



The Premier

The Spray-Tech Premier Down Draft spray booth is designed to provide the collision repair industry the best choice for painting cars.

Full ceiling intake air filters provide uniform airflow throughout the booth cabin, while the central floor exhaust system accelerates over spray away from the vehicle. Direct Fired heat is instantaneous, and highly fuel efficient. Strategically located light fixtures are engineered into the booth cabin to provide uniform color corrected cabin illumination.



Where Craftsmanship Meets Technology®

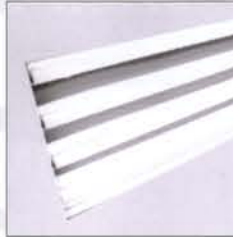


The Premier

FULL DOWN DRAFT SPRAY BOOTH

NEW!

High Output Light Fixture With Mirrored Reflector.



NEW!

Multi Position Direct Fired Furnace



NEW!

Speed Convection Control System



CABIN

The Spray-Tech Premier Down Draft spray booth is designed to exceed the highest standards set for production paint booths. The double wall cabin comes fully insulated, and is powder coated white inside and out. Standard configurations include drive in/back out, drive thru, or with side load doors. The modular construction allows for extended lengths, and can be easily customized.

LIGHTING

All Spray-Tech Premier spray booths include deluxe ETL listed, energy efficient high output light fixtures. Our exclusive mirrored reflector intensifies the light generated by our color corrected, 32 Watt, T-8 tubes into the spray booth and onto your work. Horizontal inside access side wall and hip lighting ensures perfect illumination.

FILTRATION

The Spray-Tech Premier Down Draft spray booth comes complete with high quality roof blanket intake air filters, and easily replaceable floor exhaust media.

Roof blanket filters are installed in rigid hinged filter frames, with positive pressure locking edges. Air entering the booth is balanced through the integrated internal plenum providing even distribution over the vehicle. Pre-filters are standard equipment, which greatly increases the life cycle of the roof filters.

Floor exhaust filters are industry standard, high capacity disposable media, and are readily replaced for minimum downtime. A two meter wide double row pit comes standard with an upgradeable full filtered floor. The upgrade has the option of a basement with internal or external ramps.

HEAT

Booth heating comes from an ETL listed 1 (or 1.5) Million BTU direct fired furnace. This energy saving burner instantly delivers as much heat as required, so savings are realized every time the unit is used. Full re-circulation during the bake cycle further increases fuel efficiency, and its' modular design allows the unit to be mounted in various configurations.

SYSTEM CONTROL

All booth functions are operated and monitored through the Speed Convection Control System, which can be placed in any convenient area. Individual controls are located behind an industrial strength poly-carbonate keypad, which can be easily cleaned. The large backlit digital display includes eight different settings, including pre-set spray, flash, purge, bake, and cool off cycles. Additional functions can be field programmed to further tailor the system to meet individual paint manufacturers' specifications.

Automatic timers record booth usage, providing an overview of production hours. This information allows for review of booth productivity, overall cost of operation, and equipment maintenance.

Additional features include a filter monitoring sensor to indicate when intake and exhaust filters need to be changed, energy saving components to deactivate lighting and compressed air during the bake cycle, and a total system shut down at the end of the cool down cycle.

The central feature of the Spray-Tech system are (2) fan speed controllers (variable frequency drives), which automatically monitor and maintain booth cabin pressure. This ensures maximum booth performance, and allows for a "soft start" of the blower motors (which will lessen electrical demands and increase motor life).



The Premier

WITH JUNAIR QADS



Corner Mounted QAD With Pneumatic Controlled Door

TOTAL SYSTEM

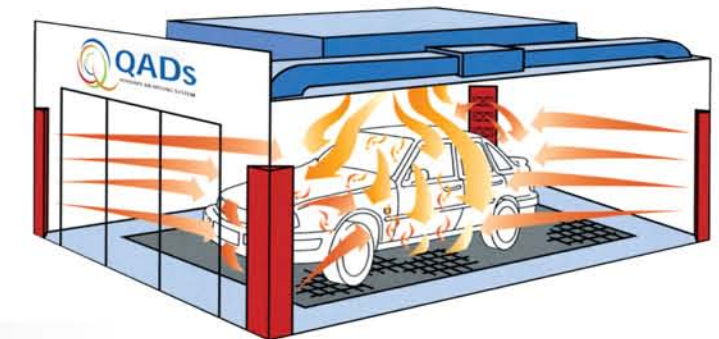
Every Spray-Tech Premier spray booth is pre-engineered to use Junair QADS in any new installation, or as a future retrofit. The QADS immediately decrease cycle times with all solvent based paint, and truly excel when water based paints are used.

Currently used throughout Europe, the time tested Junair QADS system was developed with the assistance of paint manufacturers for operation during both the flash and bake cycles.

The QADS system provided with the Spray-Tech Premier spray booth operates seamlessly with the Speed Convection Control System. The system can be tailored to accept multiple spray and flash cycles. The painter applies his base coat, exits the booth and presses the Speed Convection Mode button to put the system in the Accelerated Flash-Off Mode. The QADS doors open automatically, the blowers start and the heat is increased moderately to begin the process. This process is timed based on the particular paint being used. When the flash time elapses the QADS shut off and the booth returns to spray temperature for the next coat, clear coat for example. This coat is then flashed in the same manner and the booth goes into the bake mode. The QADS operate in the bake mode as well.

The QADS secret is elegantly simple yet highly effective. The directionally controlled nozzles interrupt the laminar downward flow of air over the car. This clean dry air replaces the air resting next to the panel that has become saturated with solvent (V.O.C. or water). This allows more solvent/water to be removed from the panel and the cycle repeats. This cycle allows a QADS equipped spray booth to cure paint work 10-30% faster than ever before and that means more paint work through your booth and more jobs through your shop.

The use of the Junair QADS system (European designed and US manufactured) in conjunction with the Spray-Tech Premier Downdraft spray booth (Made In The USA) is another example of "Where Craftsmanship Meets Technology."



Premier PE Down Draft

MODEL	TIDD24	TIDD27	TIDD30
Inside Dimensions	24' L x 14' W x 9' H	27'6" L x 14' W x 9' H	29'9" L x 14' W x 9' H
Exterior Dimensions	24'4" L x 17'6" W x 10'8" H	27'10" L x 17'6" W x 10'8" H	30'1" L x 20' W x 10'8" H
Lights / Tubes	17 - 68 Ea.	21 - 84 Ea.	25 - 100 Ea.
Exhaust Fan / Motor / CFM	32" Dia. / 5hp / 14,000	32" Dia. / 5hp / 14,000	42" Dia. / 5hp / 19,000
Blower / Motor	Turbine / 10hp	Turbine / 10hp	Turbine / 15hp
Main Door Opening*	9' H x 9'4" W Tri Fold	9' H x 9'4" W Tri Fold	9' H x 9'4" W Tri Fold
Personnel Doors	1 @ 36" x 84"	1 @ 36" x 84"	1 @ 36" x 84"
Filters: In - 32" x 98" / Ex	8 Ea. / 6'6" x 19'8"	9 Ea. / 6'6" x 23'	10 Ea. / 6'6" x 26'3"

*Tri fold includes additional personnel door





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