



# TRUCK REFINISHING & LARGE EQUIPMENT SPRAY BOOTHS

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-  F. (909) 419 – 7020
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# PERFORMANCE ENGINEERED TRUCK SPRAY BOOTHS

Think BIG! Whether your application calls for basic crossdraft technology or a fully heated and pressurized system, Spray-Tech / Junair is your go-to company for large vehicle and big equipment finishing booths.

We build innovative spray enclosures used for preparing and finishing all kinds of vehicles, including trucks, RVs, buses, and anything "over sized."

Custom sizes are always available. As an industry leader, Spray-Tech is happy to work with you to build a booth with features to fit your special requirements and budget.

Our booths are competitively priced and available in three airflow configurations: full downdraft, side downdraft and crossdraft. You can add heat and air make-up to meet your paint curing needs.

**Technologically advanced, our truck booths integrate the highly regarded features found in our automotive product family, yet have more capacity for larger vehicles and equipment.**

## HIGH QUALITY CABIN CONSTRUCTION:

- Dual Skin (insulated) or Single Skin G-90 galvanized steel wall panels.
- J-Beam construction using CNC cut, punched and jig welded members.
- Engineered steel stiffeners that ease installation.
- Bright, full booth illumination Class 1, Div II lights & micro switches within 3' of all doors.
- Strategically located, high-efficiency T-8 light fixtures with mirrored reflectors and electronic ballasts.
- All personnel doors placed per code, double skinned with UL listed fire door frames and include large tempered glass windows.
- 18 gauge galvanized steel main doors reinforced with heavy steel tubing.
- High-performance tube-axial fans.
- Down Draft Filters capture particles as small as 6 micron.
- Available windowed and drive-through configurations.
- Powder-coating optional.

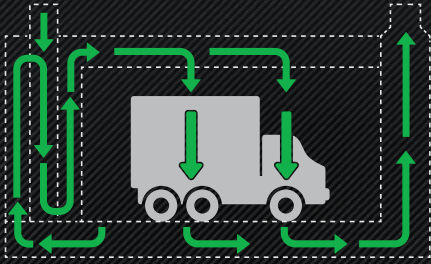
## PANEL CONFIGURATION AND SIZES:

Booth walls range from 9 ft. – 30 ft. and include a variety of lighting and personnel door configurations. Complete customization is available.



# AIRFLOW OPTIONS

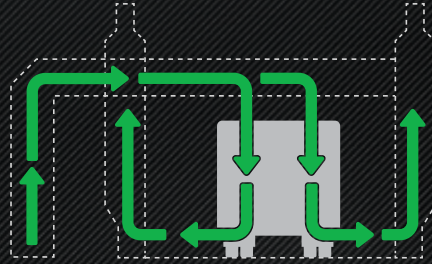
## Full Downdraft:



Air enters the booth through a fully filtered ceiling intake plenum and is pulled vertically downward across the vehicle and through the floor (filtered exhaust pit or basement). Air is then exhausted into the atmosphere.

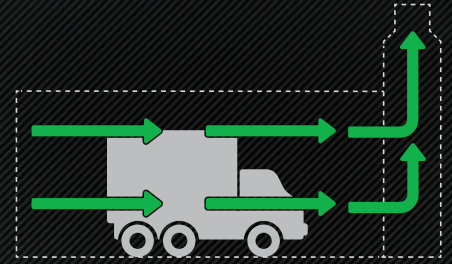
This design provides efficient overspray control and reduces prep time.

## Side Downdraft:



Air enters the booth through a fully filtered ceiling intake plenum and is pulled vertically downward surrounding the vehicle. Air is pulled away and exhausted through filters located at floor level along both sides of the booth. Air is then exhausted into the atmosphere. No pit required.

## Crossdraft Design:



Air enters the booth through a plenum at the front of the cabin and is pulled across the vehicle, parallel to the floor and through filters located at the rear of the booth. Air is then exhausted into the atmosphere.

No pit required.



## SPRAY-TECH / JUNAIR IS ON THE CUTTING EDGE

Our entire line of truck spray booths are created with the highest standards in mind, don't settle for anything less! We utilize formed-steel and J-Beam supports for greater strength and less weight. CNC-controlled equipment precisely pre-punches every beam and panel for perfect alignment and nut and bolt assembly. All panels are punched and squared robotically for superior fit and finish. Better fit ensures rapid booth assembly at your facility with the added assurance of years of unsurpassed performance thanks to the excellence of Spray-Tech engineering.

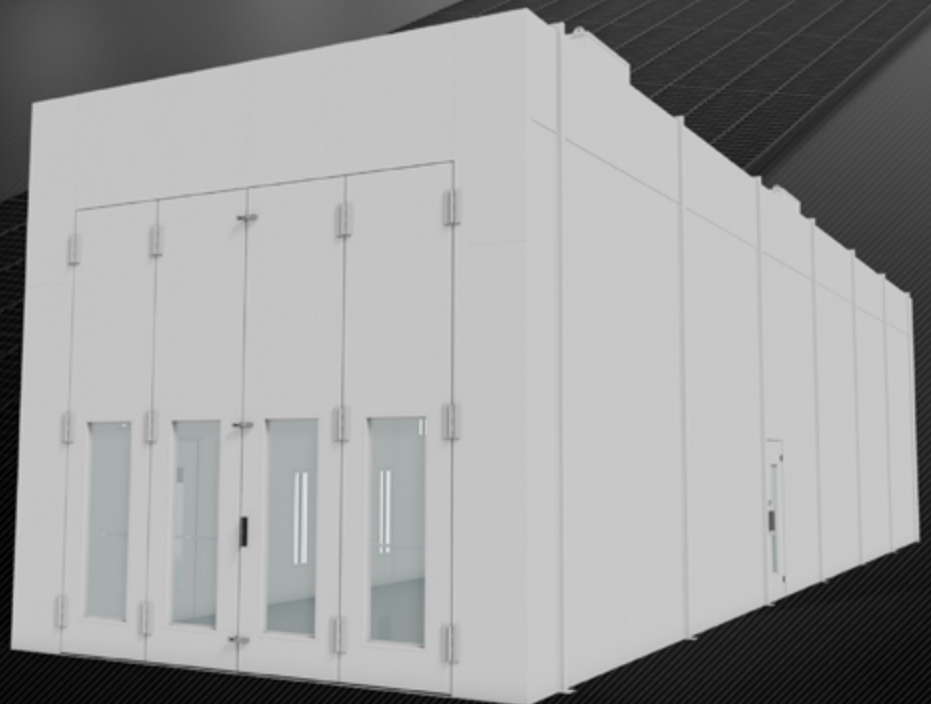
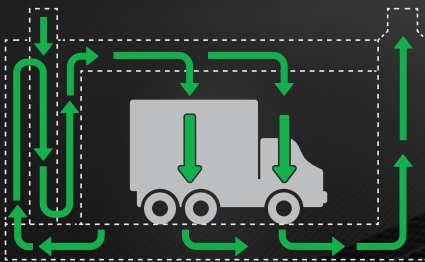
# FULL DOWNDRAFT

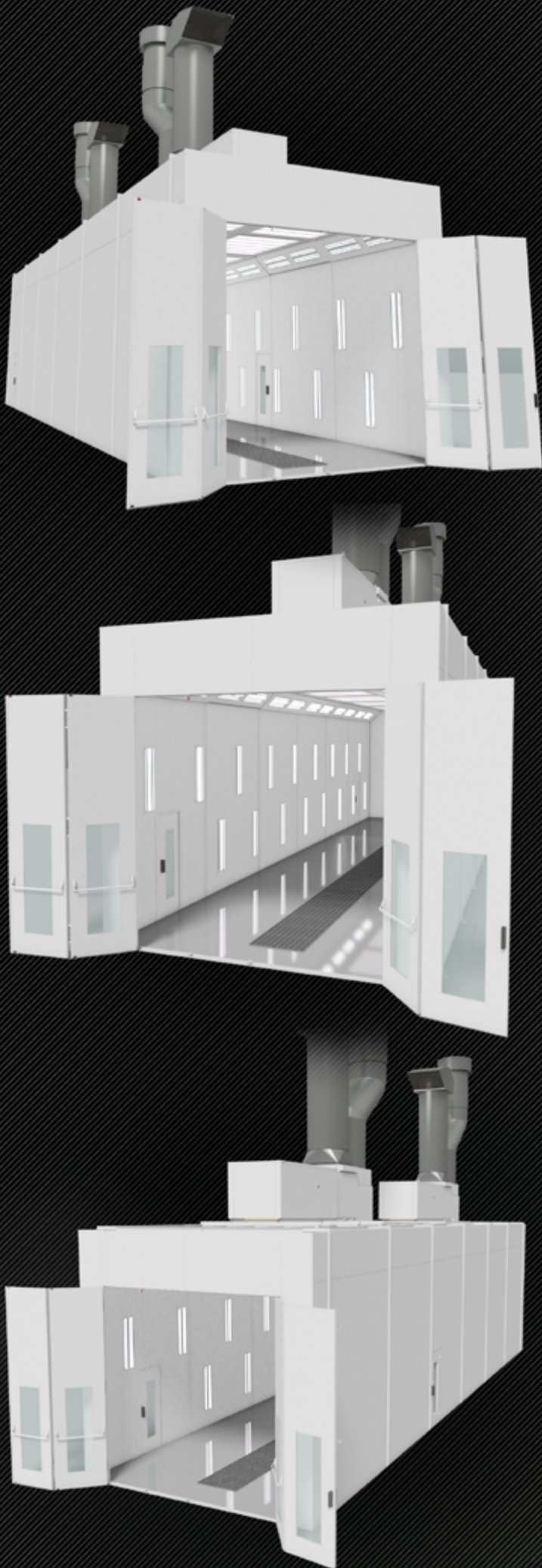
## PREMIUM SPRAY BOOTHS

With the available combination of a full ceiling air intake, central floor exhaust, direct fired heat and a recirculating air make-up system, these premium booths are the cream of the crop when it comes to efficiency and overall effectiveness.

Our full downdraft booth comes standard with features to help you improve productivity at a surprisingly fair price.

Standard features include a pressurized ceiling air intake, a fully featured ceiling utilizing blanket filters, and a variable frequency drive (VFD) that eliminates archaic dampers which clog with overspray.





### Standard Features:

- Constructed of 18 gauge galvanized steel
- Tube-axial fans provide the precise amount of downdraft air movement you need
- Heavy duty adjustable door hinges with replaceable nylon wear bushings.
- Single Wall Panel Construction of G-90 galvanized steel
- Double layer 14-gauge stiffeners assembled with carriage bolts
- 3' x 7' personnel doors with tempered glass observation windows
- 4-Tube T-8, 32-watt fluorescent light fixtures with mirrored reflectors
- 12' exhaust duct kit with damper style exhaust
- Electronic ballasts & daylight corrected bulbs
- Pits include industrial grating & supports



### Available Options:

- Dual skin insulated panels reduce ambient noise & heat.
- Heated air make-up units
- Blowers
- LED touch screen control panels
- Drive-thru solid and bi-fold door upgrades
- Additional personnel access doors and door interlock switches
- Additional side wall lights - 115V-277V
- LED Light Fixtures Available



Add optional direct fired natural gas or propane heat and you'll be equipped with spray-to-bake capabilities, improving your bottom line.

### DID YOU KNOW?



Spray-Tech/Junair also manufactures dust collection systems for preparing articles for painting right inside your booth, increasing throughput and keeping the booth free of all kinds of dust and debris.

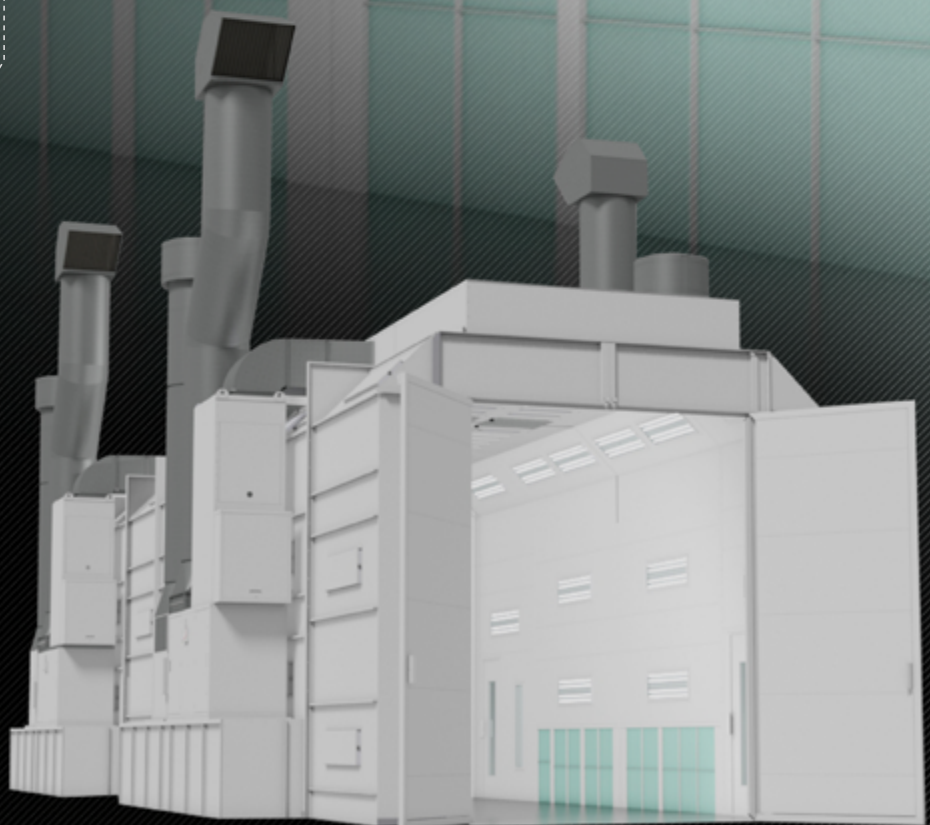
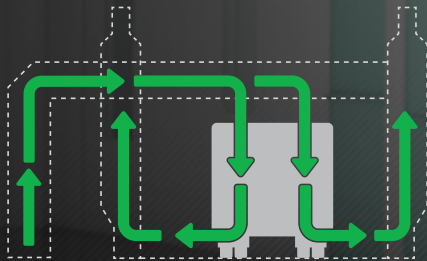
# SIDE DOWNDRAFT

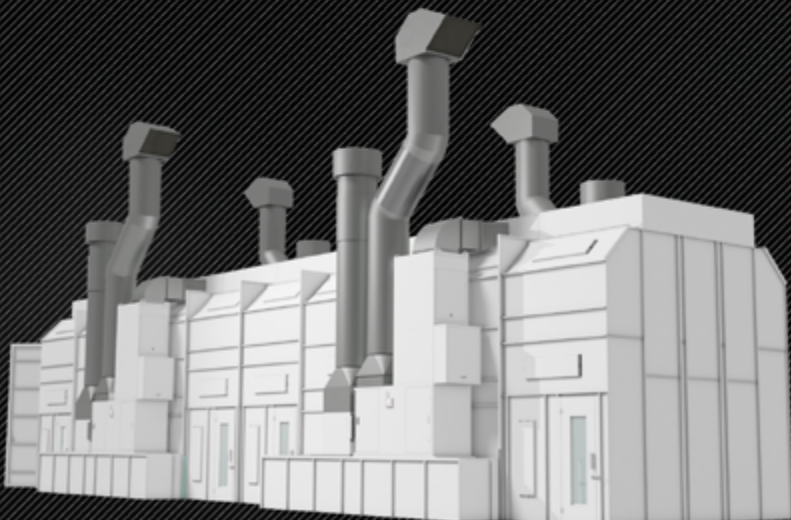
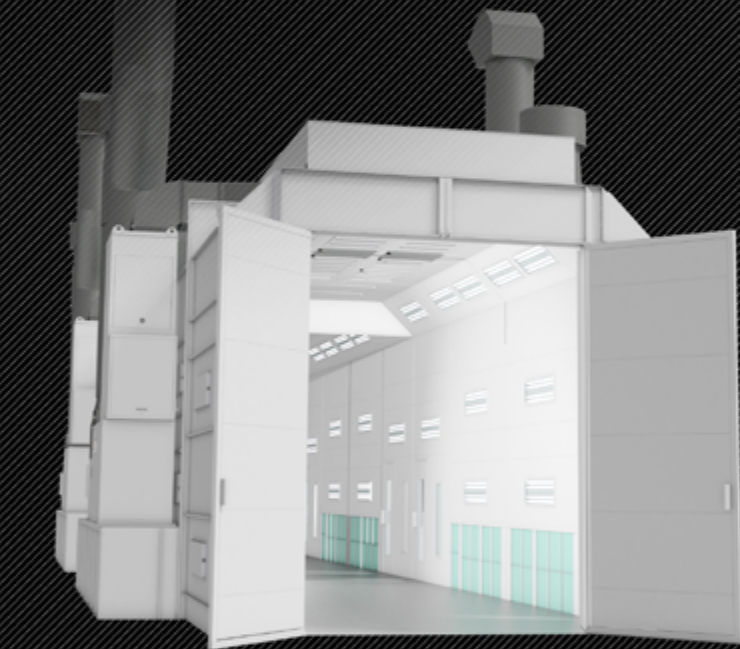
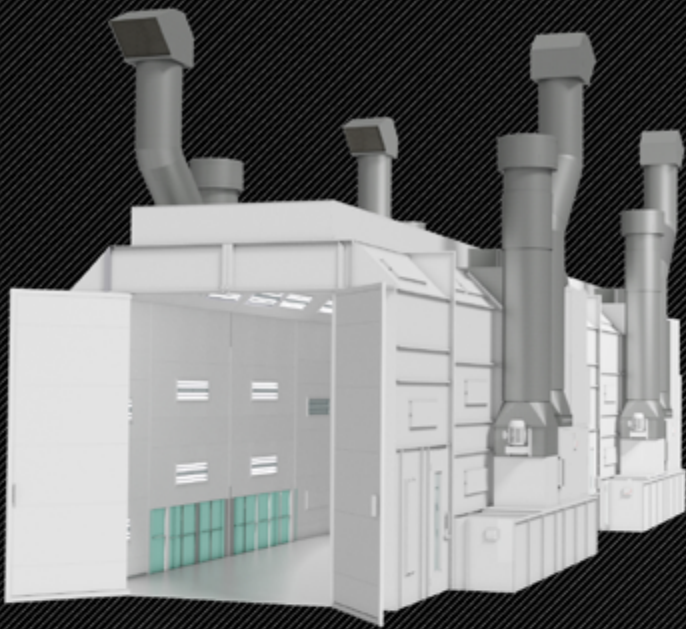
## PREMIUM SPRAY BOOTHS

The side downdraft series is designed so that air enters the booth through the ceiling intake filters and flows vertically to the floor, completely enveloping the vehicle with clean, filtered air.

Then, paint over spray is pulled down and away from the vehicle and arrested by filters at floor-level that run the length of both walls.

This booth design does not require a pit.





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- Double layer 14-gauge stiffeners assembled with carriage bolts
- 3' x 7' personnel doors with tempered glass observation windows
- 4-Tube T-8, 32-watt fluorescent light fixtures with mirrored reflectors
- 12' exhaust duct kit with damper style exhaust
- Electronic ballasts & daylight corrected bulbs
- Pits include industrial grating & supports



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### DID YOU KNOW?



Spray-Tech/Junair also specializes in building mechanized door systems that can help you automate the movement of work in and out of the spray booth in conveyORIZED systems.

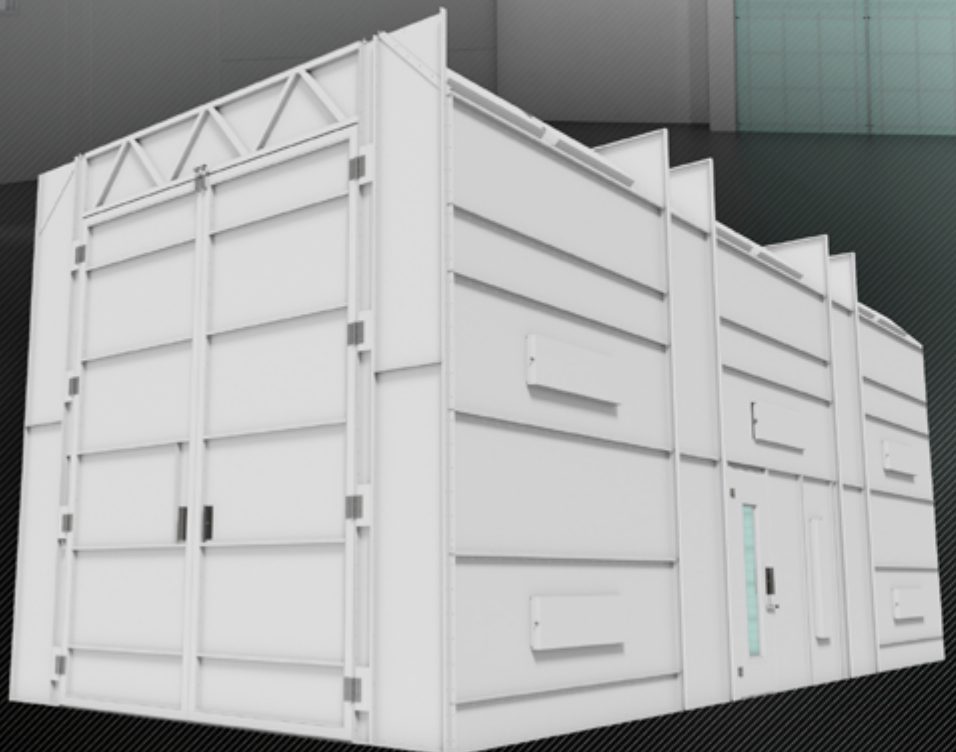
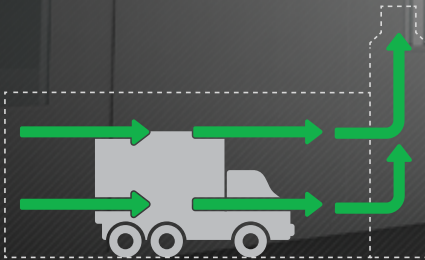
# CROSSDRAFT

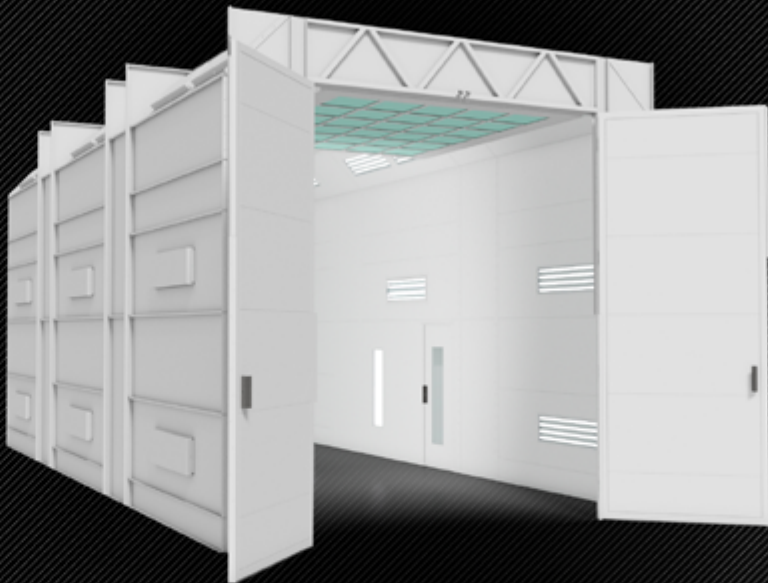
## PREMIUM SPRAY BOOTHS

Typical airflow patterns for Crossdraft Series Booths come in two types, reverse flow and front flow. Both patterns draw air across the booth removing overspray through exhaust filters located at the opposite end of the booth.

Reverse flow draws fresh air into the booth through intake filters located in the back wall of the booth and expels it through air exhaust filters in the front.

Front flow draws fresh air through the front of the booth through filters located in the front doors. The air then flows across the vehicle and out of rear exhaust filters.





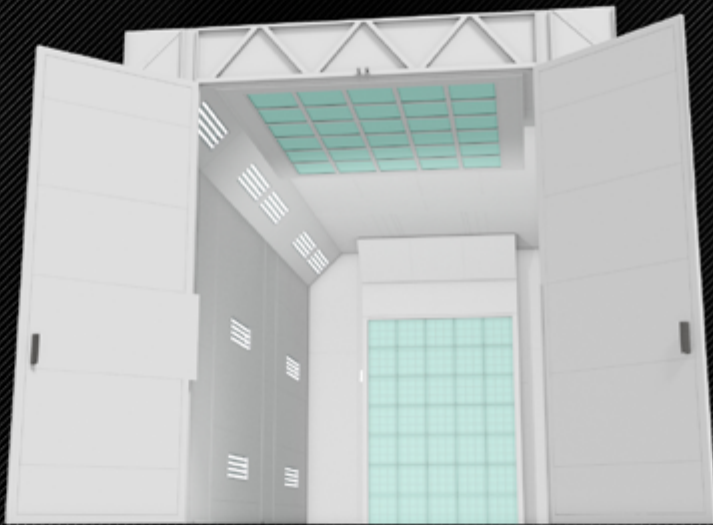
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### DID YOU KNOW?



Spray-Tech/Junair produces environmentally sound products. By using our high-efficiency Spray Booths you can enjoy lower energy costs while reaping the benefits of faster production times. This means less energy consumed leading to a healthier planet and a healthier bottom line.

# CONTROLS & CONFIGURATIONS

## STANDARD PANELS:

Over the years Spray-Tech/Junair has developed user-friendly control panels.

Control panels operate the fan, motor and lights consistently at the touch of a button.

Features Include:

- Electrical disconnect
- Labeled field connection points
- Circuit breaker protection for motor and lights



## DELUXE PANELS:

Spray-Tech/Junair Deluxe control panels are designed primarily for applications requiring air makeup units or enclosures with automatic air balancing systems.

Panels are designed for a single point wiring connection.

Deluxe features include:

**Spray:** Enables fans; allows temperature to be set; 100% air in with 100% air out at normal airflow rate.

**Flash:** Used to remove solvents from paint at the fastest speeds for lower curing times.

**Bake:** Elevates air temperature to user-programmed set-point for a set period of time.

**Cool Down:** Switches booth back to spray mode to cool the baked article for a timed period, then automatically shuts system down.

**Prep:** This is an economical mode intended to allow for prep work to be done prior to painting (sanding, grinding, etc.) Optional sensor automatically changes mode to spray when paint gun is activated.

**Lights:** Enables or disables controlled lighting system(s).

**Spray-Tech/Junair control panels are purpose-built for use with spray booths. Both our Standard and Deluxe Control panels are designed to meet the requirements for every application.**



**Check Intake Filter:** Sensor-driven, lights when intake filter needs changing.

**Check Exhaust Filter:** Sensor-driven, lights when filter needs changing.

**Fans Off:** Powers system down

## OUTDOOR READY SPRAY BOOTHS:

In certain cases truck and large equipment spray booths may require space outside of a building and will face exposure to the elements. In these cases an outdoor ready spray booth may be the best fit for you. We engineer the booth based on your geographical location and take into consideration any and all aspects of the environment.



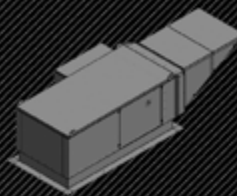
# HEATED AIR MAKE-UP SYSTEMS

Add optional direct fired natural gas or propane heat and you'll be equipped with spray-to-bake capabilities, improving your bottom line.

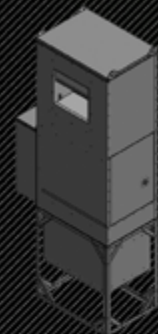
Our Mercury air make-up systems bring superior heated air management to our spray booths.

Our direct-fired heaters are able to heat air with 98% efficiency. Air make-up systems come in various standard sizes in outdoor and indoor configurations to meet your needs.

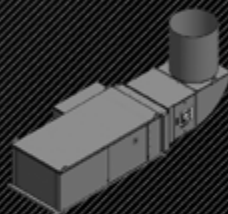
All Mercury air make-up systems are ETL listed.



Horizontal heater shown with inlet damper, rain hood with pre-filters.

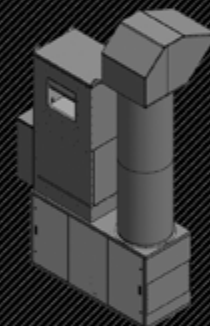
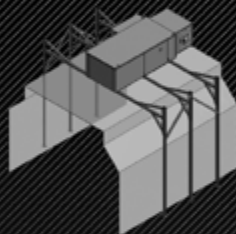


Vertical heater shown with vertical outdoor pre-filter and vertical stand.



Horizontal heater shown with inlet damper, horizontal indoor pre-filter.

Horizontal heater shown with pre-filter and over-the-booth stand.



Vertical heater shown with fresh air cap, vertical indoor pre-filter, stand wrap

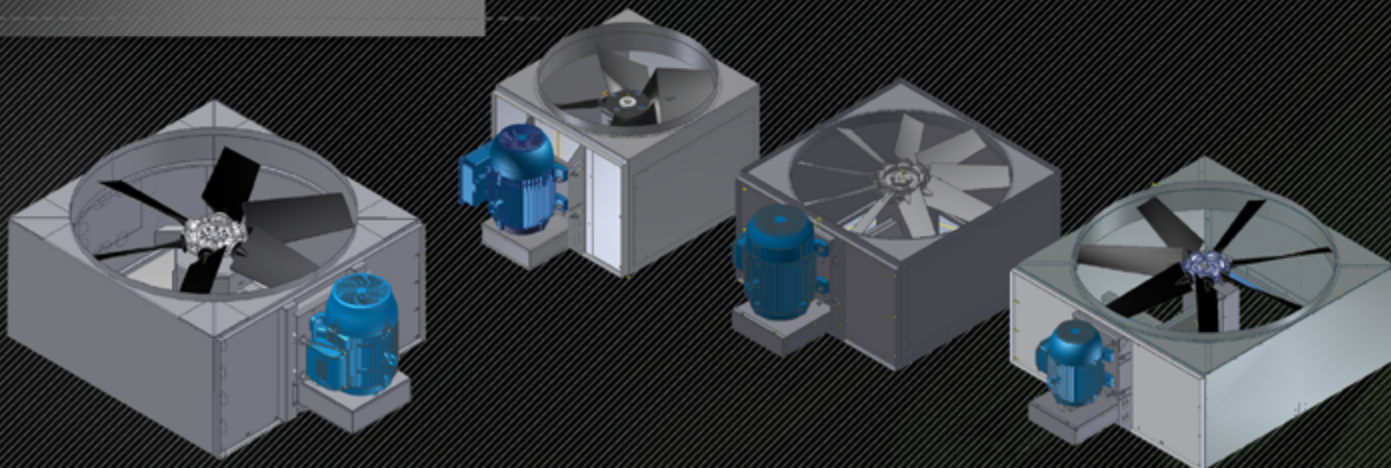
## Improve Your Productivity:

Adding an air make-up system to your spray booth equips the booth with spray-to-bake capabilities and can drastically increase your production.

Don't waste valuable time moving product or waiting for paint to dry, add an air make-up system to your booth.

## TUBE AXIAL EXHAUST FANS:

Our exhaust fans are premium assemblies that we developed for the spray booth environment. They feature large service doors for ease of access, airfoil blades for high efficiency and low noise and premium TEFC motors.





## QUALITY – RELIABILITY & INNOVATION

For more than two decades Spray-Tech/Junair has manufactured superior finishing equipment, built from quality components to provide years of worry-free operation. Our innovative designs deliver energy and application efficiencies with consistent results.

- Spray-Tech/Junair employs a team of seasoned designers proficient with the latest software and lean manufacturing principles.
- Combined, our engineering staff has well over 100 years of design experience, providing us the ability to maintain continuity in design and allowing us to accurately visualize and test our equipment before it is physically constructed.

Ask our expert engineers to find a practical solution for your process today.



### PRODUCING ONLY THE HIGHEST QUALITY FINISHING EQUIPMENT SINCE 1994

Est. 1994 and based in Rialto, CA, Spray-Tech/Junair is an American brand whose products have achieved international reach & relevance.

Spray-Tech/Junair produces some of the world's most efficient industrial finishing products that deliver exceptional results while leading the industry in eco-friendly design. Spray-Tech/Junair is dedicated to doing business without damaging the environment; that's why we utilize solar-panel technology to run our manufacturing facility.

### REQUEST A QUOTE :



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[SALES@SPRAYTECH.COM](mailto:SALES@SPRAYTECH.COM)

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