



# Global Finishing Solutions



## CONCEPT Spray Booths

- > **Downdraft**
  - > **Side-Downdraft**
  - > **Semi-Downdraft**
  - > **Crossdraft**
- Single-skin
  - White Pre-Coated
  - Rolled-Edge Panel
  - Hip-Lighted Ceiling

# Concept

## CONCEPT Spray Booths

The most versatile line of spray booths, CONCEPT spray booths are available in all four airflow models, multiple configurations, and with optional equipment designed to fit any shop, any size, anywhere.

With the CONCEPT spray booth line, you get your booth, your way, with no compromises. GFS incorporates exclusive technologies and innovative engineering into every CONCEPT booth for a single-skin spray booth with unequalled performance and quality.

## Rock-Solid Construction



CONCEPT booths owe their incredible strength and durability to GFS' exclusive Rolled-Edge panel design. This unique forming process yields exceptional torsional stability not found in any other single-skin paint booth line.

## Quality down to the nuts and bolts



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



## Energy-Efficient Lighting - ETL Listed

Inside-accessible, Electronic ballasts, T-8 color-corrected tubes



4-tube Light Fixture  
- Standard energy-efficient fixture in all CONCEPT models



6-tube Light Fixture  
- Optional in all CONCEPT models



Corner light option  
- Available in 4- or 6-tube models

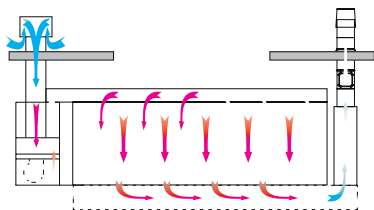


## High-performance Airflow

Integrated hip lights illuminate where you need it most, and the airflow through the T-Bar ceiling\* provides a protective envelope of moving air around the vehicle keeping overspray away from the painted surfaces.

\* Downdraft, Side-Downdraft, and Semi-Downdraft models only

## Downdraft High-Performance Paint Booth



Following in the tradition of one of the most popular booths ever, the Concept Downdraft raises the bar for single-skin downdraft spray booths. Featuring downdraft airflow, angled ceiling lights, and a high-efficiency heat system, the Concept Downdraft outperforms anything else in its class.

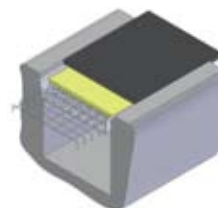
## Dimensions:

Internal - 14'w x 9'h x 24'l  
External - 14'4"w x 11'h x 24'4"l  
3-wing Entry Door - 9'8"w x 8' 8 3/4"h

- Full Downdraft airflow for spray and cure
- White pre-coated galvanized steel
- Rolled-edge panel construction
- Eight 4-tube hip-style light fixtures, 120/277V
- Four 4-tube sidewall light fixtures, 120/277V
- Light wiring harness and limit switch
- One personnel access door 32"w x 6'7"h
- Single row exhaust pit
- Booth pressure balancing gauge

BT1200RC Recirculating Heat Group  
Designed for indoor use

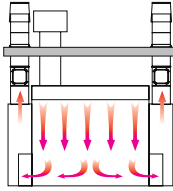
- 10 hp Direct-drive intake motor
- 7.5 hp Belt-drive exhaust motor
- 34" Tube-axial exhaust fan, 12,000 CFM
- 1.2 Million BTU direct-fire burner
- Auto pressure control
- CureTronic remote panel with SmartCure



Engineered pit design for optimum balance of airflow. Raised basement available for no-pit installs.

## Side-Downdraft

Downdraft airflow with no pit!



It's no secret that there are some body shops where you just can't install a pit for a downdraft booth. With no pit required, the Concept Side-Downdraft is a high-performance spray and cure solution without the need to excavate.

### Dimensions:

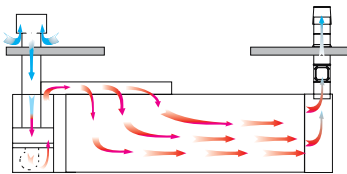
Internal - 14'w x 9'h x 24'l  
 External - 18'11"w x 11'h x 24'4"l  
 3-wing Entry Door - 9'8"w x 8' 8 3/4"h

- Downdraft side-exhaust airflow for spray and cure
- White pre-coated galvanized steel
- Rolled-edge panel construction
- Eight 4-tube hip-style light fixtures, 120/277V
- Three 4-tube sidewall light fixtures, 120/277V
- Light wiring harness and limit switch
- One personnel access door 32"w x 6'7"h
- (2) 24" tube-axial exhaust fans
- (2) 3 hp exhaust motors, 12,000 CFM
- Filter draft monitoring gauge
- Side exhaust plenums with high-efficiency filters
- Optional heat group and pressurizing plenum upgrades available



## Semi-Downdraft

Economical Paint Environment



The Concept Semi-Downdraft is an economical booth designed for body shops where installing a pit is not possible. Ease of operation and proven reliability makes this booth a great paint-and-cure environment.

### Dimensions:

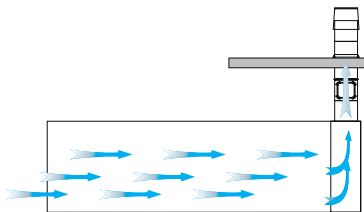
Internal - 14'w x 9'h x 24'l  
 External - 14'4"w x 11'h x 27'4"l  
 3-wing Entry Door - 9'8"w x 8' 8 3/4"h

- Semi-downdraft airflow for spray and cure
- White pre-coated galvanized steel
- Rolled-edge panel construction
- Eight 4-tube hip-style light fixtures, 120/277V
- Four 4-tube sidewall light fixtures, 120/277V
- Light wiring harness and limit switch
- One personnel access door 32"w x 6'7"h
- 34" tube-axial exhaust fan
- 5 hp exhaust motor, 12,000 CFM
- Filter draft monitoring gauge
- Rear exhaust box with high-efficiency filters
- Optional heat group and pressurizing plenum upgrades available



## Crossdraft

Proven airflow design



The Concept Crossdraft takes a popular and classic spray booth design and integrates energy-saving components to create a very economical paint-and-cure booth.

### Dimensions:

Internal - 14'w x 9'h x 24'l  
 External - 14'4"w x 9'6"h x 27'4"l  
 2-wing Entry Door - 9'8"w x 8' 8 3/4"h

- Crossdraft airflow for spray and cure
- White pre-coated galvanized steel
- Rolled-edge panel construction
- Twelve 4-tube sidewall light fixtures, 120/277V
- Light wiring harness and limit switch
- One personnel access door 32"w x 7'7"h
- 34" tube-axial exhaust fan
- 5 hp exhaust motor, 12,000 CFM
- Filter draft monitoring gauge
- Filtered entry doors with high-efficiency filters
- Rear exhaust box with high-efficiency filters
- Optional exhaust yoke



Shown with optional exhaust yoke

## CONCEPT Spray Booth Cabin Options

- Cabin extensions to 27' long, with or without lights
- Drive-Thru door packages
- 4-wing entry door upgrades - not including Crossdraft
- 2-row pit, 3-row pit, or raised basement exhaust
  - Downdraft only
- 4-tube or 6-tube corner lights
- Pressurizing plenum packages
  - Side-Downdraft and Semi-Downdraft models
- Exhaust yoke package
  - for Crossdraft
- Additional personnel access doors
- Paint mix rooms available in free-standing, attached, or vestibule designs
- Cabins designed to accept fire suppression systems



Concept Single-Skin Paint Mix Room

## BT1200 High-Efficiency Heat Groups



Designed for indoor use

- 10 hp Direct-drive intake motor
- 7.5 hp Belt-drive exhaust motor
- 34" Tube-axial exhaust fan
- 12,000 CFM
- 1.2 Million BTU direct-fire burner
- Auto pressure control

### CureTronic Control Panel



Easy-to-Use, fully-programmable PLC control panel with SmartCure allows custom 'Heat vs. Time' cure cycles. Standard with Downdraft, upgrade available with BT1200 Heat Group for other models

### BT1200-RC Recirculating

- Standard with Downdraft model

### BT1200-FD Forced-Dry

- Optional with Side-Downdraft and Semi-Downdraft models

## BT1200 Optional Equipment

- Non-heated units available
- 1.5 million BTU upgrade
- 15 hp intake motor upgrade
- Twin Variable Frequency Drive (VFD) packages
- Natural gas or propane fuel options
- Side, rear, or roof-mounted units available

## AdvanceCure Accelerated Airflow System - Optional in CONCEPT booths

The original productivity booster, only available from GFS. AdvanceCure is the solution for faster curing of waterborne and solvent-based coatings. The new GFS AdvanceCure system with improved airflow velocity and more powerful motors accelerates the airflow in the paint booth bringing the painted panels up to optimum curing temperature. This fast moving airflow also draws vapors out of the coating much faster, curing all types of coatings in less time.

- 4-tower or 6-tower configurations
- Sidewall towers (shown) or corner towers available
- Sidewall towers use 1/2 hp motors
- Corner towers use 1 hp motors
- Mix-and-match corner and sidewall towers. It's up to you!



## Code Compliance

• NFPA-33 Standard for spray application using flammable and combustible materials  
 • NFPA-86 Standard for ovens and furnaces  
 • NFPA-91 Standard for exhaust systems for a conveying of materials  
 • NFPA-101 Life Safety Code  
 • NFPA-70 National Electric Code  
 • OSHA Safety and Health Standards (29CFR 1910, 1910.107)  
 • BOCA National fire prevention code  
 • ICBO Uniform Fire Code Article 45  
 • SBCCI Standard Fire Prevention Code  
 • ICC International Building Code  
 • ICC International Fire Code Chapter 15. This booth has been reviewed and approved by:  
 • ETL Equipment Testing Laboratory approved cabins  
 • All light fixtures are ETL approved for hazardous locations. All light fixtures are accessible from the interior of the spray booth and conform to the provisions of N.F.P.A. 33. Electrical components, such as motors, motor starters, disconnect switches and push buttons, are listed or approved for the Class and Division in which they are located. Motors UL recognized PRGYZ, Marathon Electric file E49747 (or equal), Glass used in the spray booth is tempered and meets and exceeds ANSI Z-97.1 standard. Conformance to all these requirements is dependent upon the manner in which the equipment is installed. The contractor will make certain that all of the electrical wiring and conduit, piping, gas supply, roof penetrations, automatic fire protection systems, and the location of the equipment within the building also conforms to the cited codes and other references. Fire suppression system is NOT included with the standard booth but is required by NFPA-33.

Consult your Global Finishing Solutions sales representative for details of required installation, concrete pit, electrical wiring, conduit, air piping, roof penetrations and automatic fire suppression. The equipment installation location should be reviewed and approved by the local authorities having jurisdiction. All designs, specifications and components are subject to change at the manufacturer's sole discretion at any time without notice. Data published herein is informational in nature and shall not be construed to warrant suitability of the unit for any particular purpose as performance may vary with the conditions encountered.



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