



# PERFORMER



- > Dual-skin construction
- > Easy-to-use AXIOM controls
- > High-efficiency 1.2M BTU heater
- > Energy-efficient color-correct lights
- > GFS quality & performance

## PERFORMER

***Downdraft Paint Booth***  
***Fully-loaded and ready for action, the GFS Performer is everything you need in an economical paint booth solution for your shop.***

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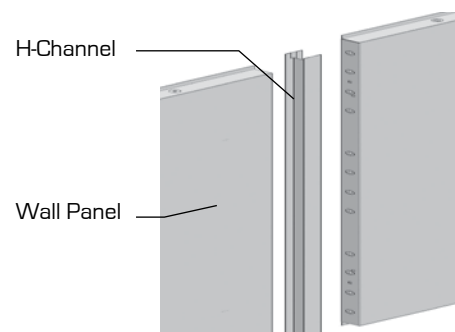
**GFS' PERFORMER DOWNDRAFT PAINT BOOTH**  
 Fully-loaded and ready for action, the GFS Performer is everything you need in an economical paint booth solution for your shop.

### Vertical Wall Panels

Vertical panels are used to reduce the total number of joints and seams in the booth, thus creating a stronger and longer lasting cabin. Fewer seams also means smoother walls, which are less likely to collect dirt and are easier to clean.

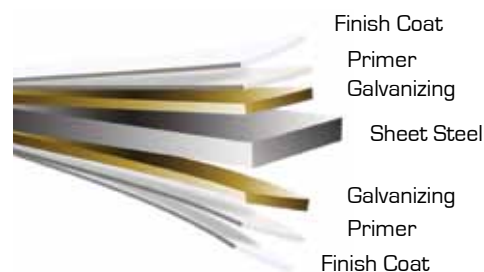
### H-Channel Construction

Another GFS-exclusive design, H-channel wall construction allows the panels to fit together without nuts and bolts, creating a virtually airtight fit. This reduces the total amount of caulk needed during installation.



### Insulated Panels & Zero-Weld

The PERFORMER cabin features a 'Zero-Weld' design that helps eliminate the common rust-prone areas typically found in a paint booth. Dual-skin insulated panels reduce noise in the booth and surrounding shop, and helps control the ambient temperature outside the booth.



### White Pre-Coated Steel

PERFORMER is constructed from white pre-coated galvanized steel. This pre-coating consists of dual layers of galvanizing, primer and a final layer of baked-on Polymer top coat.

### Cabin Size::

Internal: 14'w x 9'h x 27'l  
 External: 14'5"w x 11'h x 27'5"l  
 Door Opening: 9'8" w x 8' 8 3/4" h

### 2-Ft Plenum & Diffuser

A key factor in the performance of GFS booths, the large plenum height provides the space necessary to create evenly-distributed airflow (plenum to pit) across the ceiling filters. The diffuser helps distribute the air from the heat unit evenly throughout the plenum.

### Door Design & Hardware

GFS uses a 3-slab insulated door design with fully-adjustable hinges with replaceable brass bushings for a precise fit. Heavy-duty latches and handles ensure years of reliable service and ease of use.

### Ceiling Filter Racks

Providing full front-to-back filtration, PERFORMER's filter racks provide superior contamination control through our own proprietary filter media. Easy access to the racks provide fast and simple filter changeout.



### Lighting Design

GFS combines ceiling hip lights with vertical wall lights to create a virtually shadow-free environment, perfect for color matching and precise application of paint. All light fixtures use high-efficiency T-8 color-corrected tubes with electronic ballasts.



# BT HEATER

*GFS' BT Heater is a high-efficiency direct-fired recirculating heater designed for maximum energy-savings & superior air movement.*

**ETL Listed Industrial Air Heater**

- 12,000 CFM, 1.2 Million BTU
- 10hp intake fan, 5hp exhaust fan
- Exhaust-mounted VFD



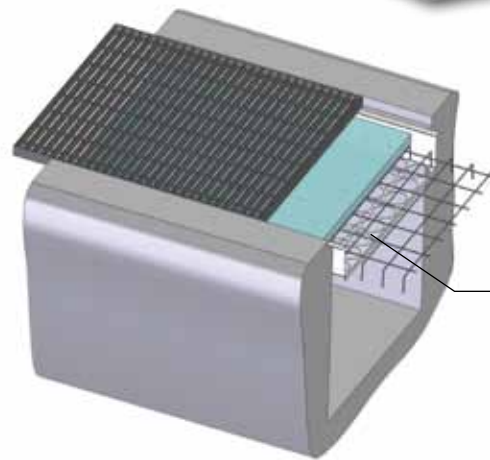
**Aluminum Burner**

Most manufacturers use cast iron burners which will rust over time and require replacement. GFS uses aluminum burners to reduce corrosion that occurs over the life of the burner, resulting in reduced annual maintenance and downtime.



**Intake Turbofan**

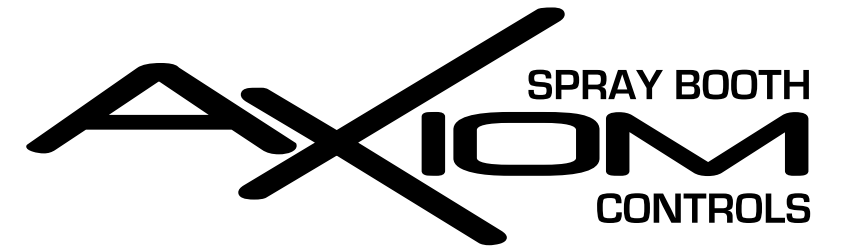
By utilizing a backward-inclined turbofan on the intake, the BT Heater provides superior airflow through the heat unit and through the plenum of the cabin. More powerful airflow translates directly in to better performance.



**Pit Design**

GFS' exclusive 4-layer pit design consists of heavy-duty steel grating, GFS WAVE filter media, filter support grids, and pit diffuser pans.

# CONTROLS



**Control Panel Functions**

AXIOM controls feature everything you need to control the operation of the booth in one simple, easy-to-use interface. Cabin lights, booth temperature, cycle time, and service diagnostics can all be accessed from the AXIOM interface panel.



**Variable Frequency Drives**

VFD's control the speed of the electric motors, eliminating the need for mechanical dampers. PERFORMER comes with one VFD on the exhaust motor, and can be upgraded to a dual-VFD system to greatly increase energy savings with Economy Mode functions.

**Balanced Airflow**

GFS engineered the perfect solution for balancing airflow in the booth through interchangeable pit diffuser pans. These pans allow more air to flow through the exhaust pit at certain points based on the location of the heater unit. By customizing the way the air moves in the cabin, GFS maximizes filter life and provides a more effective envelope of downdraft airflow around the vehicle for superior performance during the spray, flash, and bake processes.



Optional 3-row exhaust pit shown here, grates and filters removed

# OPTIONS



## Waterborne Drying

PERFORMER booths can be upgraded with GFS' AdvanceCure system for improved performance with waterborne paints. AdvanceCure's turbulent airflow greatly reduces the drying times of waterborne paints. By creating turbulent airflow on the surface of the vehicle during the flash and bake cycles, AdvanceCure drastically accelerates the evaporation process of the water contained in the paint which results in significantly shorter production times for your body shop, and better quality finishes..



AdvanceCure Horizontal Module



AdvanceCure 4-module Controls



## 6-tube Lighting

PERFORMER's standard 4-tube light fixtures can be upgraded to 6-tube lights in order to provide even greater illumination inside the paint booth. All fixtures come with energy-efficient T-8 fluorescent tubes and electronic ballasts.



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## Cabin Specifications:

Internal: 14'w x 9'h x 27'l

External: 14'5"w x 11'h x 27'5"l

Full downdraft airflow during spray and curing cycles through the ceiling with integrated angled hip-style light fixtures

Dual skin insulated panel construction

- White pre-coated galvanized steel
- Weld-free construction prevents rusting and improves spray booth strength

Single row pit exhaust system or raised platform

- Pre-engineered pit design properly balances air flow

Heavy-duty 3-wing entrance door with observation window, Side access door with observation window, can be moved to accommodate different spraybooth layouts

Eight 4-tube ceiling light fixtures, Four 4-tube sidewall light fixtures with energy efficient electronic ballasts

Spray booth is designed to accept fire suppression system, required but not included.

## Available Cabin Options:

- Drive-thru configurations
- Raised platform exhaust basement
- Three-row pit, 21' long
- Two-row pit, 24' long
- AdvanceCure Accelerated Airflow System
- 6-tube light fixtures

## 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 equipment 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.

## BT Heater Specifications:

High-efficiency direct fired system with re-circulating cure mode

- Increases productivity by using a 'cure' cycle to provide faster and better finishes than air-drying
- Pressurizes the paint booth to reduce dust entry from the outside environment

Direct-drive intake motor

- No belts or pulleys to maintain
- More efficient performance

Modular exhaust and intake unit

Fuelled by natural gas or propane

Multi-stage filtration system extends paint booth filter life

- Fresh air is filtered before heating
- Re-circulated air is filtered before re-entering the spray booth

Password-protected control panel to prevent unauthorized access

## ETL Listed Industrial Air Heater

- 12,000 CFM, 1.2 Million BTU
- Direct Fired Industrial Air Heater
- Supply fan powered by 10 HP motor
- Exhaust fan powered by 5 HP motor
- Exhaust-mounted Variable Frequency Drive

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

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