2" | 1200 | 12" | 1/3 | 2 | 0 |
| IFP-3 | 3' | 4' | 2' | 3'-4" | 7'-2" | 4'-2" | 1200 | 12" | 1/3 | 2 | 0 |
| IFP-4 | 4' | 4' | 3' | 4'-4" | 7'-2" | 5'-2" | 1600 | 18" | 1/3 | 4 | 0 |
| IFP-5 | 5' | 4' | 3' | 5'-4" | 7'-2" | 5'-2" | 2000 | 18" | 1/2 | 6 | 1 |
| IFP-7 | 7' | 4' | 3' | 7'-4" | 7'-2" | 5'-2" | 2800 | 18" | 3/4 | 8 | 1 |

SMALL BOOTHS

| Model No. Standard | Working Dimensions W x H x D | | | Overall Dimensions W x H x D | | | CFM 1/4" SP @ 125 FPM | FAN Dia. | HP | No. Filters | No. Lights |
|-----------------------|---------------------------------|--|--|---------------------------------|--|--|-----------------------------|-------------|----|----------------|---------------|
|-----------------------|---------------------------------|--|--|---------------------------------|--|--|-----------------------------|-------------|----|----------------|---------------|

6 Ft. Wide Booths

| | | | | | | | | | | | |
|------------|----|-----|-----|-------|--------|--------|------|----|---|----|---|
| IFP-060706 | 6' | 7' | 6' | 6'-4" | 7'-2" | 9'-2" | 5250 | 24 | 1 | 12 | 1 |
| IFP-060709 | 6' | 7' | 9' | 6'-4" | 7'-2" | 12'-2" | 5250 | 24 | 1 | 12 | 1 |
| IFP-060712 | 6' | 7' | 12' | 6'-4" | 7'-2" | 15'-2" | 5250 | 24 | 1 | 12 | 2 |
| IFP-060806 | 6' | 8' | 6' | 6'-4" | 8'-2" | 9'-2" | 6000 | 24 | 2 | 12 | 1 |
| IFP-060809 | 6' | 8' | 9' | 6'-4" | 8'-2" | 12'-2" | 6000 | 24 | 2 | 12 | 1 |
| IFP-060812 | 6' | 8' | 12' | 6'-4" | 8'-2" | 15'-2" | 6000 | 24 | 2 | 12 | 2 |
| IFP-061006 | 6' | 10' | 6' | 6'-4" | 10'-2" | 9'-2" | 7500 | 24 | 2 | 15 | 1 |
| IFP-061009 | 6' | 10' | 9' | 6'-4" | 10'-2" | 12'-2" | 7500 | 24 | 2 | 15 | 1 |
| IFP-061012 | 6' | 10' | 12' | 6'-4" | 10'-2" | 15'-2" | 7500 | 24 | 2 | 15 | 2 |
| IFP-061206 | 6' | 12' | 6' | 6'-4" | 12'-2" | 9'-2" | 9000 | 30 | 3 | 21 | 1 |
| IFP-061209 | 6' | 12' | 9' | 6'-4" | 12'-2" | 12'-2" | 9000 | 30 | 3 | 21 | 1 |
| IFP-061212 | 6' | 12' | 12' | 6'-4" | 12'-2" | 15'-2" | 9000 | 30 | 3 | 21 | 2 |

8 Ft. Wide Booths

| | | | | | | | | | | | |
|------------|----|-----|-----|-------|--------|--------|-------|----|---|----|---|
| IFP-080706 | 8' | 7' | 6' | 8'-4" | 7'-2" | 9'-2" | 7000 | 24 | 2 | 16 | 1 |
| IFP-080709 | 8' | 7' | 9' | 8'-4" | 7'-2" | 12'-2" | 7000 | 24 | 2 | 16 | 1 |
| IFP-080712 | 8' | 7' | 12' | 8'-4" | 7'-2" | 15'-2" | 7000 | 24 | 2 | 16 | 2 |
| IFP-080806 | 8' | 8' | 6' | 8'-4" | 8'-2" | 9'-2" | 8000 | 30 | 2 | 16 | 1 |
| IFP-080809 | 8' | 8' | 9' | 8'-4" | 8'-2" | 12'-2" | 8000 | 30 | 2 | 16 | 1 |
| IFP-080812 | 8' | 8' | 12' | 8'-4" | 8'-2" | 15'-2" | 8000 | 30 | 2 | 16 | 2 |
| IFP-081006 | 8' | 10' | 6' | 8'-4" | 10'-2" | 9'-2" | 10000 | 30 | 3 | 20 | 1 |
| IFP-081009 | 8' | 10' | 9' | 8'-4" | 10'-2" | 12'-2" | 10000 | 30 | 3 | 20 | 1 |
| IFP-081012 | 8' | 10' | 12' | 8'-4" | 10'-2" | 15'-2" | 10000 | 30 | 3 | 20 | 2 |
| IFP-081206 | 8' | 12' | 6' | 8'-4" | 12'-2" | 9'-2" | 12000 | 30 | 5 | 28 | 1 |
| IFP-081209 | 8' | 12' | 9' | 8'-4" | 12'-2" | 12'-2" | 12000 | 30 | 5 | 28 | 1 |
| IFP-081212 | 8' | 12' | 12' | 8'-4" | 12'-2" | 15'-2" | 12000 | 30 | 5 | 28 | 2 |

SMALL BOOTHS

| Model No. | Working Dimensions | | | Overall Dimensions | | | CFM 1/4" SP @ 125 FPM | FAN Dia. | HP | No. Filters | No. Lights |
|---------------------------|--------------------|-----|-----|--------------------|--------|--------|-----------------------------|-------------|----|----------------|---------------|
| Standard | W x H x D | | | W x H x D | | | | | | | |
| 10 Ft. Wide Booths | | | | | | | | | | | |
| IFP-100706 | 10' | 7' | 6' | 10'-4" | 7'-2" | 9'-2" | 8750 | 30 | 3 | 20 | 2 |
| IFP-100709 | 10' | 7' | 9' | 10'-4" | 7'-2" | 12'-2" | 8750 | 30 | 3 | 20 | 2 |
| IFP-100712 | 10' | 7' | 12' | 10'-4" | 7'-2" | 15'-2" | 8750 | 30 | 3 | 20 | 4 |
| IFP-100806 | 10' | 8' | 6' | 10'-4" | 8'-2" | 9'-2" | 10000 | 30 | 3 | 20 | 2 |
| IFP-100809 | 10' | 8' | 9' | 10'-4" | 8'-2" | 12'-2" | 10000 | 30 | 3 | 20 | 2 |
| IFP-100812 | 10' | 8' | 12' | 10'-4" | 8'-2" | 15'-2" | 10000 | 30 | 3 | 20 | 4 |
| IFP-101006 | 10' | 10' | 6' | 10'-4" | 10'-2" | 9'-2" | 12500 | 30 | 5 | 25 | 2 |
| IFP-101009 | 10' | 10' | 9' | 10'-4" | 10'-2" | 12'-2" | 12500 | 30 | 5 | 25 | 2 |
| IFP-101012 | 10' | 10' | 12' | 10'-4" | 10'-2" | 15'-2" | 12500 | 30 | 5 | 25 | 4 |
| IFP-101206 | 10' | 12' | 6' | 10'-4" | 12'-2" | 9'-2" | 15000 | 34 | 5 | 35 | 2 |
| IFP-101209 | 10' | 12' | 9' | 10'-4" | 12'-2" | 12'-2" | 15000 | 34 | 5 | 35 | 2 |
| IFP-101212 | 10' | 12' | 12' | 10'-4" | 12'-2" | 15'-2" | 15000 | 34 | 5 | 35 | 4 |

ADDING WORK DEPTH

Standard Small Booths - 6, 8, & 10 Ft. wide

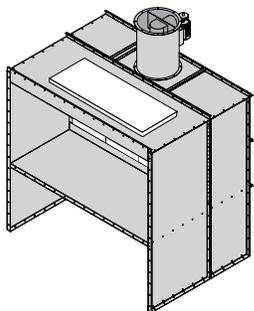
Working compartment extensions are specifically designed to increase the working depth of the paint booth. Working depth can be increased with two- or three-foot solid or lighted extensions. Ceiling panels run side to side.

- 18-gauge, G-90 galvanized panel construction
- Assembly hardware included

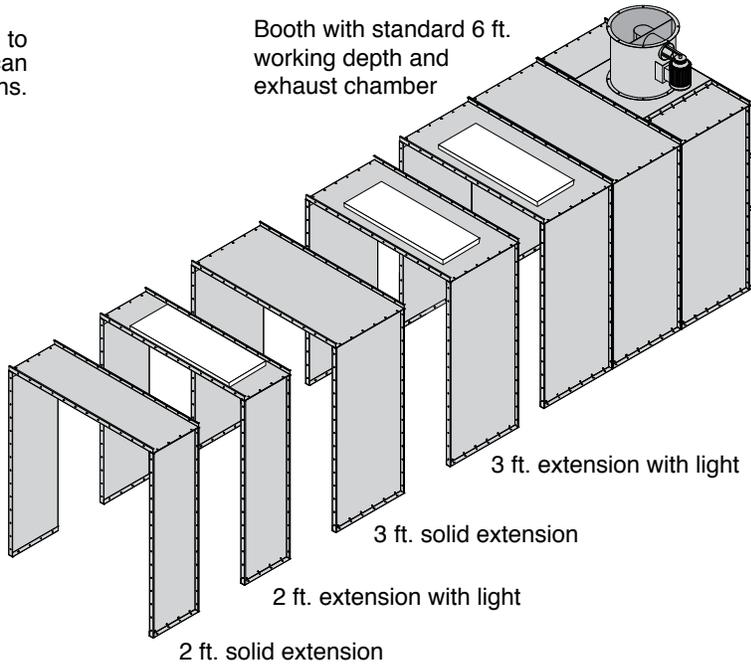
Options:

- Pre-coated white panels (structural components, exhaust and filter parts are galvanized)
- Appropriate structural reinforcements

Booth with standard 6 ft. working depth and exhaust chamber



Bench-Top booth



LARGE BOOTHS

| Model No. | Working Dimensions | | | Overall Dimensions | | | CFM 1/4" SP @ 125 FPM | FAN Dia. | HP | No. Filters | No. Lights | |
|-----------|--------------------|---|---|--------------------|---|---|-----------------------------|-------------|----|----------------|------------|------|
| | W | H | D | W | H | D | | | | | Stand. | Opt. |

12 Ft. Wide Booths

| | | | | | | | | | | | | |
|------------|-----|-----|-----|--------|---------|--------|-------|----|---|----|---|---|
| IFP-120706 | 12' | 7' | 6' | 12'-4" | 7'-10" | 10'-2" | 10500 | 34 | 2 | 28 | 2 | 4 |
| IFP-120709 | 12' | 7' | 9' | 12'-4" | 7'-10" | 13'-2" | 10500 | 34 | 2 | 28 | 2 | 4 |
| IFP-120712 | 12' | 7' | 12' | 12'-4" | 7'-10" | 16'-2" | 10500 | 34 | 2 | 28 | 4 | 8 |
| IFP-120806 | 12' | 8' | 6' | 12'-4" | 8'-10" | 10'-2" | 12000 | 34 | 3 | 28 | 2 | 4 |
| IFP-120809 | 12' | 8' | 9' | 12'-4" | 8'-10" | 13'-2" | 12000 | 34 | 3 | 28 | 2 | 4 |
| IFP-120812 | 12' | 8' | 12' | 12'-4" | 8'-10" | 16'-2" | 12000 | 34 | 3 | 28 | 4 | 8 |
| IFP-121006 | 12' | 10' | 6' | 12'-4" | 10'-10" | 10'-2" | 15000 | 34 | 5 | 35 | 2 | 4 |
| IFP-121009 | 12' | 10' | 9' | 12'-4" | 10'-10" | 13'-2" | 15000 | 34 | 5 | 35 | 2 | 4 |
| IFP-121012 | 12' | 10' | 12' | 12'-4" | 10'-10" | 16'-2" | 15000 | 34 | 5 | 35 | 4 | 8 |
| IFP-121206 | 12' | 12' | 6' | 12'-4" | 12'-10" | 10'-2" | 18000 | 40 | 5 | 49 | 2 | 4 |
| IFP-121209 | 12' | 12' | 9' | 12'-4" | 12'-10" | 13'-2" | 18000 | 40 | 5 | 49 | 2 | 4 |
| IFP-121212 | 12' | 12' | 12' | 12'-4" | 12'-10" | 16'-2" | 18000 | 40 | 5 | 49 | 4 | 8 |

14 Ft. Wide Booths

| | | | | | | | | | | | | |
|------------|-----|-----|-----|--------|---------|--------|-------|----|---|----|---|---|
| IFP-140706 | 14' | 7' | 6' | 14'-4" | 7'-10" | 10'-2" | 12250 | 34 | 2 | 32 | 2 | 4 |
| IFP-140709 | 14' | 7' | 9' | 14'-4" | 7'-10" | 13'-2" | 12250 | 34 | 2 | 32 | 2 | 4 |
| IFP-140712 | 14' | 7' | 12' | 14'-4" | 7'-10" | 16'-2" | 12250 | 34 | 2 | 32 | 4 | 8 |
| IFP-140806 | 14' | 8' | 6' | 14'-4" | 8'-10" | 10'-2" | 14000 | 34 | 3 | 32 | 2 | 4 |
| IFP-140809 | 14' | 8' | 9' | 14'-4" | 8'-10" | 13'-2" | 14000 | 34 | 3 | 32 | 2 | 4 |
| IFP-140812 | 14' | 8' | 12' | 14'-4" | 8'-10" | 16'-2" | 14000 | 34 | 3 | 32 | 4 | 8 |
| IFP-141006 | 14' | 10' | 6' | 14'-4" | 10'-10" | 10'-2" | 17500 | 40 | 5 | 40 | 2 | 4 |
| IFP-141009 | 14' | 10' | 9' | 14'-4" | 10'-10" | 13'-2" | 17500 | 40 | 5 | 40 | 2 | 4 |
| IFP-141012 | 14' | 10' | 12' | 14'-4" | 10'-10" | 16'-2" | 17500 | 40 | 5 | 40 | 4 | 8 |
| IFP-141206 | 14' | 12' | 6' | 14'-4" | 12'-10" | 10'-2" | 21000 | 40 | 5 | 56 | 2 | 4 |
| IFP-141209 | 14' | 12' | 9' | 14'-4" | 12'-10" | 13'-2" | 21000 | 40 | 5 | 56 | 2 | 4 |
| IFP-141212 | 14' | 12' | 12' | 14'-4" | 12'-10" | 16'-2" | 21000 | 40 | 5 | 56 | 4 | 8 |

16 Ft. Wide Booths

| | | | | | | | | | | | | |
|------------|-----|-----|-----|--------|---------|--------|-------|----|-----|----|---|---|
| IFP-160706 | 16' | 7' | 6' | 16'-4" | 7'-10" | 10'-2" | 14000 | 34 | 3 | 36 | 2 | 4 |
| IFP-160709 | 16' | 7' | 9' | 16'-4" | 7'-10" | 13'-2" | 14000 | 34 | 3 | 36 | 2 | 4 |
| IFP-160712 | 16' | 7' | 12' | 16'-4" | 7'-10" | 16'-2" | 14000 | 34 | 3 | 36 | 4 | 8 |
| IFP-160806 | 16' | 8' | 6' | 16'-4" | 8'-10" | 10'-2" | 16000 | 34 | 5 | 36 | 2 | 4 |
| IFP-160809 | 16' | 8' | 9' | 16'-4" | 8'-10" | 13'-2" | 16000 | 34 | 5 | 36 | 2 | 4 |
| IFP-160812 | 16' | 8' | 12' | 16'-4" | 8'-10" | 16'-2" | 16000 | 34 | 5 | 36 | 4 | 8 |
| IFP-161006 | 16' | 10' | 6' | 16'-4" | 10'-10" | 10'-2" | 20000 | 40 | 5 | 45 | 2 | 4 |
| IFP-161009 | 16' | 10' | 9' | 16'-4" | 10'-10" | 13'-2" | 20000 | 40 | 5 | 45 | 2 | 4 |
| IFP-161012 | 16' | 10' | 12' | 16'-4" | 10'-10" | 16'-2" | 20000 | 40 | 5 | 45 | 4 | 8 |
| IFP-161206 | 16' | 12' | 6' | 16'-4" | 12'-10" | 10'-2" | 24000 | 40 | 7.5 | 63 | 2 | 4 |
| IFP-161209 | 16' | 12' | 9' | 16'-4" | 12'-10" | 13'-2" | 24000 | 40 | 7.5 | 63 | 2 | 4 |
| IFP-161212 | 16' | 12' | 12' | 16'-4" | 12'-10" | 16'-2" | 24000 | 40 | 7.5 | 63 | 4 | 8 |

LARGE BOOTHS

| Model No. | Working Dimensions | | | Overall Dimensions | | | CFM 1/4" SP @ 125 FPM | FAN Dia. | HP | No. Filters | No. Lights | |
|-----------|--------------------|---|---|--------------------|---|---|-----------------------------|-------------|----|----------------|------------|------|
| | W | H | D | W | H | D | | | | | Stand | Opt. |

18 Ft. Wide Booths

| | | | | | | | | | | | | |
|------------|-----|-----|-----|--------|---------|--------|-------|----|---|----|---|----|
| IFP-180706 | 18' | 7' | 6' | 18'-4" | 7'-10" | 10'-2" | 15750 | 34 | 5 | 40 | 3 | 5 |
| IFP-180709 | 18' | 7' | 9' | 18'-4" | 7'-10" | 13'-2" | 15750 | 34 | 5 | 40 | 3 | 5 |
| IFP-180712 | 18' | 7' | 12' | 18'-4" | 7'-10" | 16'-2" | 15750 | 34 | 5 | 40 | 6 | 10 |
| IFP-180806 | 18' | 8' | 6' | 18'-4" | 8'-10" | 10'-2" | 18000 | 40 | 5 | 40 | 3 | 5 |
| IFP-180809 | 18' | 8' | 9' | 18'-4" | 8'-10" | 13'-2" | 18000 | 40 | 5 | 40 | 3 | 5 |
| IFP-180812 | 18' | 8' | 12' | 18'-4" | 8'-10" | 16'-2" | 18000 | 40 | 5 | 40 | 6 | 10 |
| IFP-181006 | 18' | 10' | 6' | 18'-4" | 10'-10" | 10'-2" | 22500 | 40 | 5 | 50 | 3 | 5 |
| IFP-181009 | 18' | 10' | 9' | 18'-4" | 10'-10" | 13'-2" | 22500 | 40 | 5 | 50 | 3 | 5 |
| IFP-181012 | 18' | 10' | 12' | 18'-4" | 10'-10" | 16'-2" | 22500 | 40 | 5 | 50 | 6 | 10 |
| IFP-181206 | 18' | 12' | 6' | 18'-4" | 12'-10" | 10'-2" | 27000 | 48 | 5 | 70 | 3 | 5 |
| IFP-181209 | 18' | 12' | 9' | 18'-4" | 12'-10" | 13'-2" | 27000 | 48 | 5 | 70 | 3 | 5 |
| IFP-181212 | 18' | 12' | 12' | 18'-4" | 12'-10" | 16'-2" | 27000 | 48 | 5 | 70 | 6 | 10 |

20 Ft. Wide Booths

| | | | | | | | | | | | | |
|------------|-----|-----|-----|--------|---------|--------|-------|----|-----|----|---|----|
| IFP-200706 | 20' | 7' | 6' | 20'-4" | 7'-10" | 10'-2" | 17500 | 40 | 5 | 44 | 4 | 6 |
| IFP-200709 | 20' | 7' | 9' | 20'-4" | 7'-10" | 13'-2" | 17500 | 40 | 5 | 44 | 4 | 6 |
| IFP-200712 | 20' | 7' | 12' | 20'-4" | 7'-10" | 16'-2" | 17500 | 40 | 5 | 44 | 8 | 12 |
| IFP-200806 | 20' | 8' | 6' | 20'-4" | 8'-10" | 10'-2" | 20000 | 40 | 5 | 44 | 4 | 6 |
| IFP-200809 | 20' | 8' | 9' | 20'-4" | 8'-10" | 13'-2" | 20000 | 40 | 5 | 44 | 4 | 6 |
| IFP-200812 | 20' | 8' | 12' | 20'-4" | 8'-10" | 16'-2" | 20000 | 40 | 5 | 44 | 8 | 12 |
| IFP-201006 | 20' | 10' | 6' | 20'-4" | 10'-10" | 10'-2" | 25000 | 40 | 7.5 | 55 | 4 | 6 |
| IFP-201009 | 20' | 10' | 9' | 20'-4" | 10'-10" | 13'-2" | 25000 | 40 | 7.5 | 55 | 4 | 6 |
| IFP-201012 | 20' | 10' | 12' | 20'-4" | 10'-10" | 16'-2" | 25000 | 40 | 7.5 | 55 | 8 | 12 |
| IFP-201206 | 20' | 12' | 6' | 20'-4" | 12'-10" | 10'-2" | 30000 | 48 | 7.5 | 77 | 4 | 6 |
| IFP-201209 | 20' | 12' | 9' | 20'-4" | 12'-10" | 13'-2" | 30000 | 48 | 7.5 | 77 | 4 | 6 |
| IFP-201212 | 20' | 12' | 12' | 20'-4" | 12'-10" | 16'-2" | 30000 | 48 | 7.5 | 77 | 8 | 12 |

ADDING WORK DEPTH

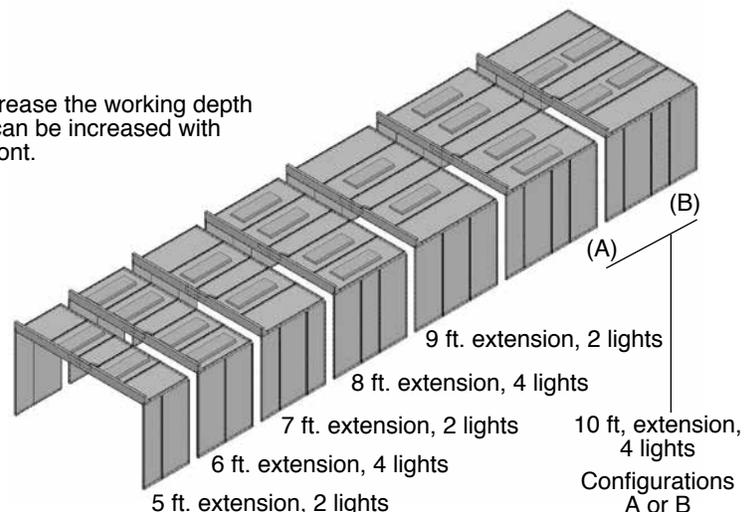
Standard Large Booths - 12, 14, 16, 18 & 20 Ft. wide

Working compartment extensions are specifically designed to increase the working depth of the paint booth. The working depth of large open face booths can be increased with extensions of 5, 6, 7, 8, 9 or 10 feet. Ceiling panels run back to front.

- 18-gauge, G-90 galvanized panel construction
- Appropriate structural reinforcements and assembly hardware included

Option:

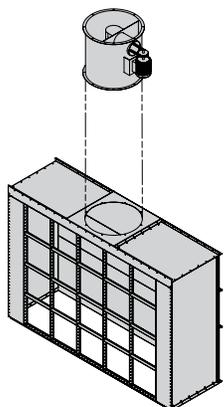
- Pre-coated white panels (structural components, exhaust and filter parts are galvanized)
- Standard large booth extensions have multiple light upgrade options:
 - 12 ft. -16 ft. wide = 2 or 4 lights
 - 18 ft. wide = 3 or 5 lights OR 6 or 10 lights
 - 20 ft. wide = 4 or 6 lights OR 8 or 12 lights



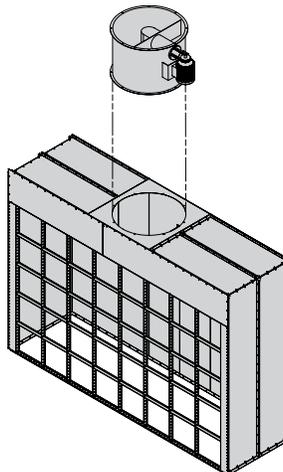
EXHAUST CHAMBERS (PEC MODELS)

For Small Booths:
6, 8, & 10 Ft. wide

For Large Booths:
12, 14, 16, 18, & 20 Ft. wide



| Model No. | CFM 1/4" SP @ 125FPM | Fan Dia. | HP | No. of Fil- ters |
|---------------------------|-------------------------------|-------------|----|------------------------|
| 6 Ft. Wide Booths | | | | |
| PEC-0607 | 5250 | 24 | 1 | 12 |
| PEC-0608 | 6000 | 24 | 2 | 12 |
| PEC-0610 | 7500 | 24 | 2 | 15 |
| PEC-0612 | 9000 | 30 | 3 | 21 |
| 8 Ft. Wide Booths | | | | |
| PEC-0807 | 7000 | 24 | 2 | 16 |
| PEC-0808 | 8000 | 30 | 2 | 16 |
| PEC-0810 | 10000 | 30 | 3 | 20 |
| PEC-0812 | 12000 | 30 | 5 | 28 |
| 10 Ft. Wide Booths | | | | |
| PEC-1007 | 8750 | 30 | 3 | 20 |
| PEC-1008 | 10000 | 30 | 3 | 20 |
| PEC-1010 | 12500 | 30 | 5 | 25 |
| PEC-1012 | 15000 | 34 | 5 | 35 |

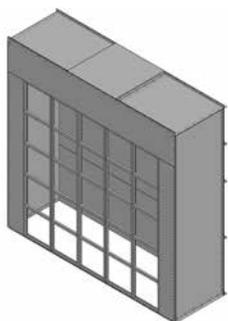


| Model No. | CFM 1/4" SP @ 125FPM | Fan Dia. | HP | No of Fil- ters |
|---------------------------|----------------------------|-------------|-----|--------------------|
| 12 Ft. Wide Booths | | | | |
| PEC-1207 | 10500 | 34 | 2 | 28 |
| PEC-1208 | 12000 | 34 | 3 | 28 |
| PEC-1210 | 15000 | 34 | 5 | 35 |
| PEC-1212 | 18000 | 40 | 5 | 49 |
| 14 Ft. Wide Booths | | | | |
| PEC-1407 | 12250 | 34 | 2 | 32 |
| PEC-1408 | 14000 | 34 | 3 | 32 |
| PEC-1410 | 17500 | 40 | 5 | 40 |
| PEC-1412 | 21000 | 40 | 5 | 56 |
| 16 Ft. Wide Booths | | | | |
| PEC-1607 | 14000 | 34 | 3 | 36 |
| PEC-1608 | 16000 | 34 | 5 | 36 |
| PEC-1610 | 20000 | 40 | 5 | 45 |
| PEC-1612 | 24000 | 40 | 7.5 | 63 |
| 18 Ft. Wide Booths | | | | |
| PEC-1807 | 15750 | 34 | 5 | 40 |
| PEC-1808 | 18000 | 40 | 5 | 40 |
| PEC-1810 | 22500 | 40 | 5 | 50 |
| PEC-1812 | 27000 | 48 | 5 | 70 |
| 20 Ft. Wide Booths | | | | |
| PEC-2007 | 17500 | 40 | 5 | 44 |
| PEC-2008 | 20000 | 40 | 5 | 44 |
| PEC-2010 | 25000 | 40 | 7.5 | 55 |
| PEC-2012 | 30000 | 48 | 7.5 | 77 |

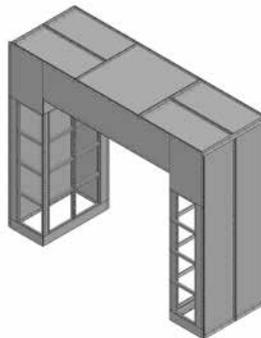
Fan Note: NFPA 33 requires that the motor and belt be placed outside of spray area. GFS recommends placement of fan assembly on roof of building if spraying flammable liquids.

INTAKE CHAMBERS

Used to enclose or supply air directly to open face booths for maximum in cleanliness or when heated air replacement is used.



Solid-Back Intake Chambers are used to supply replacement air to booths with conveyor openings or booths that use side access doors for product and/or personnel entry and exit.



Bridge Intake Chambers are used to supply air to booths with end product entry and exit doors. They may be used with solid entry doors to completely enclose the working area of the booth. When adding a bridge style chamber, door size will be 2 feet shorter than interior booth height and 4 feet narrower than interior booth width. An air replacement unit or intake fan can be included.

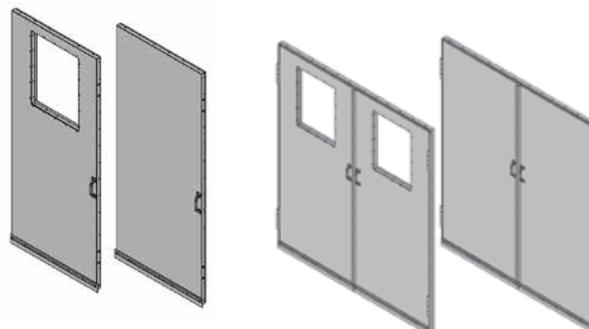
Note: Intake chambers require additional delivery time than the 7 business days for a standard Open Face booth.

PERSONNEL DOORS

- Universal access door - allows personnel or product access to the booth. Standard size: 3 foot wide by 7 foot high.
- Door can be installed for either right-hand or left-hand swing.
- Observation windows (18" x 24"), sealed windows allow viewing of operations. Clear tempered glass.
- Constructed of 18-gauge galvanized sheet steel.

Options:

- Solid Door (No Window)
- Double Personnel Door



PRODUCT DOORS

All enclosed booths require at least one exit with a maximum door width of four feet.

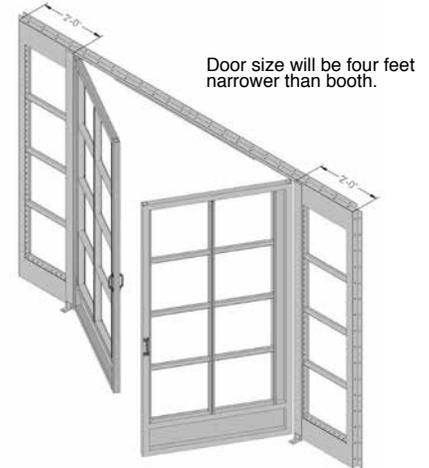
Filtered Doors

Filtered entry doors allow product entry and exit while filtering the input air. These doors attach directly to the front of the booth, add minimal depth to the booth, and are used with non-pressurized booths.

For Small Booths:
6, 8, & 10 Ft. wide



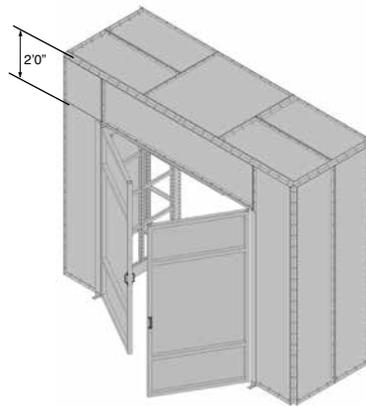
For Large Booths:
12, 14, 16, 18, & 20 Ft. wide



Note: Product doors require additional delivery time than the 7 business days for a standard Open Face booth.

Solid Doors

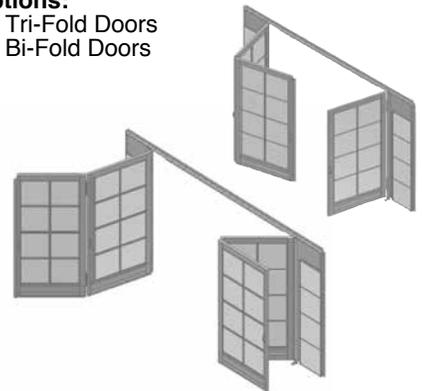
Solid entry doors are used with pressurized input plenums to enclose open face paint booths in pressurized applications. Door size will be 2 feet shorter than interior booth height and 4 feet narrower than interior booth width.



(Drawings are for illustration purposes only)

Options:

- Tri-Fold Doors
- Bi-Fold Doors



AIR REPLACEMENT UNITS

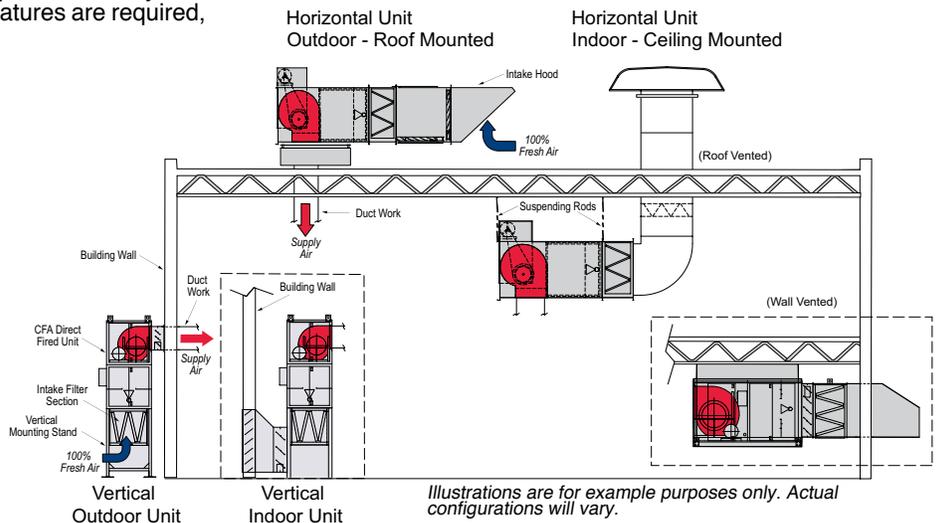
During paint spray operations, the paint booth's exhaust system removes significant quantities of plant air. A typical eight-by-ten-foot booth exhausts more than 8,000 cubic feet of air per minute. If replaced air is pulled directly from outside, this volume may be sufficient to cool the interior of the building and may adversely affect the quality of the coating.

GFS direct gas fired air replacement units are an economical source of replacement air. Air replacement units supply tempered and filtered air to the booth, minimizing temperature variations and removing particulates that compromise finish quality.

In pressurized booths, replacement air is dispersed directly into the paint booth plenum. When elevated temperatures are required, forced dry systems are available.

Mounting Options:

- Indoor/Outdoor vertical
- Indoor/Outdoor horizontal
- Platforms
- Ceiling suspended



Illustrations are for example purposes only. Actual configurations will vary.

Conveyor openings are available on floor models as a custom option. GFS is the leader in custom designed booths. Our engineers are capable of designing booths for any application. Please refer to the chart for recommended maximum openings.

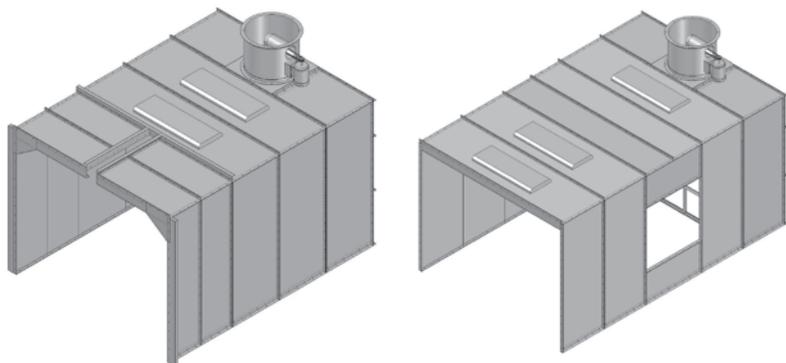


Illustration shows an example of a Crane Slot for Small Booths (6 ft. to 10 ft. wide), Consult GFS for openings for Large Booths (12 ft. wide or wider).

CUSTOM BOOTH INFORMATION

Providing the following information will help us assist you in developing a "Custom Booth".

- Size and Weight of largest product to be coated
- How do you move your product: Conveyor Rail Cart
- Provide pictures or sketches

Working Dimensions:

Height: _____ Width: _____ Depth: _____

Floor Space Available: Width: _____ Depth: _____

Ceiling Height: _____

Number of Lights: _____ Type: 4 tube 6 tube

Type of Intake Chamber: Solid Back Bridge

Product Doors: Filtered Solid Swing Tri-Fold Bi-Fold

Man Doors: Qty: _____

Observation Window: Height: _____ Width: _____

Opening Size: Crane Slot: _____ Conveyor Slot: _____

| Model No. | Working Dimensions (W x H x D) | | | Maximum Opening (Sq. Ft.) |
|-----------|-----------------------------------|--|--|---------------------------------|
|-----------|-----------------------------------|--|--|---------------------------------|

Small Booths

6 Ft. Wide Booths

| | | | | |
|------------|----|-----|----|----|
| IDB-060706 | 6' | 7' | 6' | 10 |
| IDB-060806 | 6' | 8' | 6' | 12 |
| IDB-061006 | 6' | 10' | 6' | 15 |
| IDB-061206 | 6' | 12' | 6' | 18 |

8 Ft. Wide Booths

| | | | | |
|------------|----|-----|----|----|
| IDB-080706 | 8' | 7' | 6' | 14 |
| IDB-080806 | 8' | 8' | 6' | 16 |
| IDB-081006 | 8' | 10' | 6' | 20 |
| IDB-081206 | 8' | 12' | 6' | 24 |

10 Ft. Wide Booths

| | | | | |
|------------|-----|-----|----|----|
| IDB-100706 | 10' | 7' | 6' | 16 |
| IDB-100806 | 10' | 8' | 6' | 19 |
| IDB-101006 | 10' | 10' | 6' | 23 |
| IDB-101206 | 10' | 12' | 6' | 29 |

Large Booths

12 Ft. Wide Booths

| | | | | |
|------------|-----|-----|----|----|
| IDB-120706 | 12' | 7' | 6' | 21 |
| IDB-120806 | 12' | 8' | 6' | 24 |
| IDB-121006 | 12' | 10' | 6' | 30 |
| IDB-121206 | 12' | 12' | 6' | 36 |

14 Ft. Wide Booths

| | | | | |
|------------|-----|-----|----|----|
| IDB-140706 | 14' | 7' | 6' | 24 |
| IDB-140806 | 14' | 8' | 6' | 28 |
| IDB-141006 | 14' | 10' | 6' | 35 |
| IDB-141206 | 14' | 12' | 6' | 42 |

16 Ft. Wide Booths

| | | | | |
|------------|-----|-----|----|----|
| IDB-160706 | 16' | 7' | 6' | 28 |
| IDB-160806 | 16' | 8' | 6' | 32 |
| IDB-161006 | 16' | 10' | 6' | 40 |
| IDB-161206 | 16' | 12' | 6' | 48 |

18 Ft. Wide Booths

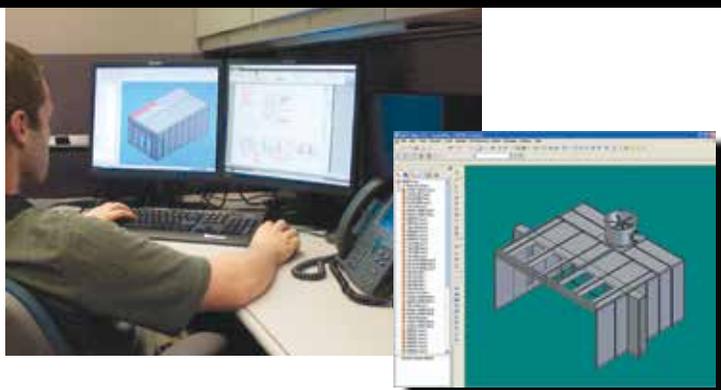
| | | | | |
|------------|-----|-----|----|----|
| IDB-180706 | 18' | 7' | 6' | 31 |
| IDB-180806 | 18' | 8' | 6' | 36 |
| IDB-181006 | 18' | 10' | 6' | 45 |
| IDB-181206 | 18' | 12' | 6' | 54 |

20 Ft. Wide Booths

| | | | | |
|------------|-----|-----|----|----|
| IDB-200706 | 20' | 7' | 6' | 35 |
| IDB-200806 | 20' | 8' | 6' | 40 |
| IDB-201006 | 20' | 10' | 6' | 50 |
| IDB-201206 | 20' | 12' | 6' | 60 |

CUSTOM EXPERTISE

An experienced engineering team provides pre-contract, mechanical, electrical, AutoCAD, PLC and programming functions on custom and standard equipment orders. Continuous improvement of standard products, development of heat transfer processes, implementation of state-of-the-art controls and materials specifications means that our customers will receive a safe, reliable, quality product.



APPROVED REPLACEMENT PARTS & FILTERS



GFS offers a full line of replacement parts, filters and paint booth accessories. Great emphasis is placed on engineering and workmanship so that you receive the best products at competitive prices. We supply parts and filters for all of our current and legacy products, as well as products from other manufacturers.

- Control Panels
- Doors
- Ductwork
- Electrical Components
- Fans
- Filters
- Filter Racks
- Grates and Pans
- Hardware
- Insulation
- Lighting
- Motors
- Oven Components
- Spray Booth Accessories
- Replacement Panels
- Other Miscellaneous Parts



FILTERS

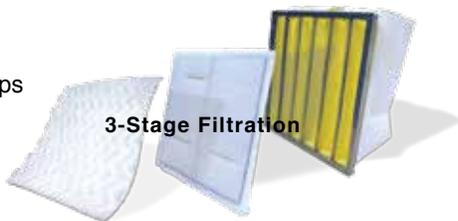
GFS paint booths are furnished with a complete set of GFS Wave exhaust filters. Replacement filters can be ordered from GFS to keep your booth operating in peak condition.

The most versatile single-stage paint booth filters, GFS Wave filters accommodate all paints and a wide array of spray applications. Lab testing indicates a 99.85% particulate removal efficiency, and field testing boasts excellent performance and reliability.

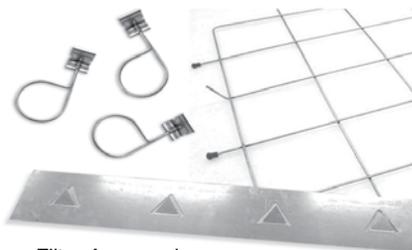


Options:

- 3-stage NESHAP system, chromate removal
- Roll media
- Filter hooks
- Intake frames
- Filter grids and grid tips



3-Stage Filtration



Filter Accessories

LIGHTS

GFS manufactures all standard light fixtures in our Osseo, Wisconsin facility. Replacement light fixtures and/or tubes for your paint booth can be purchased from GFS.

In addition to our standard 4-tube fluorescent light fixtures, GFS offers additional light fixtures, including:

- 6-tube light fixtures
- 3-foot fixtures
- Rear-access light fixtures
- Explosion-proof light fixtures (fluorescent or incandescent)
- Corner light fixtures

3 ft. Fixture



Explosion-Proof Fixture



Incandescent Fixtures



ELECTRONIC COMPONENTS AND CONTROL PACKAGES

| | 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 | 242-014A |
|  | CL 1, Div. 1 Explosion Proof Switch | CL 1, Div. 2 Standard Switch |

| | | |
|---------------------------------|--------|---|
| Air Proving Switch - Kit | KIT-AP | Automatic pressure switch measures air pressure at the exhaust chamber. Recommended for use with Safety Air Valve. Kit includes Air Pressure Switch and Tube Kit |
|---------------------------------|--------|---|



| | Part No. | Description |
|-------------------------------|----------|--|
| 3-Way Safety Air Valve | 242-124 | 3/4" Ports 3-port, 2-position air valve prevents spraying with air-assist systems when light lens is open or exhaust fan 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 3-port, 2-position air valve prevents spraying with air-assist systems when light lens is open or exhaust fan is off. Compressed air between valve and spray equipment is vented out when exhaust is shut off. 120 Volt coil. |
|--|---------|--|



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 |
|  | 600-008 | 1/2" safety valve |
| | 600-004 | 3/4" safety valve |
| | 600-007 | Standard System w/Alarm |
| | 600-005 | 1/2" safety valve |
| | 600-005 | 3/4" safety valve |
| | 600-005 | Explosion Proof System |
| | 600-035 | 1/2" safety valve |

| | | |
|--|---------|--|
| | 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. |
|---------------------|---------|--|



| | | |
|--|--|---|
| | | Control Packages: Includes fused disconnect with fuses, magnetic motor starter with overloads & 120 volt control coil, push button motor starter, 1/2" air solenoid valve with 120 volt coil, and 120 or 277 volt light switch. Some booths may require multiple control packages based on the fan configuration. |
|--|--|---|



CONTROLS

S = Standard Feature
◆ = Optional Feature

Notes:
 • 6-light maximum capacity for standard panels
 • 480 Volt systems with suffix - 4 use 277 Volt for light fixtures
 • 230/208 Volt systems use 110 Volt for light fixtures
 Not recommended for spray booths with air make-up units or air balancing systems.

| | 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 | | | | | | | | ◆ | S | ◆ | ◆ | | S | | | |
| Standard Control Panel w/ Power Saver feature | | 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 Control Panel
 Prewired, standard control panel features single-point connection for quick and easy wiring with NEMA rated enclosure.



Deluxe Control Panels
 Are for special applications such as booths with air makeup units, multiple booth operations or booths with automatic air balancing systems. Each control panel is designed for a single point wiring connection. All control wires are numbered for easy wire identification. All components are labeled to match electrical schematic. Includes terminal strip for field wiring.

For Non Pressurized Spray Booths



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

Can reduce airflow 50% 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.



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 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.

Can reduce airflow 50% 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.



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.

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-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" |

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 |
|-------------|-------------|----------|
| 45° | 90° | |
| 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" |

PLAIN EXHAUST DUCT



Straight, three-foot-long section, with one end corrugated for easy installation. Duct can be

ordered with a removable access door (CO) used for inspection and cleaning. All sizes are constructed from galvanized steel. Requires some assembly.

| Part No. | Diameter |
|--------------|----------|
| 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" |

STANDARD SPIRAL DUCT

Available in four or eight foot lengths. All sizes are constructed from galvanized steel. Will require connector rings on each end.



| Part No. | Diameter |
|------------|----------|
| 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" |

EXHAUST STACK KITS

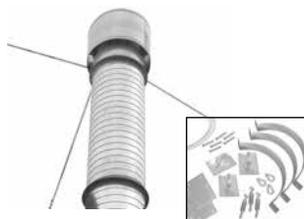


Exhaust Stack Kits include three 3-foot plain exhaust duct sections, one 3-foot universal stack with access door and one roof ventilator.

| Part No. | Diameter |
|-----------|----------|
| 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" |
| DU-STK-48 | 48" |

GUY WIRE KITS

Includes 50 feet of 1/8" 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-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" |

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 |
|----------|----------|
| 409-112 | 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" |

ROOF FLANGES

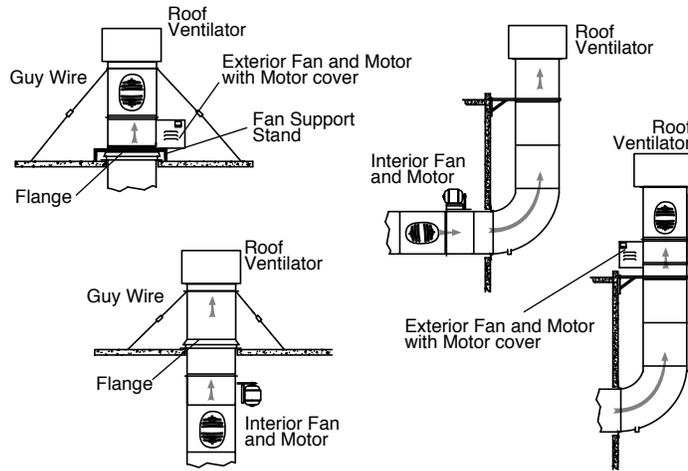
Not recommended for corrugated metal roofs. GFS recommends a custom curb on a roof pitch that exceeds 4" on 12; specify pitch when ordering.



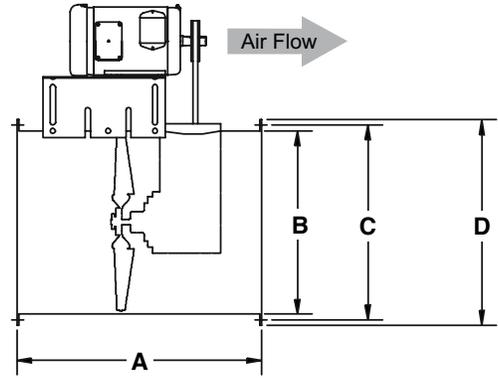
| Part No. | Part No. | Diameter |
|--------------|------------------|----------|
| Flat | Pitched | |
| DU-FRF-12-WC | DU-PRF-12-___-WC | 12" |
| DU-FRF-18-WC | DU-PRF-18-___-WC | 18" |
| DU-FRF-24-WC | DU-PRF-24-___-WC | 24" |
| DU-FRF-30-WC | DU-PRF-30-___-WC | 30" |
| DU-FRF-34-WC | DU-PRF-34-___-WC | 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" |

INSTALLATION

Different components are used to make up the systems shown. The diagrams below illustrate how the different components are used to make up the several systems. All motor and fan locations must be decided before installation, to ensure proper hardware is equipped with the booth. For unusual applications, consult GFS for recommendations.

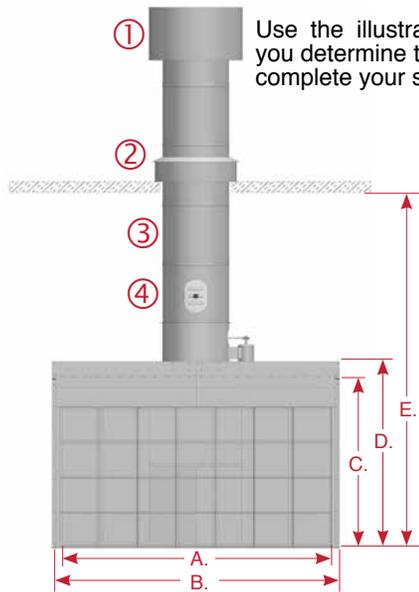


SIZES: 18", 24", 30, 34" & 40"



| 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" |

① Use the illustrations and charts to help you determine the components needed to complete your system.

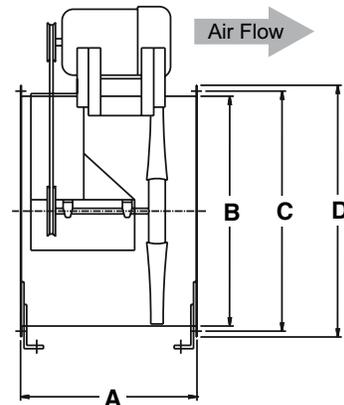


Note: Check with your local area inspector for code compliance. The stack should be cleaned periodically depending on usage. This will ensure efficient operation and lessen the danger of fire when combustible materials are used.

| Duct Work | Qty | Dia. |
|---|-----|------|
| ① Automatic Roof Ventilator | | |
| ② Roof Flange with Collar (Pitch: _____" on 12) | | |
| ③ Plain Exhaust Duct (36" length) | | |
| ④ Plain Exhaust Duct with Clean-Out Door (36" length) | | |

| Booth Measurements | Feet | Inches |
|-------------------------|------|--------|
| A. Working Width | | |
| B. Overall Booth Width | | |
| C. Working Height | | |
| D. Overall Booth Height | | |
| E. Roof Height | | |

SIZES: 12", 18", 24", 30", 36", 42" & 48"



| Model | A Ring to Ring | B Inside Dim. | C Mounting Bolt | D Outside Dim. |
|--------|-------------------|------------------|--------------------|-------------------|
| TAB-12 | 18" | 12.25 | 14.00 | 14.88 |
| TAB-18 | 22" | 18.38 | 19.75 | 21.63 |
| TAB-24 | 23" | 24.38 | 25.75 | 27.63 |
| TAB-30 | 24" | 30.38 | 32.00 | 33.63 |
| TAB-36 | 29" | 36.38 | 38.00 | 39.63 |
| TAB-42 | 30" | 42.50 | 44.25 | 45.75 |
| TAB-48 | 33" | 48.50 | 50.75 | 52.75 |



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