



SEMI-DOWN BOOTHS

Truck and Large Equipment Booths

A Rohner Semi-Down Booth provides the benefit of down-draft airflow without the extra expense of concrete pit construction. Rohner offers several standard sizes and expandable configurations to meet your truck and large equipment needs.



Rohner Semi-Down Booths are a great way to bring the advantages of down-draft air-flow into your facility. A standard Rohner Semi-Down Booth draws non-pressurized fresh filtered air from the ceiling-mounted supply plenum. Air flows vertically over the entire work area and out through low side-wall exhaust plenums creating an ideal spray coverage environment.

Customization: Catalog Standard Rohner Semi-Down Booths are easily customized to achieve any size required. Conveyor slots or part openings can be located in any configuration. Rohner's integral booth structure can be engineered to support MAUs, conveyor, crane rails and product loads. Booth pressurization can be added by an optional supply fan or heated makeup air unit. All Rohner booths can be fitted with multiple product and man doors. Choose any combination of Rohner's customizable options to suit nearly any desired configuration.

Components: Rohner uses spark resistant belt-driven Tube Axial Fans w/ TEFC Motors for all Semi-Down Booths, available for both single-phase and 3-phase electrical supply. All Rohner booths utilize UL listed 4-tube light fixtures with 4'-0" long T-8 fluorescent tubes providing ample light. Color-true Fluorescent tubes are included as standard on each Rohner booth. Each booth is supplied with a spray air interlock solenoid. Optional Makeup air units and UL listed NEMA 12 Industrial Control Panels are available for all Semi-Down Booths.

APPLICATIONS

Rohner Semi-Down Booths provide a superior spray environment for a variety of large products. Semi-Down Booths can be designed as a drive in/back out application or a flow-through production line.

Rohner Semi-Down Booths offer consistent airflow through the entire spray area. Semi-Down Booths are an ideal option for fleet refinishers requiring exceptional quality.

Rohner Semi-Down Booths are designed with air flows in excess of 60' per/min. and are designed to meet NFPA 33 and OSHA 29 CFR 1910.107 (refer to local codes for additional requirements).

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Construction: Rohner booths are fabricated using G-90 galvanized 18 ga. sheet steel panels and heavy gauge cold-formed steel structure capable of free-spans in excess of 50'-0" and galvanized for superior corrosion resistance. Modular structure design makes it possible for compact booth component crating, reducing shipping costs.



STANDARD FEATURES

- Multiple Standard Sizes
- 18 Galvanized Construction
- CNC Precision-punched, Nut & Bolt Construction
- Exploded Assembly Drawings for Easy Field Installation
- Tube Axial Exhaust Fans w/ Aluminum Blades & TEFC Motors
- Fiberglass Exhaust Filters
- UL Listed High Efficiency T-8 Fluorescent Light Fixtures
 - Manometer
 - 1 Year Warranty

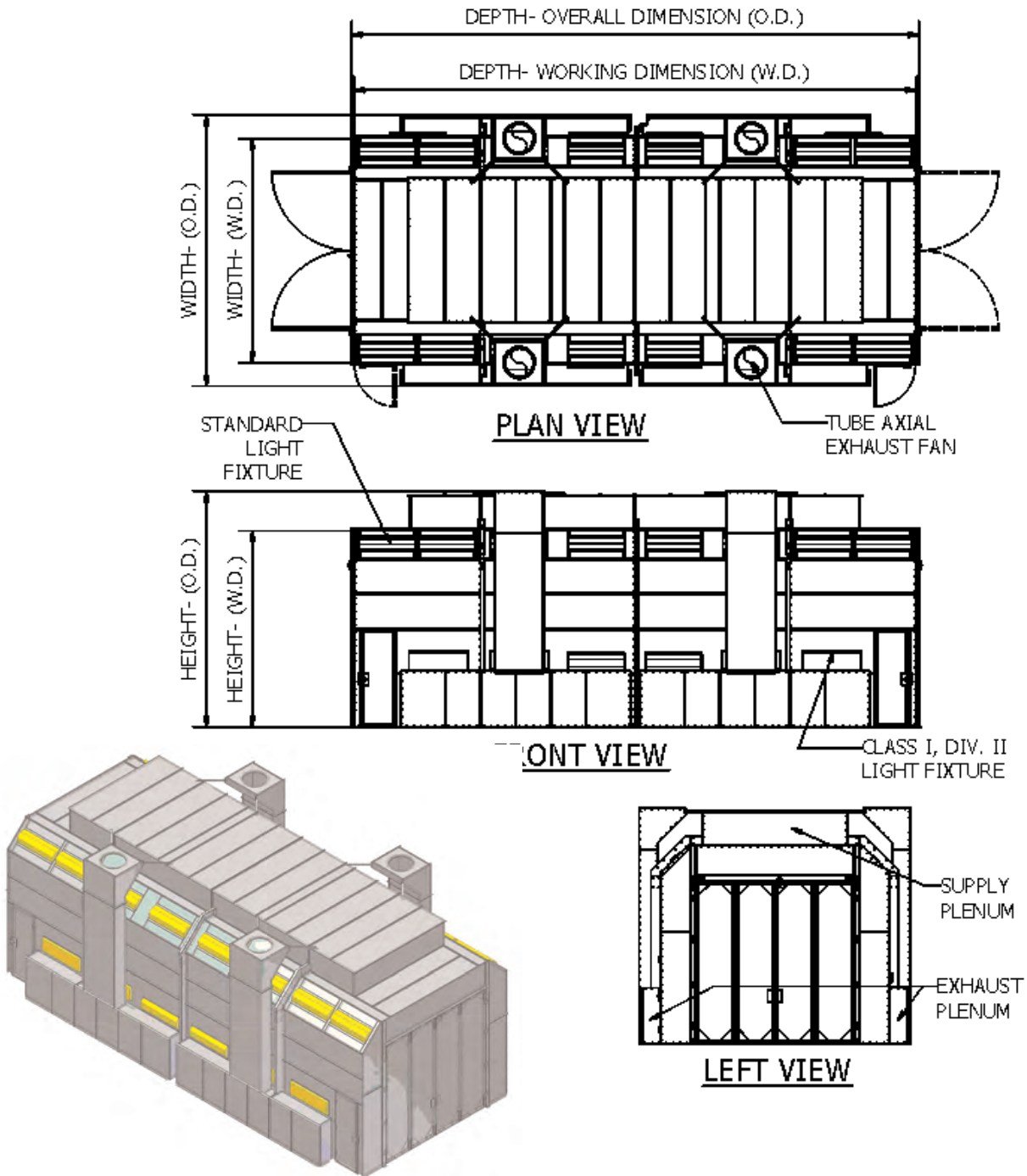
From lighting, air flow and temperature control to environmental safety, speed and versatility – our booths are designed to meet your most demanding finishing and refinishing requirements.

Model	Working Dimensions			Outside Dimensions			Fixtures		Exhaust Filters	Exhaust Fan Size	Intake Filters	Door Size	Product # of Man Doors
	Width	Height	Depth	Width	Height	Depth	Std Lights	Class I Div II					
14' - 0" Wide													
TSD-WP-14-10-24-CP	14'-0"	10'-0"	24'-0"	18'-4"	13'-6"	24'-4"	3	5	36	(2)30" 2hp- 19980cfm	40	10x10	1
TSD-WP-14-10-26-CP	14'-0"	10'-0"	26'-0"	18'-4"	13'-6"	26'-4"	5	5	36	(2)30" 2hp- 19980cfm	65	10x10	1
TSD-WP-14-10-30-CP	14'-0"	10'-0"	30'-0"	18'-4"	13'-6"	30'-4"	7	5	52	(2)30" 3hp- 24440cfm	75	10x10	1
TSD-WP-14-10-36-CP	14'-0"	10'-0"	36'-0"	18'-4"	13'-6"	36'-4"	9	5	68	(2)30" 5hp- 29990cfm	85	10x10	1
TSD-WP-14-12-24-CP	14'-0"	12'-0"	24'-0"	18'-4"	15'-6"	24'-4"	6	4	36	(2)30" 2hp- 19980cfm	40	10x12	1
TSD-WP-14-12-26-CP	14'-0"	12'-0"	26'-0"	18'-4"	15'-6"	26'-4"	8	4	36	(2)30" 2hp- 19980cfm	65	10x12	1
TSD-WP-14-12-30-CP	14'-0"	12'-0"	30'-0"	18'-4"	15'-6"	30'-4"	10	4	52	(2)30" 3hp- 24440cfm	75	10x12	1
TSD-WP-14-12-36-CP	14'-0"	12'-0"	36'-0"	18'-4"	15'-6"	36'-4"	12	4	68	(2)30" 5hp- 29990cfm	85	10x12	1
TSD-WP-14-14-24-CP	14'-0"	14'-0"	24'-0"	18'-4"	17'-6"	24'-4"	7	4	36	(2)30" 2hp- 19980cfm	40	10x14	1
TSD-WP-14-14-26-CP	14'-0"	14'-0"	26'-0"	18'-4"	17'-6"	26'-4"	10	4	36	(2)30" 2hp- 19980cfm	65	10x14	1
TSD-WP-14-14-30-CP	14'-0"	14'-0"	30'-0"	18'-4"	17'-6"	30'-4"	12	4	52	(2)30" 3hp- 24440cfm	75	10x14	1
TSD-WP-14-14-36-CP	14'-0"	14'-0"	36'-0"	18'-4"	17'-6"	36'-4"	13	4	68	(2)30" 5hp- 29990cfm	85	10x14	1
TSD-WP-14-16-24-CP	14'-0"	16'-0"	24'-0"	18'-4"	19'-6"	24'-4"	10	4	36	(2)30" 2hp- 19980cfm	40	10x16	1
TSD-WP-14-16-26-CP	14'-0"	16'-0"	26'-0"	18'-4"	19'-6"	26'-4"	12	4	36	(2)30" 2hp- 19980cfm	65	10x16	1
TSD-WP-14-16-30-CP	14'-0"	16'-0"	30'-0"	18'-4"	19'-6"	30'-4"	14	4	52	(2)30" 3hp- 24440cfm	75	10x16	1
TSD-WP-14-16-36-CP	14'-0"	16'-0"	36'-0"	18'-4"	19'-6"	36'-4"	16	4	68	(2)30" 5hp- 29990cfm	85	10x16	1
TSD-WP-14-18-24-CP	14'-0"	18'-0"	24'-0"	18'-4"	21'-6"	24'-4"	12	4	36	(2)30" 2hp- 19980cfm	40	10x18	1
TSD-WP-14-18-26-CP	14'-0"	18'-0"	26'-0"	18'-4"	21'-6"	26'-4"	14	4	36	(2)30" 2hp- 19980cfm	65	10x18	1
TSD-WP-14-18-30-CP	14'-0"	18'-0"	30'-0"	18'-4"	21'-6"	30'-4"	16	4	52	(2)30" 3hp- 24440cfm	75	10x18	1
TSD-WP-14-18-36-CP	14'-0"	18'-0"	36'-0"	18'-4"	21'-6"	36'-4"	17	5	68	(2)30" 5hp- 29990cfm	85	10x18	1
16' - 0" Wide													
TSD-WP-16-12-24-CP	16'-0"	12'-0"	24'-0"	20'-4"	15'-6"	24'-4"	7	4	36	(2)30" 3hp- 24440cfm	48	12x12	1
TSD-WP-16-12-26-CP	16'-0"	12'-0"	26'-0"	20'-4"	15'-6"	26'-4"	8	4	36	(2)30" 3hp- 24440cfm	78	12x12	1
TSD-WP-16-12-30-CP	16'-0"	12'-0"	30'-0"	20'-4"	15'-6"	30'-4"	10	4	52	(2)30" 5hp- 29990cfm	90	12x12	1
TSD-WP-16-12-36-CP	16'-0"	12'-0"	36'-0"	20'-4"	15'-6"	36'-4"	12	4	68	(2)36" 5hp- 36270cfm	108	12x12	1
TSD-WP-16-12-40-CP	16'-0"	12'-0"	40'-0"	20'-4"	15'-6"	40'-4"	16	4	72	(2)36" 5hp- 36270cfm	120	12x12	1
TSD-WP-16-12-50-CP	16'-0"	12'-0"	50'-0"	20'-4"	15'-6"	50'-4"	20	4	92	(2)42" 5hp- 42870cfm	150	12x12	1
TSD-WP-16-12-60-CP	16'-0"	12'-0"	60'-0"	20'-4"	15'-6"	60'-4"	22	8	112	(4)30" 5hp- 59980cfm	180	12x12	2
TSD-WP-16-14-24-CP	16'-0"	14'-0"	24'-0"	20'-4"	17'-6"	24'-4"	10	4	36	(2)30" 3hp- 24440cfm	48	12x14	1
TSD-WP-16-14-26-CP	16'-0"	14'-0"	26'-0"	20'-4"	17'-6"	26'-4"	12	4	36	(2)30" 3hp- 24440cfm	78	12x14	1
TSD-WP-16-14-30-CP	16'-0"	14'-0"	30'-0"	20'-4"	17'-6"	30'-4"	14	4	52	(2)30" 5hp- 29990cfm	90	12x14	1
TSD-WP-16-14-36-CP	16'-0"	14'-0"	36'-0"	20'-4"	17'-6"	36'-4"	16	4	68	(2)36" 5hp- 36270cfm	108	12x14	1
TSD-WP-16-14-40-CP	16'-0"	14'-0"	40'-0"	20'-4"	17'-6"	40'-4"	18	4	72	(2)36" 5hp- 36270cfm	120	12x14	1
TSD-WP-16-14-50-CP	16'-0"	14'-0"	50'-0"	20'-4"	17'-6"	50'-4"	24	4	92	(2)42" 5hp- 42870cfm	150	12x14	1
TSD-WP-16-14-60-CP	16'-0"	14'-0"	60'-0"	20'-4"	17'-6"	60'-4"	25	8	112	(4)30" 5hp- 59980cfm	180	12x14	2
TSD-WP-16-16-24-CP	16'-0"	16'-0"	24'-0"	20'-4"	19'-6"	24'-4"	12	4	36	(2)30" 3hp- 24440cfm	48	12x16	1
TSD-WP-16-16-26-CP	16'-0"	16'-0"	26'-0"	20'-4"	19'-6"	26'-4"	14	4	36	(2)30" 3hp- 24440cfm	78	12x16	1
TSD-WP-16-16-30-CP	16'-0"	16'-0"	30'-0"	20'-4"	19'-6"	30'-4"	16	4	52	(2)30" 5hp- 29990cfm	90	12x16	1
TSD-WP-16-16-36-CP	16'-0"	16'-0"	36'-0"	20'-4"	19'-6"	36'-4"	18	4	68	(2)36" 5hp- 36270cfm	108	12x16	1
TSD-WP-16-16-40-CP	16'-0"	16'-0"	40'-0"	20'-4"	19'-6"	40'-4"	21	4	72	(2)36" 5hp- 36270cfm	120	12x16	1
TSD-WP-16-16-50-CP	16'-0"	16'-0"	50'-0"	20'-4"	19'-6"	50'-4"	28	4	92	(2)42" 5hp- 42870cfm	150	12x16	1
TSD-WP-16-16-60-CP	16'-0"	16'-0"	60'-0"	20'-4"	19'-6"	60'-4"	30	8	112	(4)30" 5hp- 59980cfm	180	12x16	2
TSD-WP-16-18-24-CP	16'-0"	18'-0"	24'-0"	20'-4"	21'-6"	24'-4"	14	4	36	(2)30" 3hp- 24440cfm	48	12x18	1
TSD-WP-16-18-26-CP	16'-0"	18'-0"	26'-0"	20'-4"	21'-6"	26'-4"	16	4	36	(2)30" 3hp- 24440cfm	78	12x18	1
TSD-WP-16-18-30-CP	16'-0"	18'-0"	30'-0"	20'-4"	21'-6"	30'-4"	17	4	52	(2)30" 5hp- 29990cfm	90	12x18	1
TSD-WP-16-18-36-CP	16'-0"	18'-0"	36'-0"	20'-4"	21'-6"	36'-4"	21	4	68	(2)36" 5hp- 36270cfm	108	12x18	1
TSD-WP-16-18-40-CP	16'-0"	18'-0"	40'-0"	20'-4"	21'-6"	40'-4"	26	4	72	(2)36" 5hp- 36270cfm	120	12x18	1
TSD-WP-16-18-50-CP	16'-0"	18'-0"	50'-0"	20'-4"	21'-6"	50'-4"	32	4	92	(2)42" 5hp- 42870cfm	150	12x18	1
TSD-WP-16-18-60-CP	16'-0"	18'-0"	60'-0"	20'-4"	21'-6"	60'-4"	36	8	112	(4)30" 5hp- 59980cfm	180	12x18	2

Model	Working Dimensions			Outside Dimensions			Fixtures		Exhaust Filters	Exhaust Fan Size	Intake Filters	Product Door Size	# of Man Doors
	Width	Height	Depth	Width	Height	Depth	Std Lights	Class I Div II					
18' - 0" Wide													
TSD-WP-18-14-30-CP	18'-0"	14'-0"	30'-0"	22'-4"	17'-6"	30'-4"	16	4	52	(2)30" 5hp- 29990cfm	105	14x14	1
TSD-WP-18-14-36-CP	18'-0"	14'-0"	36'-0"	22'-4"	17'-6"	36'-4"	20	4	68	(2)36" 5hp- 36270cfm	126	14x14	1
TSD-WP-18-14-40-CP	18'-0"	14'-0"	40'-0"	22'-4"	17'-6"	40'-4"	22	4	72	(2)42" 5hp- 42870cfm	140	14x14	1
TSD-WP-18-14-50-CP	18'-0"	14'-0"	50'-0"	22'-4"	17'-6"	50'-4"	27	4	92	(2)42" 7.5hp- 51800cfm	175	14x14	1
TSD-WP-18-14-60-CP	18'-0"	14'-0"	60'-0"	22'-4"	17'-6"	60'-4"	29	8	112	(4)30" 5hp- 59980cfm	210	14x14	2
TSD-WP-18-16-30-CP	18'-0"	16'-0"	30'-0"	22'-4"	19'-6"	30'-4"	17	4	52	(2)30" 5hp- 29990cfm	105	14x16	1
TSD-WP-18-16-36-CP	18'-0"	16'-0"	36'-0"	22'-4"	19'-6"	36'-4"	21	4	68	(2)36" 5hp- 36270cfm	126	14x16	1
TSD-WP-18-16-40-CP	18'-0"	16'-0"	40'-0"	22'-4"	19'-6"	40'-4"	26	4	72	(2)42" 5hp- 42870cfm	140	14x16	1
TSD-WP-18-16-50-CP	18'-0"	16'-0"	50'-0"	22'-4"	19'-6"	50'-4"	32	4	92	(2)42" 7.5hp- 51800cfm	175	14x16	1
TSD-WP-18-16-60-CP	18'-0"	16'-0"	60'-0"	22'-4"	19'-6"	60'-4"	36	8	112	(4)30" 5hp- 59980cfm	210	14x16	2
TSD-WP-18-18-30-CP	18'-0"	18'-0"	30'-0"	22'-4"	21'-6"	30'-4"	20	4	52	(2)30" 5hp- 29990cfm	105	14x18	1
TSD-WP-18-18-36-CP	18'-0"	18'-0"	36'-0"	22'-4"	21'-6"	36'-4"	24	4	68	(2)36" 5hp- 36270cfm	126	14x18	1
TSD-WP-18-18-40-CP	18'-0"	18'-0"	40'-0"	22'-4"	21'-6"	40'-4"	28	4	72	(2)42" 5hp- 42870cfm	140	14x18	1
TSD-WP-18-18-50-CP	18'-0"	18'-0"	50'-0"	22'-4"	21'-6"	50'-4"	36	4	92	(2)42" 7.5hp- 51800cfm	175	14x18	1
TSD-WP-18-18-60-CP	18'-0"	18'-0"	60'-0"	22'-4"	21'-6"	60'-4"	42	8	112	(4)30" 5hp- 59980cfm	210	14x18	2
20' - 0" Wide													
TSD-WP-20-14-30-CP	20'-0"	14'-0"	30'-0"	24'-4"	17'-6"	30'-4"	18	4	52	(2)36" 5hp- 36270cfm	120	16x14	1
TSD-WP-20-14-36-CP	20'-0"	14'-0"	36'-0"	24'-4"	17'-6"	36'-4"	20	4	68	(2)42" 5hp- 42870cfm	144	16x14	1
TSD-WP-20-14-40-CP	20'-0"	14'-0"	40'-0"	24'-4"	17'-6"	40'-4"	24	4	72	(2)42" 5hp- 42870cfm	160	16x14	1
TSD-WP-20-14-50-CP	20'-0"	14'-0"	50'-0"	24'-4"	17'-6"	50'-4"	26	8	92	(4)30" 5hp- 59980cfm	200	16x14	1
TSD-WP-20-14-60-CP	20'-0"	14'-0"	60'-0"	24'-4"	17'-6"	60'-4"	34	8	112	(4)36" 5hp- 72540cfm	240	16x14	2
TSD-WP-20-16-30-CP	20'-0"	16'-0"	30'-0"	24'-4"	19'-6"	30'-4"	20	4	52	(2)36" 5hp- 36270cfm	120	16x16	1
TSD-WP-20-16-36-CP	20'-0"	16'-0"	36'-0"	24'-4"	19'-6"	36'-4"	24	4	68	(2)42" 5hp- 42870cfm	144	16x16	1
TSD-WP-20-16-40-CP	20'-0"	16'-0"	40'-0"	24'-4"	19'-6"	40'-4"	28	4	72	(2)42" 5hp- 42870cfm	160	16x16	1
TSD-WP-20-16-50-CP	20'-0"	16'-0"	50'-0"	24'-4"	19'-6"	50'-4"	32	8	92	(4)30" 5hp- 59980cfm	200	16x16	1
TSD-WP-20-16-60-CP	20'-0"	16'-0"	60'-0"	24'-4"	19'-6"	60'-4"	40	8	112	(4)36" 5hp- 72540cfm	240	16x16	2
TSD-WP-20-18-30-CP	20'-0"	18'-0"	30'-0"	24'-4"	21'-6"	30'-4"	22	4	52	(2)36" 5hp- 36270cfm	120	16x18	1
TSD-WP-20-18-36-CP	20'-0"	18'-0"	36'-0"	24'-4"	21'-6"	36'-4"	28	4	68	(2)42" 5hp- 42870cfm	144	16x18	1
TSD-WP-20-18-40-CP	20'-0"	18'-0"	40'-0"	24'-4"	21'-6"	40'-4"	32	4	72	(2)42" 5hp- 42870cfm	160	16x18	1
TSD-WP-20-18-50-CP	20'-0"	18'-0"	50'-0"	24'-4"	21'-6"	50'-4"	38	8	92	(4)30" 5hp- 59980cfm	200	16x18	1
TSD-WP-20-18-60-CP	20'-0"	18'-0"	60'-0"	24'-4"	21'-6"	60'-4"	46	8	112	(4)36" 5hp- 72540cfm	240	16x18	2

Standard Design Notes:

Semi-down Booth comes with passive ceiling supply air plenum, 1 product door, and man door(s) (as required by code.) Standard booth structure is engineered for booth load only- optional MAU support engineering is available. Product door sizing: product door clear opening is 12" less in width and 6" less in height than door size (i.e. 10x12 door has 9'-0" width and 11'-6" height).



STANDARD OPTIONS

- Heated Makeup Air Unit
- Drive-thru Configuration (additional Product Door)
- Replace Standard Product Door w/ Bi-fold
- Additional Man Door
- Secondary Exhaust Blanket Media Filter System
- UL listed NEMA 12 industrial control panel
- Auto-booth pressure, VFD controlled exhaust system
- Seismic engineering

CUSTOMIZABLE OPTIONS

- Custom sizing and configurations
- Powder coated white construction
- Crane rail support structure
- Conveyor system integration
- NESHAP 319 filtration
- ETL field evaluated label
- Actuated product doors
- Coiling roll-up doors