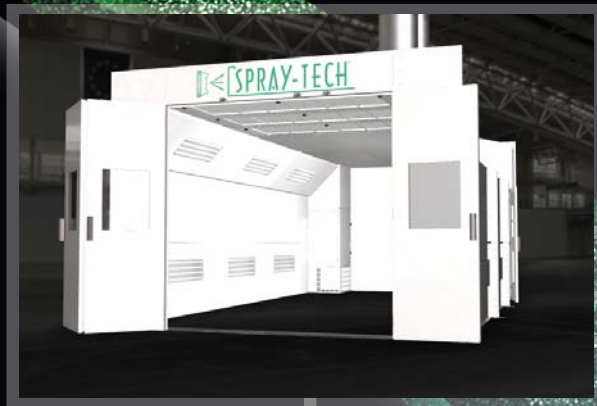




Thermaire Power Semi-Down Draft Spraybooth

MODEL	TDD/CE24	TDD/CE28	TDD/CE31
Inside Dimensions	24'L x 14'W x 9'H	28'L x 14'W x 9'H	31'L x 14'W x 9'H
Exterior Dimensions	24'L x 14'6"W x 12'2"H	28'L x 14'6"W x 12'2"H	31'L x 14'6"W x 12'2"H
Lights / Tubes	12 / 48	12 / 48	16 / 64
Exhaust Fan / Motor	32" / 5HP	32" / 5HP	32" / 5HP
CFM @ Static Pressure	15,9000 @ .7"	15,9000 @ .7"	15,9000 @ .7"
Blower / Motor	18.5" / 7.5HP	18.5" / 7.5HP	18.5" / 7.5HP
Main Door Opening	9' x 9'	9' x 9'	9' x 9'
Personnel Doors	1	1	1

Thermaire Insulated Power Semi-Down Draft Spraybooth

MODEL	TIDD/CE24	TIDD/CE28	TIDD/CE31
Inside Dimensions	24'L x 14'W x 9'H	28'L x 14'W x 9'H	31'L x 14'W x 9'H
Exterior Dimensions	24'L x 14'6"W x 12'2"H	28'L x 14'6"W x 12'2"H	31'L x 14'6"W x 12'2"H
Lights / Tubes	12 / 48	12 / 48	16 / 64
Exhaust Fan / Motor	32" / 5HP	32" / 5HP	32" / 5HP
CFM @ Static Pressure	15,9000 @ .7"	15,9000 @ .7"	15,9000 @ .7"
Blower / Motor	18.5" / 7.5HP	18.5" / 7.5HP	18.5" / 7.5HP
Main Door Opening	9' x 9'	9' x 9'	9' x 9'
Personnel Doors	1	1	1

This is the fully upgraded version of the Semi-Down Draft. You get all the classic features of the standard Semi-Down with the added benefits that come with an 80% heated air recirculation system, pressurized air intake, and our power-semi exhaust.



New System Control
Easier!
Safer!
More Efficient!



Where Craftsmanship Meets Technology®



Thermaire Power Semi <Down Draft Spraybooth



CABIN

The Spray-Tech Thermaire Power Semi-Down Draft Corner Exhaust cabin comes with single wall or insulated double wall construction. All cabins are powder coated white for maximum reflectivity. Our standard models have the internal dimensions of 14' wide x 9' high and come in 24', 28', and 31' lengths. If you have special spacial requirements, our modular construction allows for a custom fit. Our cabins are structurally engineered and easy to assemble.

LIGHTING

All Spray-Tech Thermaire spraybooths come with our ETL listed 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. These units use electronic ballasts for fast starts and low energy consumption.

FILTRATION

The Spray-Tech Power-Semi Down Draft Corner Exhaust incorporates Intake Pre-Filters, and comes with high quality roof blanket air intake filters that clean the air down to 10 microns.

The Power-Semi Exhaust features an "N" style filter grid housed inside a tower which makes the air exit low and in the corners at the rear of the booth, keeping overspray down and away from your work.

Our unique tower and filter grid design allows for the installation of more exhaust media with fewer filter changes, saving you time and money!

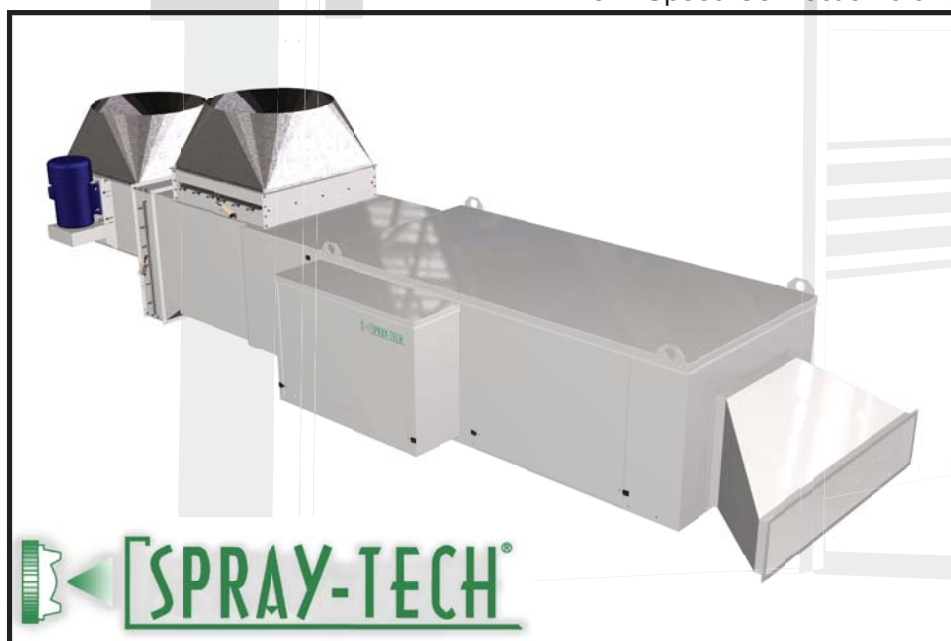
HEAT

Booth heating comes from an ETL listed, energy saving, 1 million or 1.5 million BTU direct fired furnace that is mounted on top of the booth, and is powered by a tuned push/pull blower combination for maximum air changes with considerable attention given to noise level and power consumption.

SYSTEM CONTROL

All booth functions are monitored and controlled by our new "Speed Convection 6.0" Spray Booth Monitoring and Control System.

When the painter pulls the car into the booth, he engages in the Prep Mode. Air is re-circulated to save energy. When he pushes the Spray button, the dampers move within 10 seconds to 100% Fresh Air Intake. The Direct Fired Furnace takes the booth to spray temperature within those same 10 seconds, and you are ready to spray. Ther temperature and process times for all modes are set to their previous settings. At any time the operator can change any setting "on the fly". There are no menus to memorize or screens to scroll through, just push the button you want and go to work!



Thermaire Power Semi <Down Draft Spraybooth



The president of Spray-Tech personally inspecting the ceiling of the Power Semi to ensure its structural integrity to support the heating and air re-circulation system.

PRODUCT DEVELOPMENT

At Spray-Tech, we fully test and prove our products before they are ever shipped to a customer. The images on the left and below show development of the Thermaire Power-Semi. Infact, that's our president *personally* inspecting the booth! The latest CAD software and automated machinery were extensively used to ensure the percision of fit and function for this booth, and all of our products. They are easy to install and engineered to last.



The president of Spray-Tech in action. This hands-on leader demands the best from his products by bringing out the best in his employees.

**We Design, Engineer, and Test
All of Our Products On Site!**



got QADs™?
**Increase Your
Productivity & Your
Profitability!**



Adding QADs™ to your setup can benefit you in several ways and is **essential** for water borne paints. Some of the benefits include:

- Energy reduction of up to 40%!
- Shorten cycle times up to 35%.
- Clean air flow.
- Complete more jobs.
- Get consistent results.

