



GLOBAL FINISHING SOLUTIONS

# AUTO REFINISH

Product Catalog



# Global Finishing Solutions

THE WORLD LEADER IN PAINT BOOTH TECHNOLOGY



With over 130 years of history, Global Finishing Solutions' (GFS) beginnings go back further than any other manufacturer of paint booth environments. GFS' success comes from the merging of North America's most significant finishing equipment manufacturers, including Binks, DeVilbiss and JBI.

Privately owned by the Curran Group, GFS is in a position of great strength and continually invests in expanding our capabilities.



## A FULL-SERVICE MANUFACTURER

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 capacity and talent to build our booths from scratch. Virtually every part of our product line is built in our shop, including the cabins, control panels, ductwork, and lights.





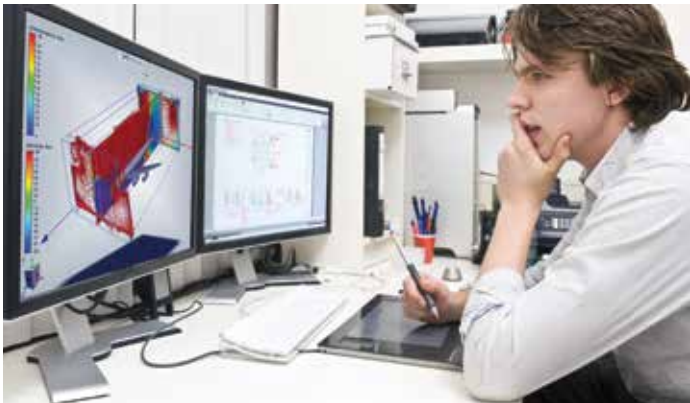
**FROM 9 SQ. FT. TO 170,000 SQ. FT – GFS DOES IT ALL!**

GFS designs paint booths of all sizes— from small bench booths to massive aviation spray booths. The strength and quality of GFS products comes from precision structural engineering and continual product development.



**INNOVATION AND CONTINUOUS IMPROVEMENT**

Our in-house design and engineering team consists of electrical engineers, software developers, structural engineers, airflow specialists, code compliance specialists and systems designers. This experienced team provides pre-contract, mechanical, electrical, AutoCAD, PLC and programming functions on custom and standard equipment orders. GFS staffs professional engineers, with the resources to provide stamped drawing in all 50 U.S. states and Canada.



GFS is continually improving our standard products, and working to develop new and innovative products to meet the changing needs of our customers. A dedicated research and development area allows our engineers to build and test the latest technologies for the paint finishing industry.

New advanced software allows us to simulate booth airflow performance. We can provide customers with a preview of how well the booth will perform.



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# Paint Booths

## ADVANCING GFS' PAINT BOOTH LINES

### ULTRA® PAINT BOOTHS

Premium • Versatile • High Productivity



#### Full-Width Plenum

The 14-foot wide, 2-foot high plenum provides superior airflow throughout the booth and allows for GFS' exclusive Controlled Airflow (CAF) ceiling.

### ULTRA XPI

Premium, fully loaded, dual-skin downdraft booth with CAF ceiling, floor track leveling, 6-tube light fixtures, 2-row pit, ECO package, best-in-class heater, Logic 4 control panel and integrated AdvanceCure® Blade system

### ULTRA XC

Premium, dual-skin downdraft booth with GFS' exclusive CAF ceiling, floor track leveling and 6-tube light fixtures for superior airflow and lighting

### ULTRA XD

Deluxe, dual-skin downdraft or semi-downdraft booth with HPAC ceiling, floor track leveling, 4-tube light fixtures and choice of high-efficiency heat systems

### ULTRA XS

Deluxe, single-skin booth available in multiple airflow configurations with HPAC ceiling, floor track leveling, 4-tube light fixtures and choice of high-efficiency heat systems

### PERFORMER PAINT BOOTHS

Quality • Affordable • Reliable



#### Industry Standard Plenum

The 10-foot wide, 2-foot high plenum provides sufficient airflow throughout the booth

### PERFORMER XPI

Standard, fully loaded, dual-skin downdraft booth with HPAC ceiling, floor track leveling, 6-tube light fixtures, 2-row pit, ECO package, best-in-class heater, Logic 3 control panel and integrated AdvanceCure® Blade system

### PERFORMER XD

GFS' best-selling, standard, dual-skin downdraft or semi-downdraft booth with HPAC ceiling and 4-tube light fixtures

### PERFORMER ES

Our most affordable, economy, single-skin semi-downdraft or crossdraft booth available in non-pressurized, pressurized or fully heated models

# Ultra® XP1

Best in class, the GFS Ultra® XP1 booth exceeds industry standards on premium spray booths. Incorporated into this booth is virtually every feature that sets GFS booths apart from the rest.

Ultra® XP1 includes premium lighting, airflow, ceiling design and construction, as well as 'ECO' and waterborne friendly features. No other booth can match the levels of production capability, fuel and energy efficiency, contamination control and ease of operation.



### Minimize Cost to Maximize Profits

**ECO** package reduces operating costs by incorporating energy-saving technologies.

## DIMENSIONS & FEATURES BY BOOTH MODEL:

Airflow	Length	Heat System	Internal Dimensions	External Dimensions	6-Tube Ceiling Lights	6-Tube Sidewall Lights	Dual-Row Pit Length
Downdraft	27'	GUL	14' w x 9' h x 27' l	14'5" w x 11' h x 27'5" l	8	6	24'
	30'	GUL	14' w x 9' h x 30' l	14'5" w x 11' h x 30'5" l	10	6	27'

## STANDARD FEATURES:

### Airflow

- Full downdraft airflow for spray and cure
- Controlled airflow (CAF) ceiling
- Fully integrated AdvanceCure® Blade accelerated airflow system
- 90/10 air recirculation during cure cycle

### Construction

- White pre-coated galvanized steel
- Dual-skin insulated panels
- Floor track leveling
- Full 14-foot-wide, 2-foot-high plenum

### Doors

- 4-wing entry door with 4 observation windows (10' 8" w x 8' 10" h)
- Personnel door with observation window

### Upgraded Heater

- Dual VFD
- 15-hp intake and exhaust motors
- 1.5 MBTU direct-fire burner

### Controls

- LOGIC 4 control panel

## BOOTH OPTIONS:

- 3-row pit upgrade
- Booth basement
- Drive-thru configuration
- Sidewall observation window
- LED light fixtures



# Ultra<sup>®</sup> XC

Renowned in the industry and sought after by hundreds of shops worldwide, the Ultra<sup>®</sup> XC defines what a premium paint booth really means. Ultra<sup>®</sup>XC booths deliver top-quality finishes, unequaled contamination control, superior lighting, intuitive controls and energy efficiency with the included ECO package.

The Ultra<sup>®</sup> XC booth was the first in the world to feature GFS' exclusive Controlled Airflow ceiling design, incorporating angled lights for better illumination, and separate airflow zones on the sides of the booth to improve overspray removal.



### Minimize Cost to Maximize Profits

**ECO** package reduces operating costs by incorporating energy-saving technologies.

## DIMENSIONS & FEATURES BY BOOTH MODEL:

Airflow	Length	Heat System	Internal Dimensions	External Dimensions	6-Tube Ceiling Lights	6-Tube Sidewall Lights	Single-Row Pit Length
Downdraft	24'	GUL or BTRC	14' w x 9' h x 24' l	14' 5" w x 11' h x 24' 5" l	6	4	21'
	24'	SpaceSaver*	14' w x 9' h x 24' l	15' 3.5" w x 13' 8.75" h x 24' 5" l	6	4	21'
	27'	GUL or BTRC	14' w x 9' h x 27' l	14' 5" w x 11' h x 27' 5" l	8	6	24'
	27'	SpaceSaver*	14' w x 9' h x 27' l	15' 3.5" w x 13' 8.75" h x 27' 5" l	8	6	24'
	30'	GUL or BTRC	14' w x 9' h x 30' l	14' 5" w x 11' h x 30' 5" l	8	6	27'
	30'	SpaceSaver*	14' w x 9' h x 30' l	15' 3.5" w x 13' 8.75" h x 30' 5" l	8	6	27'

\* SpaceSaver<sup>®</sup> dimensions include the heater

## STANDARD FEATURES:

### Airflow

- Full downdraft airflow for spray and cure
- Controlled airflow (CAF) ceiling
- 90/10 air recirculation during cure cycle

### Construction

- White pre-coated galvanized steel
- Dual-skin insulated panels
- Floor track leveling
- Full 14-foot-wide, 2-foot-high plenum

### Doors

- 4-wing entry door with 4 observation windows (10' 8" w x 8' 10" h)
- Personnel door with observation window

### Controls

- LOGIC 3 control panel (GUL2000 heater)
- Engage control panel (BT1200 or SpaceSaver<sup>®</sup> heater)

## BOOTH OPTIONS:

- 2 or 3-row pit
- Booth basement
- AdvanceCure<sup>®</sup>
- Drive-thru configuration
- Additional 6-tube sidewall light fixtures
- 6-tube corner light fixtures
- LED light fixtures
- Sidewall observation window
- Control panel upgrade



For shops looking for a reliable, easy-to-use paint booth that provides versatility and energy savings, the Ultra<sup>®</sup> XD spray booth answers the call.

Dual-skin insulated construction, full downdraft or semi-downdraft airflow, superior lighting and a choice of high-efficiency heat systems give the Ultra<sup>®</sup> XD the ability to fit any shop's standards.



## DIMENSIONS & FEATURES BY BOOTH MODEL:

Airflow	Length	Heat System	Internal Dimensions	External Dimensions	4-Tube Hip Lights	4-Tube Sidewall Lights	Single-Row Pit Length
Downdraft	24'	BTRC or GUL	14' w x 9' h x 24' l	14' 5" w x 11' h x 24' 5" l	6	4	21'
	24'	SpaceSaver *	14' w x 9' h x 24' l	15' 3.5" w x 13' 8.75" h x 24' 5" l	8	4	21'
	27'	BTRC or GUL	14' w x 9' h x 27' l	14' 5" w x 11' h x 27' 5" l	8	4	24'
	27'	SpaceSaver *	14' w x 9' h x 27' l	15' 3.5" w x 13' 8.75" h x 27' 5" l	8	4	24'
	30'	BTRC or GUL	14' w x 9' h x 30' l	14' 5" w x 11' h x 30' 5" l	10	6	27'
	30'	SpaceSaver *	14' w x 9' h x 30' l	15' 3.5" w x 13' 8.75" h x 30' 5" l	8	4	27'
Semi-Downdraft	27'	BTFD	14' w x 9' h x 27' l	14' 5" w x 11' h x 27' 5" l	8	4	No Pit
	27'	SpaceSaver *	14' w x 9' h x 27' l	15' 3.5" w x 11' 8.5" h x 27' 5" l	8	4	No Pit
	30'	BTFD	14' w x 9' h x 30' l	14' 5" w x 11' h x 30' 5" l	8	6	No Pit
	30'	SpaceSaver *	14' w x 9' h x 30' l	15' 3.5" w x 11' 8.5" h x 30' 5" l	8	6	No Pit

\* SpaceSaver<sup>®</sup> dimensions include the heater

## STANDARD FEATURES:

### Airflow

- High-performance airflow ceiling (HPAC)

### Construction

- White pre-coated galvanized steel
- Dual-skin insulated panels
- Floor track leveling
- Full 14-foot wide, 2-foot high plenum
- Exhaust yoke (Semi-Downdraft)

### Doors

- 3-wing entry door with 3 observations windows (9' 8" w x 8' 8.75" h)
- Personnel access door with observation window

### Controls

- LOGIC 3 control panel (GUL2000 heater)
- Engage control panel (BT1200 or SpaceSaver<sup>®</sup> heater)

## BOOTH OPTIONS:

- 2 or 3-row pit (downdraft only)
- Booth basement (downdraft only)
- AdvanceCure<sup>®</sup>
- Drive-thru configuration
- Upgrade to 6-tube light fixtures and 4-door frontal
- Additional 4 or 6-tube sidewall light fixtures
- 4 or 6-tube corner light fixtures
- LED light fixtures
- Sidewall observation window
- Control panel upgrade
- Controlled airflow (CAF) ceiling
- ECO package
- Exhaust chamber (adds 3 ft. to exterior length) in lieu of exhaust yoke





# Ultra<sup>®</sup> XS

With all the performance and features of a top-end paint booth, the Ultra<sup>®</sup> XS raises the bar for single-skin paint booth designs. Available with multiple airflow designs, additional options and size configurations, Ultra<sup>®</sup> XS is sure to suit the needs of any shop.



## DIMENSIONS & FEATURES BY BOOTH MODEL:

Airflow	Length	Heat System	Internal Dimensions	External Dimensions	4-Tube Hip Lights	4-Tube Sidewall Lights	Single-Row Pit Length
Downdraft	24'	BTRC or GUL	14' w x 9' h x 24' l	14' 5" w x 11' h x 24' 5" l	6	4	21'
	24'	SpaceSaver *	14' w x 9' h x 24' l	15' 3.5" w x 13' 8.75" h x 24' 5" l	6	4	21'
	27'	BTRC or GUL	14' w x 9' h x 27' l	14' 5" w x 11' h x 27' 5" l	8	4	24'
	27'	SpaceSaver *	14' w x 9' h x 27' l	15' 3.5" w x 13' 8.75" h x 27' 5" l	8	4	24'
	30'	BTRC or GUL	14' w x 9' h x 30' l	14' 5" w x 11' h x 30' 5" l	10	4	27'
	30'	SpaceSaver *	14' w x 9' h x 30' l	15' 3.5" w x 13' 8.75" h x 30' 5" l	6	4	27'
Side Downdraft	24'	BTFD	14' w x 9' h x 24' l	18' 11" w x 11' 2" h x 24' 4" l	8	4	No Pit
	27'	BTFD	14' w x 9' h x 27' l	18' 11" w x 11' 2" h x 27' 4" l	8	4	No Pit
	30'	BTFD	14' w x 9' h x 30' l	18' 11" w x 11' 2" h x 30' 4" l	8	4	No Pit
Semi-Downdraft	24'	BTFD	14' w x 9' h x 24' l	14' 5" w x 11' h x 24' 5" l	6	4	No Pit
	27'	BTFD	14' w x 9' h x 27' l	14' 5" w x 11' h x 27' 5" l	8	4	No Pit
	27'	SpaceSaver *	14' w x 9' h x 27' l	15' 3.5" w x 11' 8.5" h x 27' 5" l	8	4	No Pit
	30'	BTFD	14' w x 9' h x 30' l	14' 5" w x 11' h x 30' 5" l	8	6	No Pit
	30'	SpaceSaver *	14' w x 9' h x 30' l	15' 3.5" w x 11' 8.5" h x 30' 5" l	8	4	No Pit

\* SpaceSaver<sup>®</sup> dimensions include the heater

### STANDARD FEATURES:

#### Airflow

- High-performance airflow ceiling (HPAC)

#### Construction

- White pre-coated galvanized steel
- Single-skin panels
- Floor track leveling
- Full 14-foot wide, 2-foot high plenum
- Exhaust yoke (Semi-Downdraft)

#### Doors

- 3-wing entry door with 3 observations windows (9' 8" w x 8' 8.75" h)
- Personnel access door with observation window

#### Controls

- LOGIC 3 control panel (GUL2000 heater)
- Engage control panel (BT1200 or SpaceSaver<sup>®</sup> heater)

### BOOTH OPTIONS:

- 2 or 3-row pit (downdraft only)
- Booth basement (downdraft only)
- AdvanceCure<sup>®</sup>
- Drive-thru configuration
- Upgrade to 6-tube light fixtures and 4-door frontal
- Additional 4 or 6-tube sidewall light fixtures
- 4 or 6-tube corner light fixtures
- LED light fixtures
- Sidewall observation window
- Control panel upgrade
- Controlled airflow (CAF) ceiling
- ECO package
- Exhaust chamber (adds 3 ft. to exterior length) in lieu of exhaust yoke

# Auto Truck Pro

The Ultra® Auto Truck Pro (ATP) paint booth line offers the quality and performance of our premium automotive booth line, but in a larger profile to accommodate commercial vehicles, trucks and larger vans. We offer three models of Ultra® ATP booths to accommodate the needs of all types of shops.

## ULTRA® XC ATP – DUAL-SKIN

The Ultra® XC ATP is GFS’ top-of-the-line truck paint booth. Featuring our exclusive controlled airflow ceiling, the Ultra® XC ATP delivers top-quality finishes, unequaled contamination control and superior shadow-free lighting.



### DIMENSIONS & FEATURES BY BOOTH MODEL:

Airflow	Length	Heat System	Internal Dimensions	External Dimensions	6-Tube Ceiling Lights	6-Tube Sidewall Lights	Single-Row Pit Length
Downdraft	27'	GUL	14' w x 12' h x 27' l	14'5" w x 14' h x 27' 5" l	8	6	24'
	30'	GUL	14' w x 12' h x 30' l	14'5" w x 14' h x 30' 5" l	10	6	27'
	33'	High Capacity	14' w x 12' h x 33' l	14'5" w x 14' h x 33' 5" l	10	8	30'
	36'	High Capacity	14' w x 12' h x 36' l	14'5" w x 14' h x 36' 5" l	12	8	33'

### STANDARD FEATURES:

#### Airflow

- Full downdraft airflow for spray and cure
- Controlled airflow (CAF) ceiling
- 90/10 air recirculation during cure cycle

#### Construction

- White pre-coated galvanized steel
- Dual-skin insulated panels
- Solid back configuration
- Floor track leveling
- Full 14-foot wide, 2-foot high plenum

#### Doors

- 4-wing entry door with 4 observations windows (10' 8" x 11' 10")
- Personnel access door with observation window
- Wiper seal in lieu of standard threshold

#### Controls

- LOGIC 3 control panel (GUL2000 heater)
- Engage control panel (High capacity direct fire heater)

### BOOTH OPTIONS:

- 2 or 3-row pit upgrade
- Booth basement
- AdvanceCure®
- Drive-thru configuration
- Additional 6-tube sidewall light fixtures
- 6-tube corner light fixtures
- LED light fixtures
- Sidewall observation window
- Control panel upgrade
- ECO package

# Auto Truck Pro

## ULTRA® XD ATP – DUAL-SKIN

With dual-skin construction, high-performance downdraft airflow and excellent lighting, the Ultra® XD ATP is the ideal solution for shops looking for a quality, reliable truck paint booth.

### DIMENSIONS & FEATURES BY BOOTH MODEL:

Airflow	Length	Heat System	Internal Dimensions	External Dimensions	4-Tube Hip Lights	4-Tube Sidewall Lights	Single-Row Pit Length
Downdraft	27'	BTRC	14' w x 12' h x 27' l	14'5" w x 14' h x 27' 5" l	8	6	24'
	30'	BTRC	14' w x 12' h x 30' l	14'5" w x 14' h x 30' 5" l	10	6	27'

### STANDARD FEATURES:

#### Airflow

- High-performance airflow ceiling (HPAC)

#### Construction

- White pre-coated galvanized steel
- Dual-skin insulated panels
- Solid back configuration
- Floor track leveling
- Full 14-foot wide, 2-foot high plenum

#### Doors

- 4-wing entry door with 4 observations windows
- Personnel access door with observation window

#### Controls

- Engage control panel

### BOOTH OPTIONS:

- 2 or 3-row pit upgrade
- Booth basement
- AdvanceCure®
- Drive-thru configuration
- Upgrade to 6-tube light fixtures
- Additional 4 or 6-tube sidewall light fixtures
- 4 or 6-tube corner light fixtures
- LED light fixtures
- Control panel upgrade
- Controlled airflow (CAF) ceiling
- ECO package

## ULTRA® XS ATP – SINGLE-SKIN

The Ultra® XS ATP offers the performance and features of a top-end paint booth, but with standard, single-skin construction. The full-width plenum on our Ultra® paint booths allows for superior airflow throughout the booth.

### DIMENSIONS & FEATURES BY BOOTH MODEL:

Airflow	Length	Heat System	Internal Dimensions	External Dimensions	4-Tube Hip Lights	4-Tube Sidewall Lights	Single-Row Pit Length
Downdraft	27'	BTRC	14' w x 12' h x 27' l	14'5" w x 14' h x 27' 5" l	8	6	24'
	30'	BTRC	14' w x 12' h x 30' l	14'5" w x 14' h x 30' 5" l	10	6	27'

### STANDARD FEATURES:

#### Airflow

- High-performance airflow ceiling (HPAC)

#### Construction

- White pre-coated galvanized steel
- Single-skin panels
- Solid back configuration
- Floor track leveling
- Full 14-foot wide, 2-foot high plenum

#### Doors

- 4-wing entry door with 4 observations windows
- Personnel access door with observation window

#### Controls

- Engage control panel

### BOOTH OPTIONS:

- 2 or 3-row pit upgrades
- Booth basement
- AdvanceCure®
- Drive-thru configuration
- Upgrade to 6-tube light fixtures
- Additional 4 or 6-tube sidewall light fixtures
- 4 or 6-tube corner light fixtures
- LED light fixtures
- Control panel upgrade
- Controlled airflow (CAF) ceiling
- ECO package

# Performer XP1

The Performer XP1 is the fully loaded version of GFS' most popular, affordable paint booth. With added features such as an integrated AdvanceCure® system, ECO package, 2-row pit, best-in-class heater and LOGIC 3 control panel, the Performer XP1 takes the standard paint booth to a new level.



### Minimize Cost to Maximize Profits

**ECO** package reduces operating costs by incorporating energy-saving technologies.

## DIMENSIONS & FEATURES BY BOOTH MODEL:

Airflow	Length	Heat System	Internal Dimensions	External Dimensions	6-Tube Hip Lights	6-Tube Sidewall Lights	Dual-Row Pit Length
Downdraft	27'	GUL	14' w x 9' h x 27' l	14' 5" w x 11' h x 27' l	8	4	24'

## STANDARD FEATURES:

### Airflow

- High-performance airflow ceiling (HPAC)
- Fully integrated AdvanceCure® Blade accelerated airflow system
- 90/10 air recirculation during cure cycle

### Construction

- White pre-coated galvanized steel
- Dual-skin insulated panels
- Industry standard 10-foot wide, 2-foot high plenum
- Floor track leveling

### Doors

- 3-wing entry door with 3 observation windows (9' 8" w x 8' 8.75" h)
- Personnel door with observation window

### Heater

- Dual VFD
- 10 hp intake and exhaust motors
- 1.2 MBTU direct-fire burner

### Controls

- LOGIC 3 control panel

## BOOTH OPTIONS:

- 3-row pit
- Booth basement
- Drive-thru configuration
- 6-tube corner light fixtures
- LED light fixtures
- Additional 6-tube sidewall light fixtures
- Sidewall observation windows
- Control panel upgrade





# Performer XD

GFS' most popular automotive refinish booth, the Performer XD spray booth surpasses all others in its class. Perfect for small to medium-sized shops, the Performer XD is an affordable spray booth with all the key features that you expect to see in a top-of-the-line booth.

With superior lighting, intuitive controls, excellent contamination control and multiple booth options, the Performer XD is a versatile paint booth for collision centers of all sizes.



## DIMENSIONS & FEATURES BY BOOTH MODEL:

Airflow	Length	Heat System	Internal Dimensions	External Dimensions	4-Tube Hip Lights	4-Tube Sidewall Lights	Single-Row Pit Length
Downdraft	27'	BTRC	14' w x 9' h x 27' l	14' 5" w x 11' h x 27' 5" l	8	4	24'
	30'	SpaceSaver *	14' w x 9' h x 30' l	14' 5" w x 13' 8.75" h x 30' 7.5" l	8	4	27'
Semi-Downdraft	27'	BTFD	14' w x 9' h x 27' l	14' 5" w x 11' h x 30' 7" l	8	4	No Pit
	30'	SpaceSaver *	14' w x 9' h x 30' l	14' 5" w x 13' 8.75" h x 30' 7.5" l	8	4	No Pit

\* SpaceSaver® dimensions include the heater

## STANDARD FEATURES:

### Airflow

- High-performance airflow ceiling (HPAC)

### Construction

- White pre-coated galvanized steel
- Dual-skin insulated panels
- Industry standard 10-foot wide, 2-foot high plenum
- Exhaust chamber (semi-downdraft configuration)

### Doors

- 3-wing entry door with 1 observation window (9' 8" w x 8' 8.75" h)
- Personnel door with observation window

### Controls

- Engage control panel

## BOOTH OPTIONS:

- 2 or 3-row pit (downdraft only)
- Booth basement (downdraft only)
- AdvanceCure®
- Drive-thru configuration
- Upgrade to 6-tube light fixtures
- LED light fixtures
- 4 or 6-tube corner or sidewall light fixtures
- Control panel upgrade
- ECO package
- Exhaust yoke (adds 3 ft. to internal working space) semi-downdraft only
- Additional product door windows



# Performer ES

The Performer ES spray booth was designed and built with the value-minded shop owner in mind. Quality construction, durable hardware and reliable performance makes the Performer ES paint booth an excellent choice for shops in need of an affordable all-in-one paint environment. The exhaust chamber is integrated into the booth interior, saving valuable shop floor space.



## DIMENSIONS & FEATURES BY BOOTH MODEL:

Airflow	Length	Internal Dimensions	External Dimensions	4-Tube Light Fixtures
Semi-Downdraft	24'	14' w x 9' h x 22' 6" l	15' 1/4" w x 11' 2" h x 24' l	10
	27'	14' w x 9' h x 25' 6" l	15' 1/4" w x 11' 2" h x 27' l	10
	30'	14' w x 9' h x 28' 6" l	15' 1/4" w x 11' 2" h x 30' l	12
Crossdraft	24'	14' w x 9' h x 22' 6" l	15' 1/4" w x 9' 4 1/4" h x 24' l	10
	27'	14' w x 9' h x 25' 6" l	15' 1/4" w x 9' 4 1/4" h x 27' l	10
	30'	14' w x 9' h x 28' 6" l	15' 1/4" w x 9' 4 1/4" h x 30' l	12

## STANDARD FEATURES:

### Airflow

- High-performance airflow ceiling (HPAC) on semi-downdraft models

### Construction

- Single-skin, galvanized steel panels
- Industry standard 10-foot wide, 2-foot high plenum on semi-downdraft models

### Doors

- Swing door entry (10' wide x 9' high)
- 1 personnel door with observation window

### Exhaust

- 30" tube axial exhaust fan with 3 hp motor
- Solid back exhaust wall

### Controls

- Premium NEMA-1 electrical kit including UL listed panel, motor starter & solenoid valve

## BOOTH OPTIONS:

- Pre-coated white panels
- LED light fixtures
- Drive-thru configuration
- Ductwork kit, including straight duct for a 15 ft. ceiling (roof flange not included)
- Pressurizing kit for intake fan, includes 15" twin forward curved fan with 3 hp motor and control panel. This option pulls shop air.
- Pressurized with BTFD1200 forced dry heater, includes Engage control panel and 34" ductwork kit for 15 ft. ceiling



# Prep Environments

Closed-Top Open-Front (CTOF) Booths are the perfect solution for an all-in-one area for prepping and painting vehicles. Save time and money by performing both of these functions in one location! CTOF booths stand on their own without the need for an additional support structure or ceiling suspension.

## ULTRA® XD CTOF – DUAL-SKIN



Ultra® XD CTOFs are the ideal complement to our top-of-the-line paint booths. With dual-skin walls and superior construction, airflow and lighting, the Ultra® XD CTOF provides a premium environment for prepping and painting.

### DIMENSIONS & FEATURES BY BOOTH MODEL:

Airflow	Bay	Length	Width	Heat System*	Internal Dimensions	External Dimensions	4-Tube Hip Lights*	Single-Row Pit (Downdraft)	
Downdraft OR Semi - Downdraft	Single	21'	12'	BTFD or SpaceSaver	12' w x 9' h x 21' l	12' 5" w x 11' h x 21' 5" l	6	18' (1)	
		21'	14'	BTFD or SpaceSaver	14' w x 9' h x 21' l	14' 5" w x 11' h x 21' 5" l	6	18' (1)	
		24'	12'	BTFD or SpaceSaver	12' w x 9' h x 24' l	12' 5" w x 11' h x 24' 5" l	8	21' (1)	
		24'	14'	BTFD or SpaceSaver	14' w x 9' h x 24' l	14' 5" w x 11' h x 24' 5" l	8	21' (1)	
		27'	12'	BTFD or SpaceSaver	12' w x 9' h x 27' l	12' 5" w x 11' h x 27' 5" l	8	24' (1)	
		27'	14'	BTFD or SpaceSaver	14' w x 9' h x 27' l	14' 5" w x 11' h x 27' 5" l	8	24' (1)	
	Dual	Dual	21'	24'	BTFD or SpaceSaver	24' w x 9' h x 21' l	24' 5" w x 11' h x 21' 5" l	12	18' (2)
			21'	28'	BTFD or SpaceSaver	28' w x 9' h x 21' l	28' 5" w x 11' h x 21' 5" l	16	18' (2)
			24'	24'	BTFD or SpaceSaver	24' w x 9' h x 24' l	24' 5" w x 11' h x 24' 5" l	16	21' (2)
			24'	28'	BTFD or SpaceSaver	28' w x 9' h x 24' l	28' 5" w x 11' h x 24' 5" l	16	21' (2)
27'			24'	BTFD or SpaceSaver	24' w x 9' h x 27' l	24' 5" w x 11' h x 27' 5" l	16	24' (2)	
Triple	24'	36'	Consult Distributor	36' w x 9' h x 24' l	36' 5" w x 11' h x 24' 5" l	24	21' (3)		

\* SpaceSaver® heater changes external dimensions and number of light fixtures, please consult GFS Distributor

### STANDARD FEATURES:

#### Airflow

- High-performance airflow ceiling (HPAC)

#### Construction

- White pre-coated galvanized steel
- Dual-skin insulated panels
- Self-supporting structure design
- Solid back wall panels

#### Doors

- Front curtain(s)
- Divider curtain(s) for dual and triple-bay models
- Personnel door with observation window

#### Controls

- Engage control panel

### BOOTH OPTIONS:

- 2 or 3-row pit (downdraft only)
- AdvanceCure®
- Drive-thru configuration
- Upgrade to 6-tube light fixtures
- LED light fixtures
- 4 or 6-tube corner or sidewall light fixtures
- 3 or 4-wing doors
- Control panel upgrade
- ECO package

# Prep Environments

## ULTRA® XS CTOF – SINGLE-SKIN



Ultra® XS CTOF is an affordable, all-in-one area for prepping and painting vehicles. Single-skin walls provide cost savings, without compromising quality. An expansive CTOF line, choose from downdraft or semi-downdraft airflow, and a wide variety of sizes.

### DIMENSIONS & FEATURES BY BOOTH MODEL:

Airflow	Bay	Length	Width	Heat System*	Internal Dimensions	4-Tube Hip Lights	Single-Row Pit (Downdraft)
Downdraft	Single	21'	12'	BTFD or SpaceSaver	12' w x 9' h x 21' l	6	18' (1)
		21'	14'	BTFD or SpaceSaver	14' w x 9' h x 21' l	6	18' (1)
		24'	12'	BTFD or SpaceSaver	12' w x 9' h x 24' l	8	21' (1)
		24'	14'	BTFD or SpaceSaver	14' w x 9' h x 24' l	8	21' (1)
		27'	12'	BTFD or SpaceSaver	12' w x 9' h x 27' l	8	24' (1)
		27'	14'	BTFD or SpaceSaver	14' w x 9' h x 27' l	8	24' (1)
OR Semi-Downdraft	Dual	21'	24'	BTFD or SpaceSaver	24' w x 9' h x 21' l	12	18' (2)
		21'	28'	BTFD or SpaceSaver	28' w x 9' h x 21' l	12	18' (2)
		24'	24'	BTFD or SpaceSaver	24' w x 9' h x 24' l	16	21' (2)
		24'	28'	BTFD or SpaceSaver	28' w x 9' h x 24' l	16	21' (2)
		27'	24'	BTFD or SpaceSaver	24' w x 9' h x 27' l	16	24' (2)
	Triple	21'	36'	Consult Distributor	36' w x 9' h x 21' l	18	18' (3)
		24'	36'	Consult Distributor	36' w x 9' h x 24' l	24	21' (3)
		27'	36'	Consult Distributor	36' w x 9' h x 27' l	24	24' (3)

\* SpaceSaver® heater changes external dimensions and number of light fixtures, please consult GFS Distributor

### STANDARD FEATURES:

#### Airflow

- High-performance airflow ceiling (HPAC)

#### Construction

- Single-skin, pre-coated white panels
- Self-supporting structure design
- Solid back wall panels

#### Doors

- Front curtain(s)
- Divider curtain(s) for dual and triple-bay models
- Personnel door with observation window

#### Controls

- Engage control panel

### BOOTH OPTIONS:

- 2 or 3-row pit (downdraft only)
- AdvanceCure®
- Drive-thru configuration
- Upgrade to 6-tube light fixtures
- 4 or 6-tube corner or sidewall light fixtures
- LED light fixtures
- 3 or 4-wing doors
- Control panel upgrade
- ECO package



# Prep Environments

## EXCEL WORKSTATION



Designed to meet the requirements of EPA's 6H Paint Rule (40CFR63 Subpart HHHHHH), GFS' EXCEL WORKSTATION provides a controlled, all-in-one work environment for sanding, priming and limited painting.

The EXCEL WORKSTATION is available in multiple length, width and height options to suit any shop layout. Structure can be freestanding, with structural steel supports, or suspended from your shop ceiling.

*When painting, the amount of material sprayed shall not exceed one gallon in an 8-hour period.*

### DIMENSIONS & FEATURES BY BOOTH MODEL:

Plenum	Internal Dimensions	4-Tube Light Fixtures	Intake Fan(s)
Single	12' w x 9' h x 24' l	5	1
	12' w x 9' h x 27' l	6	1
	12' w x 9' h x 30' l	7	1
	12' w x 12' h x 24' l	5	1
	12' w x 12' h x 27' l	6	1
	12' w x 12' h x 30' l	7	1
Dual	24' w x 9' h x 24' l	10	2
	24' w x 12' h x 24' l	10	2

### STANDARD FEATURES:

#### Airflow

- Semi-downdraft airflow
- Overhead filtered plenum (single or dual)
- 9" double width, double inlet, forward intake fan
- Tube axial exhaust fan

#### Construction

- White pre-coated galvanized steel
- Column supported or suspended from shop ceiling
- Solid back or drive-thru configuration
- Heavy-duty, non-combustible curtain walls

#### Controls

- Basic control panel for lights & fan

### OPTIONS:

- Upgrade to 6-tube light fixtures
- Exhaust ductwork

## EXHAUST BOX

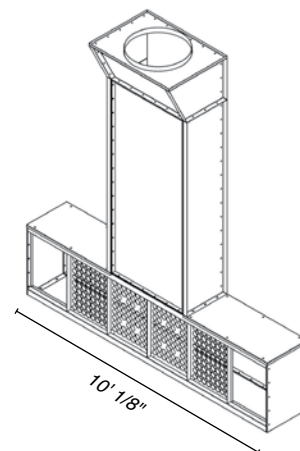
Designed for prepping and sanding operations, the Exhaust Box helps keep your shop clean by pulling dirt and dust into the exhaust chamber. Exhaust Boxes are not designed for spray painting or priming. If spraying does occur in the Exhaust Box, it would be classified as an unenclosed spraying area.

### DIMENSIONS & FEATURES BY BOOTH MODEL:

	Internal Dimensions	Exhaust Fan	Motor
Single-Bay	10' w x 11' h x 1' l	18"	2 hp
Dual-Bay	20' w x 11' h x 1' l	24"	2 hp

### STANDARD FEATURES:

- White pre-coated galvanized steel
- Exhaust fan, motor and duct
- Control panel



# Aluminum Repair

Aluminum repair is a unique process that requires a dedicated set of tools and an isolated area in order to prevent contamination from compromising the repair.

GFS' aluminum repair stations are flexible, effective solutions for proper isolation of aluminum repair processes. We offer three models to meet the cost and space restrictions of all types of shops.

## ALUMINUM REPAIR STATION PLUS

PATENT PENDING



### DIMENSIONS & FEATURES BY BOOTH MODEL:

Internal Length	Internal Width	Internal Height	4-Tuibe Lights
27'	14' or 16'	9' or 12'	6
30'	14' or 16'	9' or 12'	7
33'	14' or 16'	9' or 12'	8

Aluminum Repair Station Plus exhaust system is intended for priming and prep processes only, and is not suitable for extraction or containment of explosive aluminum dust. Aluminum dust extraction system must be installed and used for aluminum repair work.

### STANDARD FEATURES:

#### Construction

- Semi-downdraft airflow with overhead filtered plenum (single)
- White pre-coated galvanized steel construction
- Heavy-duty, non-combustible clear-view curtain walls
- Column supported or suspended from shop ceiling
- Drive-thru configuration with back curtain wall

#### Airflow

- Exhaust filter isolation shield
- 9" double width, double inlet, forward intake fan
- Tube axial exhaust fan

#### Controls

- Basic control panel for lights and fan

### OPTIONS:

- Back wall tool cabinet
- Exhaust ductwork
- Weld-view curtain

### OTHER ALUMINUM REPAIR STATION MODELS:



#### Aluminum Repair Station

- White pre-coated galvanized steel construction
- 3 or 4-sided heavy-duty, non-combustible clear-view or weld-view curtain walls
- Column supported or suspended from shop ceiling
- On/off switch for light fixtures



#### Aluminum Repair Isolation Station®

- 3 or 4-sided heavy-duty, non-combustible clear-view or weld-view curtain walls
- Suspended from shop ceiling (cabling not included)

# Parts Painting

## ULTRA® FASTRACK



Image shown with optional parts hooks

The Ultra® FasTrack booth is ideal for shops painting multiple small parts. This booth features the highest levels of contamination control and energy efficiency. An integrated track allows for easy parts movement before and after the painting process.

### STANDARD FEATURES:

- White pre-coated galvanized steel
- Dual-skin insulated panel construction
- Parts track with 12 steel rollers (weight capacity 50 lbs/roller); hooks sold separately
- 2-wing entrance doors with observation windows
- Engage controls

### BOOTH OPTIONS:

- LOGIC control panel upgrade
- Parts hooks (variety of sizes available)
- Access door with observation window

### DIMENSIONS & FEATURES BY BOOTH MODEL:

Airflow	Heat System	Internal	External Cabin & Track	6-Tube Lights	Single-Row Pit
Downdraft	BTRC	9' w x 9' h x 21' l	11' 1.25" w x 11' 2.5" h x 29' l	10	1

## OPEN FACE PAINT BOOTH



The Open Face Paint Booth is an ideal solution for priming and painting vehicle parts. Featuring a modular panel design, GFS' Open Face Booths are available in virtually unlimited sizes and configurations to fit a broad range of finishing processes. The open front design allows for parts of many sizes to be easily moved in and out of the booth.

### STANDARD FEATURES:

- Single-skin construction with pre-coated white panels
- Tube axial exhaust fan with belt guard
- 3-phase TEFC, tri-voltage motor
- Control panel

### BOOTH OPTIONS:

- Upgrade to 6-tube light fixtures
- LED light fixtures
- Filtered product doors
- Exhaust stack kit

### DIMENSIONS & FEATURES BY BOOTH MODEL:

Model	Internal Dimensions	External Dimensions	4-Tube Lights	Tube Axial Exhaust Fan	Exhaust Motor
8 ft.	8' w x 8' h x 8' l	8' 4" w x 8' 2" h x 11' 2" l	1	30"	2 hp
12 ft.	12' w x 12' h x 12' l	12' 4" w x 12' 10" h x 16' 2" l	4	40"	5 hp

# Paint Mix Rooms

Paint mixing rooms are used to control contamination and remove harmful fumes during the paint mixing process. GFS' paint mix rooms are available in multiple configurations, and can be connected to paint booths for direct entry. All of our mix rooms feature a four-inch, integrated spill containment for confining potential spills, eliminating the need for a curb.

## ULTRA<sup>®</sup> XD MIX ROOM - DUAL-SKIN



### Multiple Configurations

- **Freestanding Mix Rooms:** Four-wall, standalone rooms available in a variety of standard configurations
- **Three-sided Mix Rooms:** Enable you to connect your mix room(s) to paint booth for direct entry
- **Intermediate Mix Rooms:** Connect between two booths to create an effective, contaminant-free mix environment

### DIMENSIONS & FEATURES BY BOOTH MODEL:

Configuration	Internal Dimensions	4-Tube Lights
Freestanding (4-Wall)	6' w x 9' h x 9' l	1
	6' w x 9' h x 12' l	2
	6' w x 9' h x 15' l	3
	9' w x 9' h x 9' l	2
	9' w x 9' h x 12' l	2
	9' w x 9' h x 15' l	3
Three-Sided	6' w x 9' h x 9' l	1
	6' w x 9' h x 12' l	2
	6' w x 9' h x 15' l	3
	9' w x 9' h x 9' l	2
	9' w x 9' h x 12' l	2
	9' w x 9' h x 15' l	3
	12' w x 9' h x 9' l	2
Intermediate (2-Wall)	9' w x 9' h x 9' l	2
	12' w x 9' h x 9' l	2
	15' w x 9' h x 9' l	3

### STANDARD FEATURES:

#### Construction

- 4" spill containment
- White pre-coated galvanized steel
- Dual-skin insulated panels

#### Doors

- Personnel door with observation window

#### Exhaust

- Exhaust blower with 1/2 hp motor (120V, 1-phase)

#### Controls

- Control panel

### MIX ROOM OPTIONS:

- Pressurizing blower with 1/2 hp motor (120V, 1-phase)
- Observation window panel
- Basement
- Additional access door
- Mix room heater
- Exhaust stack kit
- Rotating booth access table
- Vestibule





# Paint Mix Rooms

## ULTRA<sup>®</sup> XS MIX ROOM - SINGLE-SKIN



### DIMENSIONS & FEATURES BY BOOTH MODEL:

Internal Dimensions	4-Tube Lights
6' w x 9' h x 9' l	1
6' w x 9' h x 12' l	2
9' w x 9' h x 9' l	2
9' w x 9' h x 12' l	2
9' w x 9' h x 15' l	3

### STANDARD FEATURES:

#### Construction

- 4" spill containment
- White pre-coated galvanized steel
- Single-skin panels

#### Doors

- Personnel door with observation window

#### Exhaust

- Exhaust blower with 1/2 hp motor (120V, 1-phase)

#### Controls

- Control panel

### MIX ROOM OPTIONS:

- Pressurizing blower with 1/2 hp motor (120V, 1-phase)
- Door cover (required to connect mix room to booth)
- Observation window panel
- Vestibule
- Additional access door
- Mix room heater
- Exhaust stack kit
- Rotating booth access table

## SELECT MIX ROOM - SINGLE-SKIN



### DIMENSIONS & FEATURES BY BOOTH MODEL:

Internal Dimensions	4-Tube Lights
9' w x 8' h x 6' l	1
9' w x 8' h x 9' l	2
9' w x 8' h x 12' l	3
9' w x 8' h x 15' l	4

### STANDARD FEATURES:

#### Construction

- 4" spill containment
- Galvanized or white pre-coated steel
- Single-skin panels

#### Doors

- Personnel door with observation window

#### Exhaust

- 1/2 hp TEFC exhaust motor

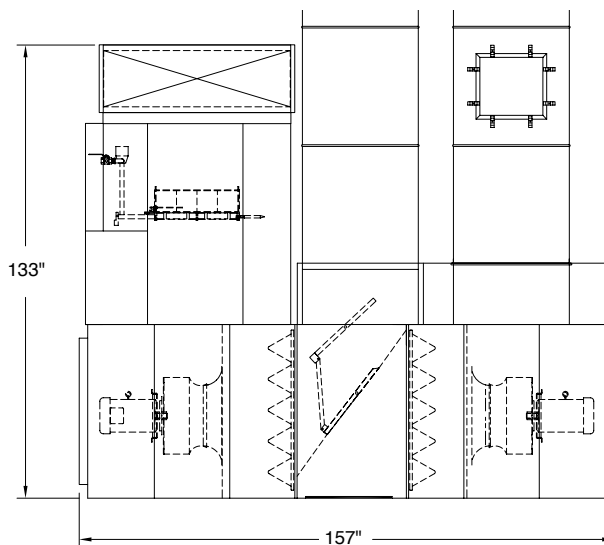
### MIX ROOM OPTIONS:

- Door cover (required to connect mix room to booth)
- Exhaust stack kit
- Control panel
- Rotating booth access table

# GUL2000



GFS' top-of-the-line heat system, GUL2000 heat units are standard on all Ultra® XP1 and Performer XP1 booth packages, and can be added to other GFS booth models. Features such as an exhaust VFD, LOGIC control panel and direct-drive motors make this heat system highly efficient.



Intake Motor	Exhaust Motor	Intake Fan	Exhaust Fan	Direct-Fire Aluminum Burner	VFD
10 hp direct-drive	10 hp direct-drive	Airfoil Centrifugal		1.2 MBTU (Natural gas or propane fuel)	10 hp exhaust

## STANDARD FEATURES:

- Pre and post filtration
- Automatic pressure control (Auto Balance)
- Dual high limit switches
- Door safety interlock switch, 24V
- 90/10 air recirculation during cure cycle
- Logic 3 control panel
- 34" round intake and exhaust duct for 15' roof

## OPTIONS:

- 15-hp motor upgrade
- 1.5 MBTU upgrade
- LOGIC 4 control panel
- Dual VFD package
- Economy mode function (requires additional VFD and spray gun flow switch)
- Filter monitoring
- LoNox burner
- Low pressure burner

## UNIQUE GFS HEATER FEATURES:

### Reverse Incline, Direct-Drive, Airfoil Centrifugal Fan (Intake and Exhaust)



This high-efficiency fan maintains consistent airflow, even when filters load up and cause increased resistance. Inferior fans cannot withstand the pressure.

The aluminum, non-sparking airfoil design delivers higher performance while consuming far less energy. The fan requires much less maintenance because there are no belts, pulleys and bearings to replace.

### Direct Fire Burner

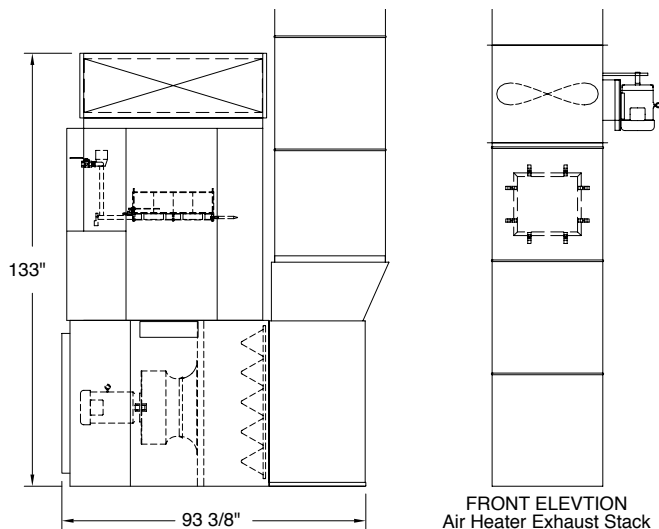
With a high turndown ratio and faster cabin temperature rise, direct fire burners are more efficient than indirect heat exchangers. The direct fire burner is made of corrosion-resistant aluminum for reduced maintenance and longer life.

### No-Damper Booth Balancing

By using variable frequency drives (VFDs) and an innovative pressure transducer, GFS has eliminated the need for dampers to balance the booth. This allows for better performance and less maintenance.

# BT1200

Highly versatile, GFS' BT1200 heat unit can be placed on the side or rear of a paint booth, and is available in both recirculating and forced dry models.



FRONT ELEVATION  
Air Heater Exhaust Stack

Unit	Intake Motor	Exhaust Motor	Intake Fan	Exhaust Fan	Direct-Fire Aluminum Burner	VFD
Recirculating	10 hp direct-drive	7.5 hp belt-driven	Airfoil Centrifugal	34" tube axial	1.2 MBTU (Natural gas or propane fuel)	7.5 hp exhaust
Forced Dry (Semi-Downdraft & Side Downdraft)	10 hp direct-drive	7.5 hp belt-driven	Airfoil Centrifugal	34" tube axial	1.2 MBTU (Natural gas or propane fuel)	Dual VFD (10 hp intake & 7.5 hp exhaust)

## STANDARD FEATURES:

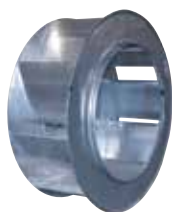
- Prefiltration
- Side- or rear-mounted
- Automatic pressure control (Auto Balance)
- Dual high limit switches
- Door safety interlock switch, 24V
- Engage control panel
- 34" round intake & exhaust duct for 15' roof

## OPTIONS:

- 15-hp motor upgrade
- 1.5 MBTU upgrade
- LOGIC 3 or LOGIC 4 control panel
- Dual VFD package
- Economy mode function (requires additional VFD and spray gun flow switch)
- Filter monitoring
- Semi-downdraft recirculation package (90/10)
- LoNox burner
- Low pressure burner

## UNIQUE GFS HEATER FEATURES:

### Reverse Incline, Direct-Drive, Airfoil Centrifugal Fan (Intake)



This high-efficiency fan maintains consistent airflow, even when filters load up and cause increased resistance. Inferior fans cannot withstand the pressure.

The aluminum, non-sparking airfoil design delivers higher performance while consuming far less energy. The fan requires much less maintenance because there are no belts, pulleys and bearings to replace.

### Direct Fire Burner

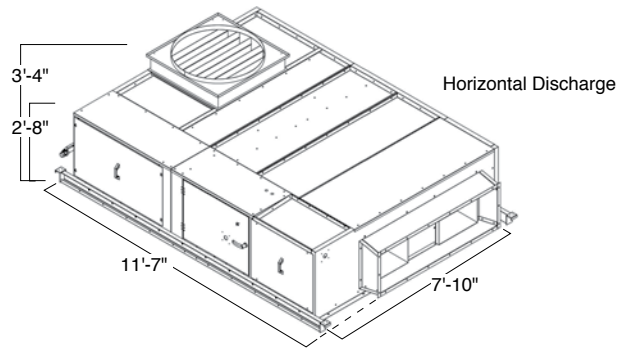
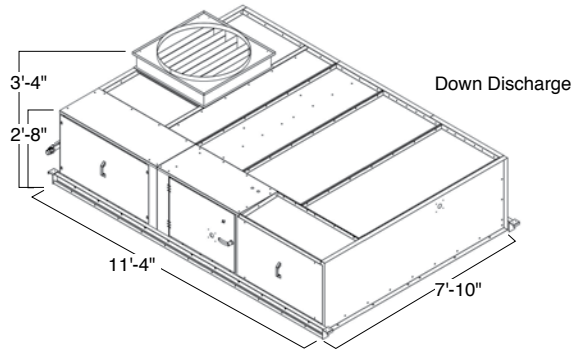
With a high turndown ratio and faster cabin temperature rise, direct fire burners are more efficient than indirect heat exchangers. The direct fire burner is made of corrosion-resistant aluminum for reduced maintenance and longer life.

### No-Damper Booth Balancing

By using variable frequency drives (VFDs) and an innovative pressure transducer, GFS has eliminated the need for dampers to balance the booth. This allows for better performance and less maintenance.

# SpaceSaver™ Heater

GFS' exclusive roof-integrated SpaceSaver™ heat system provides high performance in a low-profile package. By effectively compacting a high-efficiency heat system into the same area as the paint booth plenum, GFS has opened up new possibilities for booth placement and collision center arrangement for space-conscious businesses.



Intake Motor	Exhaust Motor	Intake Fan	Exhaust Fan	Direct-Fire Aluminum Burner	VFD
Belt-Driven					
7.5 hp	5 hp	Matched high-efficiency turbo fan	34" tube axial	1.139 MBTU (Natural gas, propane fuel)	5 hp exhaust
10 hp	7.5 hp		34" tube axial	1.433 MBTU (Natural gas, propane fuel)	7.5 hp exhaust
15 hp	7.5 hp		34" tube axial	1.804 MBTU (Natural gas, propane fuel)	7.5 hp exhaust

## STANDARD FEATURES

- Roof-mounted with low clearance
- 90/10 cabin recirculation during bake cycle
- Automatic pressure control (Auto Balance)
- Dual high limit switches
- Door safety interlock switch, 24V
- Prefiltration
- Engage control panel
- 34" round intake & exhaust duct for 15' roof

## OPTIONS

- LOGIC 3 or LOGIC 4 control panel
- Economy mode function (requires additional VFD and spray gun flow switch)
- Dual VFD package
- Forced dry
- LoNox burner

## UNIQUE GFS HEATER FEATURES

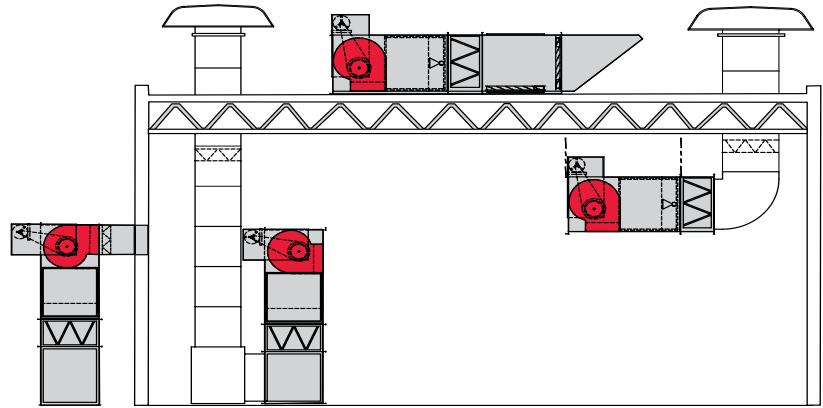
### Direct Fire Burner

With a high turndown ratio and faster cabin temperature rise, direct fire burners are more efficient than indirect heat exchangers. The direct fire burner is made of corrosion-resistant aluminum for reduced maintenance and longer life.



# Select Air Heater

Select Air Heaters are our most versatile heat units. These heaters are designed for vertical or horizontal placement, and indoor or outdoor use.



*Illustration shows optional heater configurations*

Unit	CFM	Direct-Fire Aluminum Burner	Control Panel
Downdraft	12,600	1.386 MBTU	Engage
Side Downdraft	12,600	1.386 MBTU	Engage
Semi-Downdraft	10,500	1.155 MBTU	Engage

## STANDARD FEATURES:

Choice of:

- Standard air replacement heater
- Forced dry curing heater
- 90/10 recirculating heater
- Indoor unit
- Horizontal or Vertical

## OPTIONS:

- Pre-coated white
- Dual VFD package
- Economy mode function (requires additional VFD and spray gun flow switch)
- Duct package
- Outdoor unit

## CONTROL PANEL

GFS offers several control panels for operating auto refinish spray booths. From the fully loaded LOGIC 4 to the more simplistic Engage, there's a control system for everyone.



### LOGIC 4

Standard on all Ultra® XP1 booths, the LOGIC 4 control panel is the most advanced and user-programmable spray booth control system on the market today. This top-of-the-line control panel allows you complete control over the booth and the ability to easily switch from waterborne to solvent base.

**Features:**

- 10" color touch screen interface
- Controls for AdvanceCure®, SmartCure, SmartFlash, filter monitoring and economy mode
- Ability to turn individual AdvanceCure® blowers on and off during flash and cure modes
- 3 SmartFlash profiles with 3 programmable segments each
- 6 SmartCure profiles (3 waterborne, 3 solvent base) with 5 programmable segments each
- Self diagnostics to help you easily identify service issues



### LOGIC 3

Designed with everything you need to control your booth, the LOGIC 3 control panel is an impressive yet simple control system. The LOGIC 3 has many of the same user-programmable features as the LOGIC 4, but on a smaller, streamlined user interface.

**Features:**

- 6" monochrome touch screen interface
- Controls for AdvanceCure®, SmartCure, SmartFlash, filter monitoring and economy mode
- Ability to turn individual AdvanceCure® blowers on and off during flash and cure modes
- 3 SmartFlash profiles with 3 programmable segments each
- 3 SmartCure profiles with 3 programmable segments each
- Self diagnostics to help you easily identify service issues



### ENGAGE

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

**Features:**

- 4" color touch screen interface
- Spray, cure and flash cycles
- Enhanced temperature and pressure controls
- Alarm tracking with date & time stamps for improved troubleshooting

# Controls

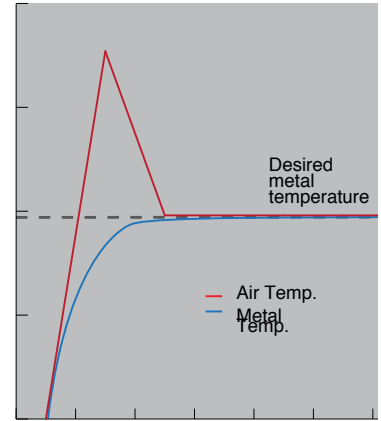
## CONTROL FEATURES

### SMART TECHNOLOGY

No two paints are alike. Every kind of paint requires a specific setting for proper application and curing. Smart Technology, integrated into all LOGIC control panels, takes the guesswork out of operating a paint booth.

#### Features:

- 3 programmable options to control time, temperature, AdvanceCure® towers and dampers
- Automated controls for reliable and predictable results
- Adjustable for any type of coating



### SmartFlash

Before a second coat can be applied, the base coat must dry to a certain temperature. SmartFlash maintains temperature while decreasing drying time between coat applications. By recirculating 50% of the airflow, energy costs are reduced by up to 40% during flash mode.

### SmartCure

Whereas conventional cure modes use the same air temperature throughout the cure cycle, SmartCure reduces air temperature once the metal temperature reaches its desired temperature. Thus, energy costs are reduced by up to 25% in cure mode. Average cost savings with SmartCure: \$1.60 per cycle \*

*\*Savings based on a SmartCure cycle that includes a 6-minute cure at 180 degrees, 18-minute cure at 140 degrees and 3-minute cool down at ambient.*

### VFDS



Two variable frequency drives (VFDs) accelerate airflow during flash-off cycles, provide energy-saving smooth motor starts and facilitate the operation of the booth in 'economy mode'.

### ECONOMY MODE

Available on LOGIC and Engage control panels, economy mode is an energy-saving feature that can save you up to 60% in electricity and 75% in fuel, when compared to the same booth running at full capacity for the same period of time. The control panel will automatically switch to economy mode when the operator in the booth has stopped spraying, reducing the overall airflow by up to 50% and maintaining the same temperature in the paint environment.

### SELF-DIAGNOSTICS AND ALARMS

At the touch of a button, the LOGIC panel displays all PLC inputs and outputs, so the technician can easily monitor parameters of speed, temperature, pressure and other pertinent information regarding the operation of the booth.

When a failure occurs, the LOGIC control panel will automatically shut down the booth and display all errors on the screen. This will allow the technician to quickly pinpoint the error and make necessary repairs, reducing your overall downtime.



### ECO PACKAGE



GFS' ECO package reduces energy consumption and provides a 'green' solution for the refinish industry. A spray gun flow switch (included in this package) triggers the VFD to either speed up or slow down the fan motor. When the spray gun is placed on the hanger, the fan slows to half speed. When the spray gun is taken off of the hanger, the fan returns to full speed. Operating costs are reduced by using less electricity.

The ECO package is standard on XP1 models and can be added as an option to the majority of our auto refinish paint booths. The package includes a spray gun flow switch and ECO detail, and requires an additional VFD.



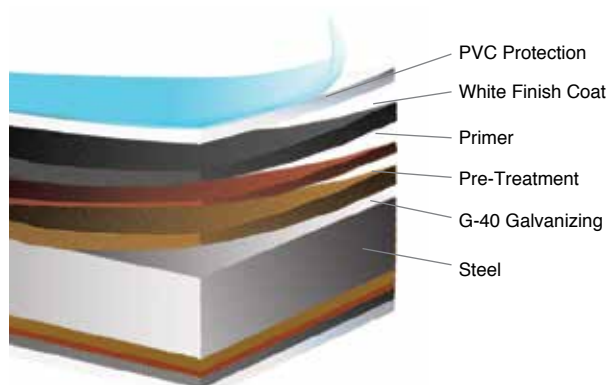
# Construction

## SOLID, LONG-LASTING CONSTRUCTION

### VERTICAL WALL PANEL DESIGN

While other manufacturers simply paint standard cold-rolled steel panels, GFS takes it a step further. Our auto refinish booth panels are made of rust-resistant G-40 galvanized sheet steel that is primed and coated on both sides with a baked-on polyester topcoat providing a rust-resistant cabin even in the harshest of environments.

To protect the booth panels during installation, GFS applies a PVC protective plastic sheeting on all panels prior to shipping. This plastic can be easily removed once construction is complete.



All of GFS' auto refinish booths feature vertical wall panels, designed to reduce the number of joints and seams in the cabin's construction.

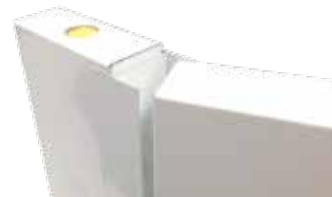
By reducing the number of joints, you are left with a stronger, longer-lasting booth. Fewer seams allows for smoother interior walls, which are less likely to collect dirt and overspray, and are easier to clean.

### DUAL-SKIN PANELS

GFS' pre-coated, dual-skin insulated panels provide a smooth fit and finish with no exposed wires or cables. Insulated panels cut down on noise and reduce ambient heat outside of the booth, while keeping heated air inside the cabin.

#### H-Channel Construction

The unique H-Channel construction design allows for easy booth setup. Six-inch galvanized steel 'H-Channel' columns connect to booth wall panels without nuts and bolts.



#### Positive Seals

Panels come together with a virtually airtight seal. This positive seal reduces the potential for contamination, resulting in a cleaner booth and reduced maintenance.



### SINGLE-SKIN PANELS

Vertical and horizontal C-channel stiffeners combined with nut-and-bolt construction provide unmatched strength and rigidity. Exterior flanges provide a smooth interior surface for ease of cleaning.



## CODE COMPLIANCE

A crucial part of the purchasing and installation process of a spray booth is ensuring that your installation meets all of the safety and legal requirements that apply to your city, state and country. GFS makes sure that our products meet and/or exceed all the applicable codes related to the equipment. These include:



- International Building Code (IBC)
- International Fire Code (IFC)
- National Emissions Standard for Hazardous Air Pollutants (NESHAP) Subpart HHHHHH
- NFPA 33: Standard for Spray Application using Flammable or Combustible Materials
- NFPA 70: National Electrical Code
- NFPA 86: Standard for Ovens and Furnaces
- NFPA 91: Standard for Exhaust Systems for Air Conveying of Materials
- NFPA 101: Life Safety Code
- OSHA Safety and Health Standards (29 CFR 1910.107)

GFS staff regularly follows and contributes to the advancement of these standards. Currently, one of our engineers serves on the NFPA Technical Committee on Finishing Processes.



# Construction

## TOP-QUALITY HARDWARE

GFS uses only high-quality hardware, ensuring ease of use and years of reliable service. Hinges and latches are all fully adjustable, so you get the perfect fit every time. Our weld-free designs prevent against weak points and corrosion, making for a sturdy, long-lasting booth.

Heavy-duty latches stay safely secured

Sturdy handles ensure years of reliable service and ease of use.

Long-lasting, replaceable brass bushings

New door hinges feature heavy-duty construction and increased adjustability.  
A self-tapping fastener allows you to lock hinge in place.

Durable hollow rubber seals



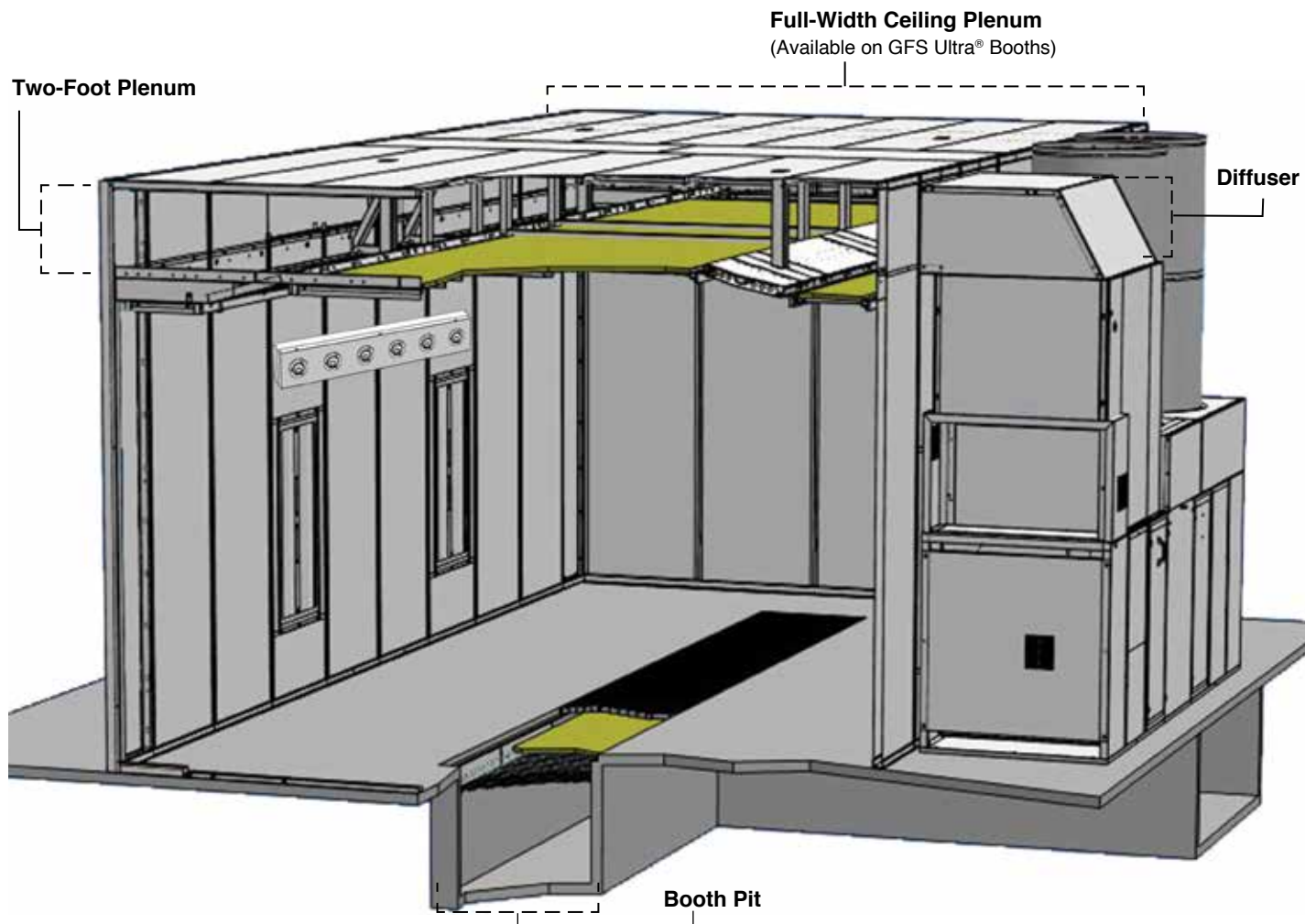
## CONSISTENT AIRFLOW FROM THE PLENUM TO THE PIT

GFS paint booths are designed for the most consistent airflow through the booth. The majority of our auto refinish booths feature a two-foot high ceiling-over-plenum design, the real secret to GFS booths! The two-foot height provides more room for building sufficient air volume. A full-width ceiling plenum allows for less static pressure and even air distribution from the plenum to the cabin.

It is important to provide a clean even flow of air around the vehicle or parts being painted. A large plenum builds sufficient air volume necessary to create the even linear, plenum-to-pit airflow.

Before air reaches the plenum, it passes through a diffuser. The diffuser directs air leaving the heater, and creates even airflow throughout the plenum.

Air must be drawn evenly around the vehicle, and have the ability to be balanced. This is accomplished with pit pans, metal plates with various size holes, that are placed under the filter media to balance the airflow from end to end.

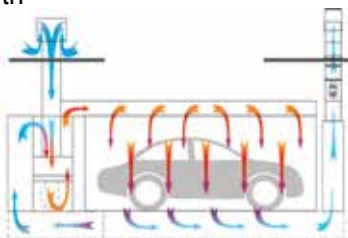


### AIRFLOW OPTIONS:

#### Downdraft

#### High-Performance Paint Booth

Generally accepted as the best airflow style, downdraft booths do an excellent job of controlling overspray and contamination. Air flows vertically from the ceiling intake plenum at the top of the booth, over the vehicle, and into the filtered exhaust pit in the floor.



#### Side Downdraft

#### Downdraft Airflow Without the Pit!

Side downdraft booths are an economical solution for shops that can't afford or aren't able to install a pit. Air enters the booth through a full-length ceiling plenum, and flows downward over the vehicle. When air reaches the floor, it is pulled into floor-level filtered exhaust plenums on each side of the booth.



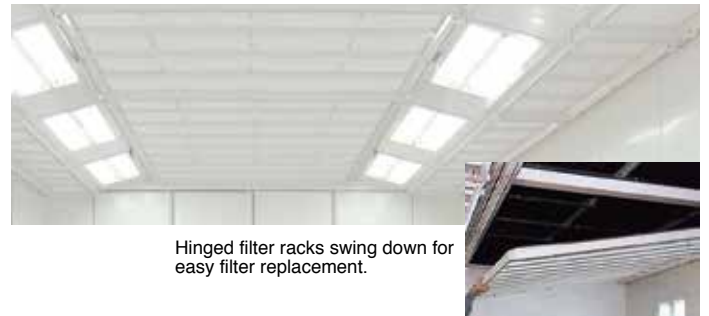
# GFS Airflow

## CONTROLLED AIRFLOW CEILING



A key feature of GFS' premium spray booths are the Controlled Airflow (CAF) ceiling. This patented, exclusive ceiling design was engineered to maximize the effectiveness of downdraft airflow models.

The main airflow zone creates a protective envelope of air around the vehicle, while secondary airflow zones prevent overspray from collecting on the booth walls, and keep contaminants away from the paint job. In between these airflow zones are strategically placed ceiling lights. These color-corrected lights are located directly above the sides of the car for optimal illumination.

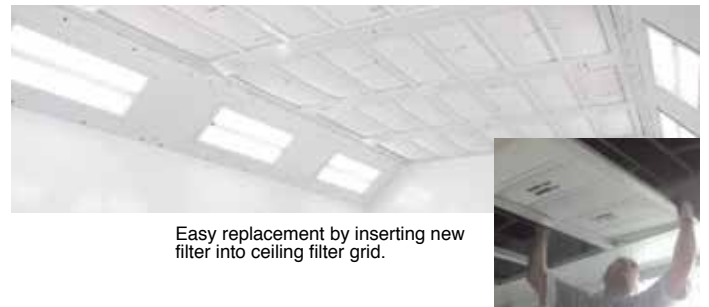


Hinged filter racks swing down for easy filter replacement.

## HIGH-PERFORMANCE AIRFLOW CEILING



A classic design, the High-Performance Airflow ceiling (HPAC) is simple in its construction and concept, yet yields impressive performance. The full-filtered ceiling provides excellent air filtration and contamination control, and the integrated hip-style ceiling lights illuminate where you need it most.



Easy replacement by inserting new filter into ceiling filter grid.

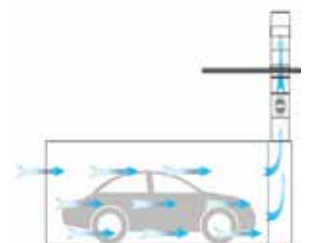
### Semi-Downdraft Economical Paint Environment

The semi-downdraft booth is a hybrid, combining features of both crossdraft and downdraft booths. Air is introduced to the booth through the ceiling in the first 25-30% of the booth. Then it's pulled across the working chamber, over the vehicle and into the filtered exhaust chamber at the booth rear.



### Crossdraft Proven Airflow Design

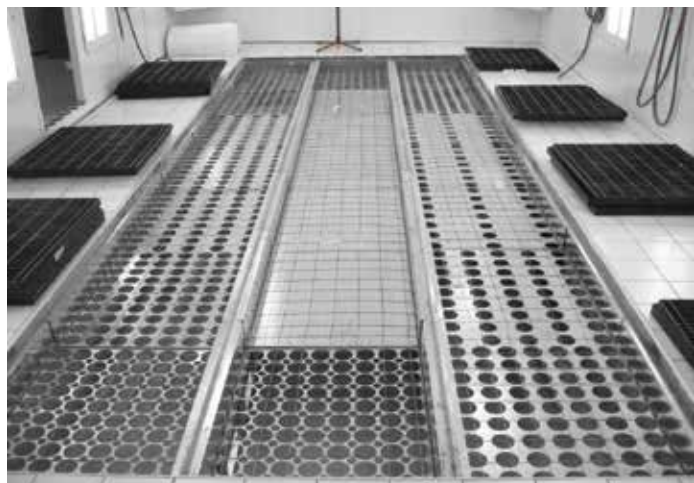
The simplest configuration, crossdraft booths use an exhaust fan to pull air in at one end of the booth. Air may pass through a filtered door, enter the working chamber unfiltered, or be pushed through a pressurized input plenum. Air flows parallel to the floor, across the vehicle and into a filter bank at the booth rear.





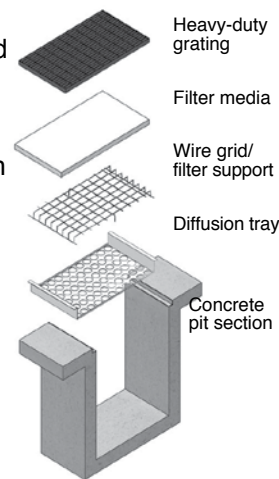
# Exhaust Pit

## BREAKING DOWN THE GFS PIT



GFS' downdraft auto refinish booths feature a 4-part pit system, designed to evenly draw air out of the booth while capturing and holding paint overspray. A key component of this pit system is the diffusion trays. With holes of varying sizes, these trays allow more air to flow through the exhaust pit at specific parts of the booth based on the location of the heater unit.

Exhaust filters are suspended in the pit, held up by wire grids, for maximum filter utilization and balanced airflow. Heavy-duty steel grating allows the painter to walk on top of the pit.



### PIT OPTIONS:

#### Single-row pit



#### Two-row pit



#### Three-row pit



### FULL-LENGTH PIT

As opposed to our competitors, GFS' auto refinish booth pits run almost the full length of the booth. The longer pit means that airflow envelops the front and back of the car better. This allows for more even airflow and less overspray ending up on the floor of the booth.



### RAISED BASEMENTS

When a traditional pit is not possible, raised basements can be added to a downdraft booth to facilitate downdraft airflow. Raised basements also allow for a booth to be moved more easily to a different location, and can reduce construction time.



Maximum load: 5,100 lbs



# Lights

## NO SHADOWS

Shadows can interfere with a painter's depth perception, making it much more difficult to apply the perfect finish on a vehicle. Horizontal sidewall lighting, commonly found in auto refinish booths, cast constant shadows on the vehicle as you spray.



All of our paint booths come complete with light fixtures and color-corrected tubes

To combat this issue, GFS has designed all of our auto refinish booths with vertical sidewall lights and angled ceiling lights. The combination of the two allows the painter to move freely around the vehicle with less light interaction. This creates a virtually shadow-free environment, perfect for color matching and precise application of paint!

## LIGHTING FEATURES

- 4 and 6-tube inside-access fixtures; 48" in length
- T8 ballast; provides greater energy savings
- Includes color-corrected light tubes to assure accurate color matching
- Fixtures with optional LED T8 tubes
- 32-watt, dual voltage (120/277)
- ETL and ETL-C listed
- Interlock switch to disable painting operations when light access door is opened.
- Easy tube replacement and maintenance



## MADE IN OSSEO, WI

GFS manufactures all light fixtures in our Osseo facility. This gives us the advantage of placing GFS-manufactured light fixtures with color-corrected tubes in all of our auto refinish spray booths.



## DRASTICALLY REDUCED DRYING TIMES & IMPROVED FINISH QUALITY

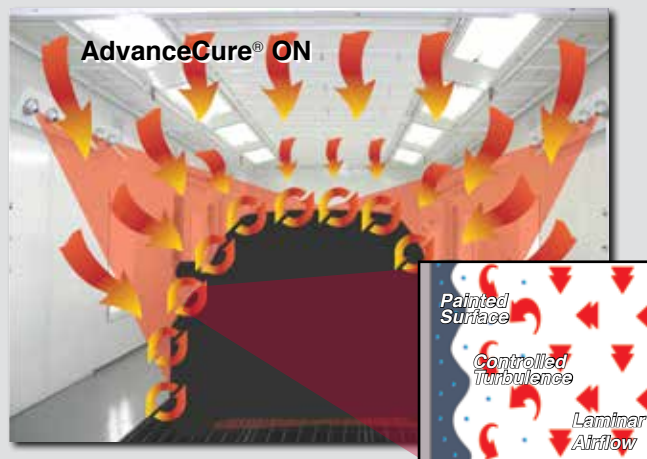
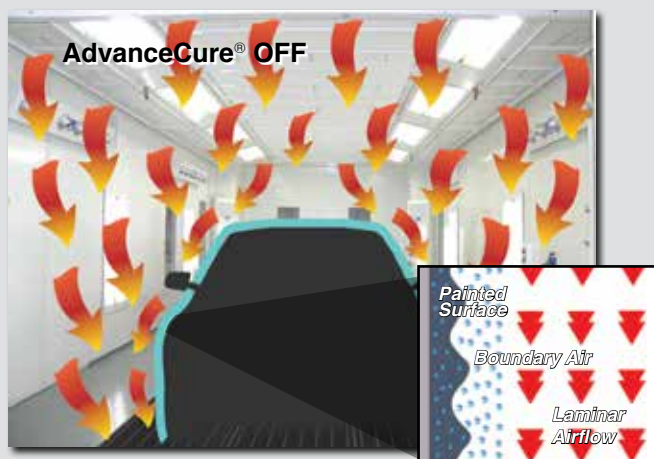
Designed to help collision centers be more productive, efficient and profitable, GFS' AdvanceCure® greatly reduces the amount of time needed to cure or dry any type of coating — be it waterborne or solvent-based.

The key to AdvanceCure's amazing results is the convection-type airflow it creates. This type of airflow dramatically improves the heat transfer from the air to the painted panels, and provides much more even heat distribution over the entire vehicle.

### HOW AdvanceCure® WORKS

When the paint booth is in spray mode, a layer of slow moving air — known as boundary air — forms on the vehicle surface. The boundary air traps solvents and shields the vehicle surface from the temperature rise in the booth during cure mode, therefore slowing down the paint drying process.

In order to achieve faster drying times, boundary air must be disrupted and dispersed. AdvanceCure® does this by creating controlled turbulent airflow on the surface of the vehicle. This effectively turns the paint booth into a convection oven. The result is drastically reduced drying times and better paint finishes.



## Iseries

Cabin Integrated Systems for Newer Model GFS Booths

The newest evolution of GFS' AdvanceCure® System includes models that are completely integrated into a GFS booth, making better use of the booth's space and resources. As opposed to R-Series, there is no longer a need to cut holes into the walls or add additional duct onto the exterior of the booth. Our sleekest I-Series model features motors that are hidden in the plenum.

All current GFS Ultra® & Performer booths and CTOFs are designed to support the AdvanceCure® I-Series, so that you can easily add the system at any time.



Examples AdvanceCure® I-Series

# GFS AdvanceCure®

## RE-ENGINEERED AND IMPROVED

GFS is constantly looking for ways to improve our products. AdvanceCure® is no stranger to continuous improvement. This system has come a long way since it was first launched in 1998, the first of its kind on the market. Today's AdvanceCure® system is far more efficient than previous models and can be placed in virtually any spray booth or prep station.



Nozzle Design



Blade Design



Designed for Premium Performance

The patent-pending Blade option for GFS' AdvanceCure® System improves upon the class-leading performance of the standard nozzle system. Tested in conjunction with paint companies, AdvanceCure® Blade provides premium performance and reduced maintenance. The exclusive, air-knife design allows for precise direction of air through small slits in the module.

- Less maintenance, with no need to move or clean nozzles
- Longer towers allow for more even air distribution
- The 4th generation of GFS' AdvanceCure® System

The Blade option can be added to any horizontal AdvanceCure® (I-Series & R-Series) models.

## Rseries

Retrofit Systems Designed to Fit Any Existing Paint Booth

GFS' AdvanceCure® System can be installed in virtually any model or brand of paint booth or prep station. The AdvanceCure® R-Series comes in multiple designs to accommodate various styles and sizes of paint booths.

Modules can be placed in the corner or on the sidewall of the booth and feature either fully integrated or remote blowers.



Examples AdvanceCure® R-Series

# Booth Accessories

## PAINT BOOTH PARTS HANGER SYSTEM



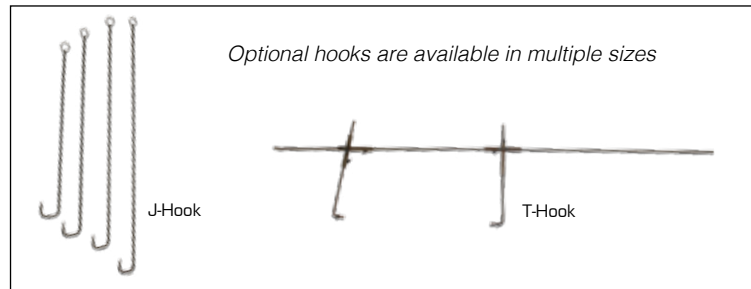
Maximize the productivity of your paint booth with this versatile parts hanger system. Sturdy construction ensures parts stay put, while the easily adjustable racks allow you to move parts around with ease for optimal spraying.

### Standard Parts Hanger

Includes one support beam/track

### Deluxe Parts Hanger

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



## 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



Two Polk Audio  
RC1 650 Speakers

Compatible with:





# Booth Accessories

## PAINT BOOTH TOOL CABINET

Add extra storage capacity to your paint booth, and keep tools and supplies free of overspray.

The cabinet is integrated into the rear wall of your paint booth for a custom fit, without losing valuable working space inside your booth.

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.

## 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.

## LIGHT BOOSTING REFLECTOR



Increase the luminosity of your paint booth by 20% 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.

## LED LAMPS



InstantFit LED T8 Lamps are an ideal energy saving choice for existing linear fluorescent light fixtures. Upgrade to LED easily without having to change the fixture.

InstantFit LED lamps are compatible with Global Finishing Solutions linear light fixtures, including inside access and corner paint booth light fixtures, and general purpose light fixtures.

# Booth Accessories

## WALL CURTAINS



Separate and maximize your usable space with a retractable barrier for confining dirt, dust and contaminants, and controlling cold loss. In addition to auto body, curtain walls are perfect for industrial, woodworking and many other applications. All materials meet NFPA 701 for fire retardancy.

Global Finishing Solutions curtain walls can be used in all of your auto body shop areas including:

- Prep stations
- Limited paint enclosures
- Aluminum repair stations
- Estimating bays
- Wash bays
- Grinding & sanding areas
- Welding areas

### Features

#### Steel-Scrim™ Laminate Vinyl



Featuring our proprietary, tri-lateral polyester scrim design, Steel Scrim Vinyl is 84% stronger than standard laminate 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" galvanized chain inserted into the 4" 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.

### Accessories & 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.

#### Brass Grommets



#2 brass toothed grommets are spaced every 12" on center of the curtains to hang securely on the roller hooks.

#### Roller Track System



Heavy-duty, 16-gauge roller track system which modularly connects track lengths to your desired shape and length. Available in Suspended Mounts – Threaded Rod or Beam to Chain, Ceiling Mount, Floor Mount and Beam Flange Mount.

#### 2-Wheel Roller Hooks



Make for easy sliding and folding of the curtain. Two-wheel steel roller hooks are available for large curtain systems

#### Velcro Attachments



2" velcro side attachments easily seal and attach both sides of curtains to multiple curtains. Available in standard 2' swatches, full length or custom.

**Vinyl Floor Sweep:** Sew-in or velcro option. Seals bottom 1" 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.





GLOBAL FINISHING SOLUTIONS

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

877-658-7900 • [autorefinishsales@globalfinishing.com](mailto:autorefinishsales@globalfinishing.com)