Global Finishing Solutions


# PROFESSIONAL
## Spray Booths

- Downdraft Airflow
- Dual-Skin Insulated Panels
- High-Efficiency Heat System

# Professional

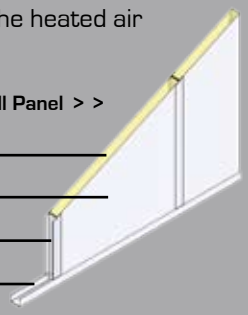
## PROFESSIONAL Spray Booths

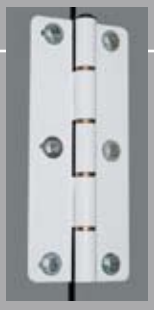
For paint and body shops looking for a reliable, easy-to-use paint booth that will provide versatility and energy-savings, the PROFESSIONAL answers the call. Dual-skin insulated construction, full downdraft airflow, superior lighting, and a choice of high-efficiency heat systems give the PROFESSIONAL the ability to fit any shop, anywhere.

### Rock-Solid Construction

Pre-coated insulated panels cut down on noise outside the booth, reduce ambient heat outside the booth, and keep the heated air inside the cabin.

**Cut-Away Dual-Skin Wall Panel > >**



### 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.

### High-performance Airflow

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

### Energy-Efficient Lighting - ETL Listed

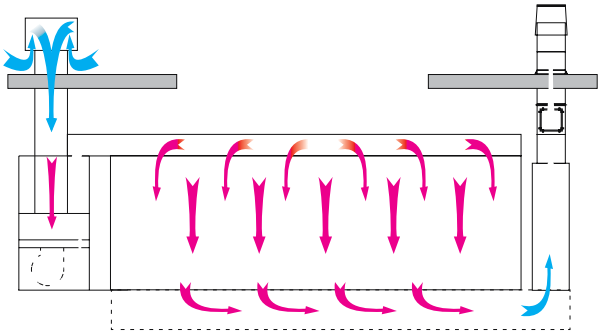
Inside-accessible, Electronic ballasts, T-8 color-corrected tubes

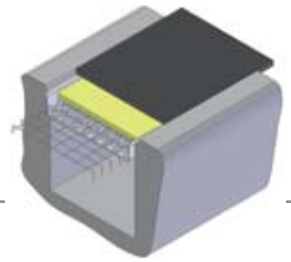
4-tube Light Fixture - Standard energy-efficient fixture

Optional 6-tube Light Fixture

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

### Downdraft Airflow





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

### Cabin Dimensions:

Internal - 14'w x 9'h x 24'l

External - 14'5"w x 11'h x 24'5"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
- Dual-skin insulated panel construction
- Full-filtered ceiling with T-bar 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

## BT1200 High-Efficiency Recirculating Heat Group

Designed for indoor use
- 10 hp intake motor
- 7.5 hp exhaust motor
- 34" Tube-axial exhaust fan
- 12,000 CFM
- 1.2 Million BTU direct-fire burner
- Auto pressure control
- Straight intake and exhaust duct for 15' ceiling

### BT1200 Options:
- 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


**<< CureTronic Control Panel**

Easy-to-Use, fully-programmable PLC control panel with SmartCure allows custom 'Heat vs. Time' cure cycles. Standard equipment with BT1200 Heat Group.

## Optional: SP High-Efficiency Heat Group

- 10 hp Intake motor
- 5 hp Exhaust motor
- 12,000 CFM
- 1.386 Million BTU direct-fire burner
- Manual pressure control with VFD
- Galvanized steel finish
- Straight intake and exhaust duct for 15' ceiling

### SP Options:
- White Pre-coated (shown)
- Vertical or Horizontal Heater configurations
- Natural gas or propane fuel
- Outdoor Weatherizing Kit

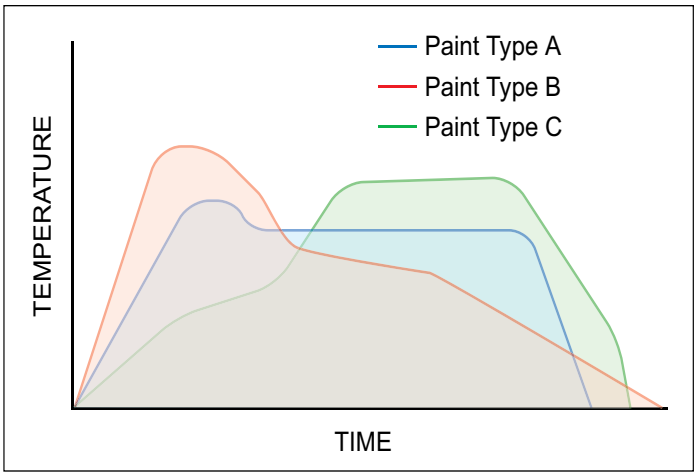
## SP Heater Control Panel >>

The standard SP Control Panel offers simplistic operation and total control over the booth and heat system.

**<< MasterCure Control Panel**

Optional equipment with the SP Heat Group, MasterCure Touch-Screen panels offer Auto Pressure Control and Smart-Cure Technology for faster curing.

## SmartCure technology




SmartCure profiles are based on the unique curing properties of each specific coating.

### What is SmartCure?

Integrated into CureTronic and MasterCure control panels, SmartCure technology optimizes the control of heat-and-time to produce the most effective cure/bake cycles for your specific coatings.

Each coating has a unique 'cure profile' that can be programmed into the CureTronic and MasterCure control panels. SmartCure enabled control panels know what temperature the coating needs, at what time during the cure cycle, and for exactly how long. In short, SmartCure saves you time, energy and money.

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## Global Finishing Solutions

### AdvanceCure Accelerated Airflow System - Optional in PROFESSIONAL

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!

AdvanceCure™ Accelerated Airflow System By Global Finishing Solutions GFS

## Make it your own . . .

PROFESSIONAL Downdraft shown with optional AdvanceCure Accelerated Airflow system in sidewall and corner models

PROFESSIONAL booths are available with multiple options to be configured for the unique needs of your bodyshop. Optional Equipment:

- AdvanceCure Accelerated Airflow System in sidewall or corner configurations
- 6-tube light fixture upgrade
- Corner light fixtures in 4- or 6-tube
- Three-row exhaust pit or Exhaust basement
- Booth extensions up to 27' with or without lights
- BT1200 heat system or SP heat system
- Drive-Thru Door options
- Paint Mix Rooms in stand-alone, attached, or vestibule designs
- Cabin designed to accept fire suppression systems

### 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 report # 3083724 Cabin • 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.

GFS®

Global Finishing Solutions • 800-468-5872 • auto@globalfinishing.com

Dallas, TX • Osseo, WI • Monterrey, MX • Barrie, ON

www.globalfinishing.com

 