



SALES LITERATURE CATALOG



OPEN FRONT BOOTH



Designed for both batch and conveyerized production systems, RTT's Open Front Booths offer a safe environment for any type of finishing operation. Air flows in the open front of the booth, passes through the booth's working area, and into the filtered exhaust chamber located in the rear of the booth. This filtered exhaust air is drawn through the exhaust plenum and discharged upward into the atmosphere through the exhaust stack. To make efficient use of your valuable floor space, RTT's Industrial Booths are available in a range of standard sizes to accommodate your finishing needs. Custom sizes and designs are available to accommodate site specific needs including conveyor and crane slots/openings.

RTT's booths are easy to install and simple to maintain. The quality and workmanship of RTT's spray booths allow us to offer a 5-year warranty when using high performance W-Series RP Arrestor exhaust filters manufactured by RTT.



Booth Features

- RTT booths are constructed from heavy duty 18-gauge, prime quality galvanized steel and engineered with corresponding support structure.
- All panels and support members are laser cut and precision formed for consistent fit allowing for easy nut and bolt assembly.
- RTT booths ship with industry leading E-Light LED lighting which provides lower energy usage, exceptionally longer life, truer color rendering, reduced maintenance costs and includes a 5-year warranty.
- LED lighting is constructed of 22-gauge steel which is powder coated white, and available in 4000 and 8000 lumen models. E-Lights are ETL listed for US and Canada with Class 1 Division 2, Group A, B, C, D and Class 2 division 2, Group F and G ratings.
- High efficiency W-Series RP Paint Arrestor blanket media ships with every booth for extended life, increased depth loading and holding capacity. The blanket filters are secured in place with RTT FilterLoc technology which provides a tighter seal to the booth eliminating overspray bypass while providing quick and easy filter change outs.
- All RTT booths utilize efficient and quality brand-name tube-axial fans and motors.
- Air solenoid valve Interlocked to the exhaust fan and air supply for the spray application equipment is also included.
- RTT booths meet and/or exceed quality performance standards and all applicable OSHA and NFPA regulations.

Booth Options

- Air Make-up Units (AMU's) and intake chambers
- Filtration options including: 2-Stage, 3-stage, NESHAP
- Reduced and or variable air flows for automatic spray operations
- Durable powder coated white
- Control panel and other electrical components can be purchased separately
- Conveyor and crane slots/openings
- Roll-up, bifold or trifold doors
- Exhaust ductwork



Optional UL & ETL listed control panel



Air solenoid valve



5/16" bolts with serrated lock nut



Industry-leading LED lighting with 5-year warranty

OPEN FRONT BOOTH



Selecting a Booth Size

RTT can design and build spray booths in a variety of sizes and configurations. Although our team can engineer a custom booth to fit your needs, below are standard sizes that are quickly available to you.

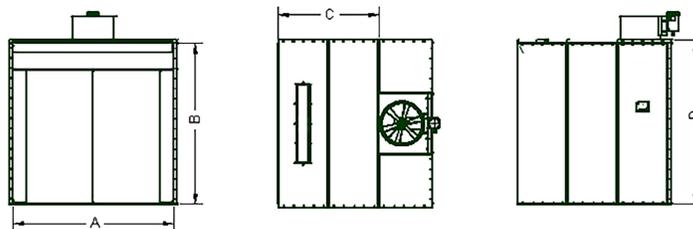
Model Number	Interior Dimensions			Exterior Dimensions			Qty. Lights	Fan Diameter	Fan HP	SCFM @ 1/2" SP	Shipping Weight
	Width	Height	Length	Width	Height	Length					
IB-04-07-05-00-S*	4'-0"	7'-0"	5'-0"	4'-4"	7'-2"	7'-2"	0	18"	.75HP	3,500	675
IB-06-07-05-00-S*	6'-0"	7'-0"	5'-0"	6'-4"	7'-2"	7'-8"	1	24"	1HP	5,250	940
IB-08-07-05-00-S*	8'-0"	7'-0"	5'-0"	8'-4"	7'-2"	7'-8"	1	24"	2HP	7,150	1,240
IB-10-07-05-00-S*	10'-0"	7'-0"	5'-0"	10'-4"	7'-2"	8'-2"	2	30"	2HP	8,750	1,630
IB-12-07-07-00-S*	12'-0"	7'-0"	7'-0"	12'-4"	7'-2"	10'-2"	2	30"	3HP	10,500	1,870
IB-14-07-07-00-S*	14'-0"	7'-0"	7'-0"	15'-0"	7'-6"	10'-8"	2	30"	3HP	12,250	2,450
IB-16-07-07-00-S*	16'-0"	7'-0"	7'-0"	17'-0"	7'-6"	10'-8"	2	30"	5HP	14,000	2,650
IB-18-07-07-00-S*	18'-0"	7'-0"	7'-0"	19'-0"	7'-6"	11'-8"	3	36"	5HP	15,750	3,000
IB-20-07-07-00-S*	20'-0"	7'-0"	7'-0"	21'-0"	7'-6"	11'	4	36"	5HP	17,500	3,000

IB-04-08-05-00-S*	4'-0"	8'-0"	5'-0"	4'-4"	8'-2"	7'-2"	0	18"	.75HP	4,000	703
IB-06-08-05-00-S*	6'-0"	8'-0"	5'-0"	6'-4"	8'-2"	7'-8"	1	24"	1.5HP	6,000	1,020
IB-08-08-05-00-S*	8'-0"	8'-0"	5'-0"	8'-4"	8'-2"	7'-8"	1	24"	3HP	8,000	1,490
IB-10-08-05-00-S*	10'-0"	8'-0"	5'-0"	10'-4"	8'-2"	8'-2"	2	30"	3HP	10,000	1,780
IB-12-08-07-00-S*	12'-0"	8'-0"	7'-0"	12'-4"	8'-2"	10'-2"	2	30"	3HP	12,000	2,270
IB-14-08-07-00-S*	14'-0"	8'-0"	7'-0"	15'-0"	8'-6"	10'-8"	2	30"	5HP	14,000	2,600
IB-16-08-07-00-S*	16'-0"	8'-0"	7'-0"	17'-0"	8'-6"	11'-8"	2	36"	5HP	16,000	2,810
IB-18-08-07-00-S*	18'-0"	8'-0"	7'-0"	19'-0"	8'-6"	11'-8"	3	36"	5HP	18,000	3,150
IB-20-08-07-00-S*	20'-0"	8'-0"	7'-0"	21'-0"	8'-6"	11'-8"	4	42"	5HP	20,000	3,690

IB-04-10-05-00-S*	4'-0"	10'-0"	5'-0"	4'-4"	10'-2"	7'-2"	0	18"	1.5HP	5,000	1,100
IB-06-10-05-00-S*	6'-0"	10'-0"	5'-0"	6'-4"	10'-2"	7'-8"	1	24"	2HP	7,500	1,650
IB-08-10-05-00-S*	8'-0"	10'-0"	5'-0"	8'-4"	10'-2"	8'-2"	1	30"	3HP	10,000	1,900
IB-10-10-05-00-S*	10'-0"	10'-0"	5'-0"	10'-4"	10'-2"	8'-2"	2	30"	3HP	12,500	2,350
IB-12-10-07-00-S*	12'-0"	10'-0"	7'-0"	12'-4"	10'-2"	10'-2"	2	30"	5HP	15,000	2,500
IB-14-10-07-00-S*	14'-0"	10'-0"	7'-0"	15'-0"	10'-6"	11'-8"	2	36"	5HP	17,500	3,000
IB-16-10-07-00-S*	16'-0"	10'-0"	7'-0"	17'-0"	10'-6"	11'-8"	2	42"	5HP	20,000	3,400
IB-18-10-07-00-S*	18'-0"	10'-0"	7'-0"	19'-0"	10'-6"	11'-8"	3	42"	5HP	22,500	4,000
IB-20-10-07-00-S*	20'-0"	10'-0"	7'-0"	21'-0"	10'-6"	11'-8"	4	42"	7.5HP	25,000	4,400

IB-04-12-05-00-S	4'-0"	12'-0"	5'-0"	4'-4"	12'-2"	7'-8"	0	24"	1.5HP	6,000	975
IB-06-12-05-00-S*	6'-0"	12'-0"	5'-0"	6'-4"	12'-2"	7'-8"	1	24"	3HP	9,000	1,500
IB-08-12-05-00-S*	8'-0"	12'-0"	5'-0"	8'-4"	10'-2"	8'-2"	1	30"	3HP	12,000	1,700
IB-10-12-05-00-S*	10'-0"	12'-0"	5'-0"	10'-4"	12'-2"	8'-2"	2	30"	5HP	15,000	2,200
IB-12-12-07-00-S*	12'-0"	12'-0"	7'-0"	12'-4"	12'-2"	11'-2"	2	36"	5HP	18,000	2,500
IB-14-12-07-00-S*	14'-0"	12'-0"	7'-0"	15'-0"	12'-6"	11'-8"	2	42"	5HP	21,000	3,200
IB-16-12-07-00-S*	16'-0"	12'-0"	7'-0"	17'-0"	12'-6"	11'-8"	2	42"	7.5HP	24,000	3,500
IB-18-12-07-00-S*	18'-0"	12'-0"	7'-0"	19'-0"	12'-6"	11'-8"	3	42"	7.5HP	27,000	4,100
IB-20-12-07-00-S*	20'-0"	12'-0"	7'-0"	21'-0"	12'-6"	11'-8"	4	42"	10HP	30,000	4,700
Ref. Key	A	B	C		D						

*Booths ship in less than 10 days.
 ONLY for these items without any modifications.
 Any additional items on the order may impact lead time.
 Contact your RTT representative for more information.



OPEN FRONT BENCH BOOTH



RTT Open Front Bench Booths offer a safe environment for any type of finishing operation and allows easy paint application for small to medium sized parts. The Open Front Bench Booths are designed for batch type production systems, but lots of smaller shops favor this model to paint a few small items daily or weekly and maintenance departments utilize this type of booth for every day building repair projects.

Air flows in the open front of the booth, passes through the booth's working area, and into the filtered exhaust chamber located in the rear of the booth. This filtered exhaust air is drawn through the exhaust plenum and discharged upward into the atmosphere through the exhaust stack. To make efficient use of your valuable floor space, RTT Industrial Booths are available in a range of standard sizes to accommodate your finishing needs. Custom sizes and designs are available to accommodate site specific needs.

RTT booths are easy to install and simple to maintain. The quality and workmanship of RTT spray booths allow us to offer a 5-year warranty when using high performance W-Series RP Arrestor exhaust filters manufactured by RTT.



Booth Features

- RTT booths are constructed from heavy duty 18-gauge, prime quality galvanized steel and engineered with corresponding support structure.
- All panels and support members are laser cut and precision formed for consistent fit allowing for easy nut and bolt assembly.
- RTT booths ship with industry leading E-Light LED lighting which provides lower energy usage, exceptionally longer life, truer color rendering, reduced maintenance costs and includes a 5-year warranty.
- LED lighting is constructed of 22-gauge steel which is powder coated white, and available in 4000 and 8000 lumen models. E-Lights are ETL listed for US and Canada with Class 1 Division 2, Group A, B, C, D and Class 2 division 2, Group F and G ratings.
- High efficiency W-Series RP Paint Arrestor blanket media ships with every booth for extended life, increased depth loading and holding capacity. The blanket filters are secured in place with RTT FilterLoc technology which provides a tighter seal to the booth eliminating overspray bypass while providing quick and easy filter change outs.
- All RTT booths utilize efficient and quality brand-name tube-axial fans and motors.
- Air solenoid valve interlocked to the exhaust fan and air supply for the spray application equipment is also included.
- RTT booths meet and/or exceed quality performance standards and all applicable OSHA and NFPA regulations.

Booth Options

- Air Make-up Units (AMU's) and intake chambers
- Filtration options including: 2-Stage, 3-stage, NESHAP
- Reduced and or variable air flows for automatic spray operation
- Durable powder coated white
- Control panel and other electrical components can be purchased separately
- Exhaust ductwork



Optional UL & ETL listed control panel



Air solenoid valve



5/16" bolts with serrated lock nut



Industry-leading LED lighting with 5-year warranty

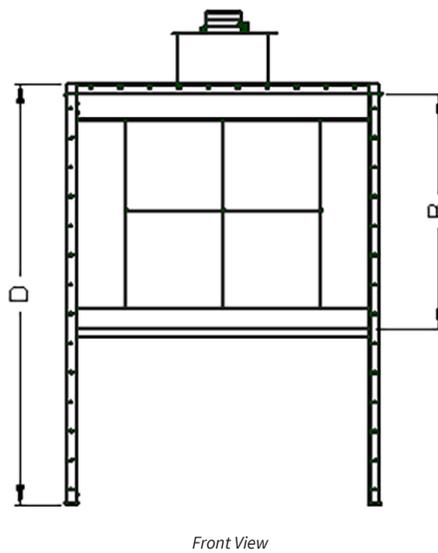
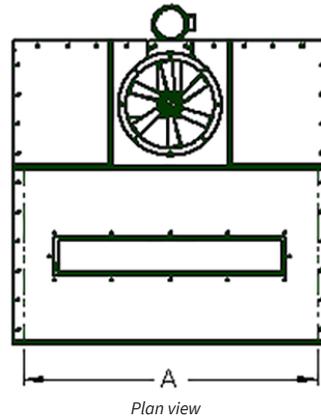
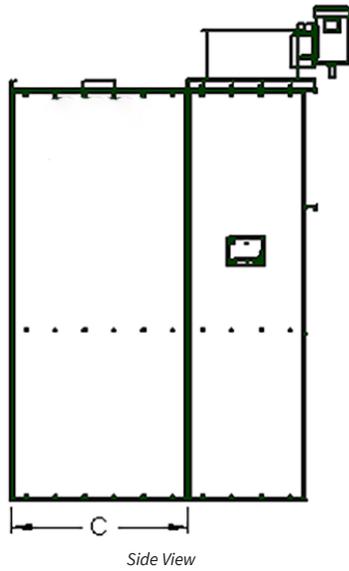
OPEN FRONT BOOTH

Selecting a Booth Size

RTT can design and build spray booths in a variety of sizes and configurations. Although our team can engineer a custom booth to fit your needs, below are standard sizes that are quickly available to you.

Model Number	Interior Dimensions			Exterior Dimensions			Qty. Lights	Fan Diameter	Fan HP	SCFM @ 1/2" SP	Shipping Weight
	Width	Height	Length	Width	Height	Length					
IBB-04-07-02-00-S	4'-0"	4'-0"	2'-0"	4'-4"	7'-2"	4'-2"	0*	18"	.75HP	2,000	675
IBB-05-07-03-00-S	5'-0"	4'-0"	3'-0"	5'-4"	7'-2"	5'-2"	1	18"	.75HP	2,500	940
IBB-06-07-03-00-S	6'-0"	4'-0"	3'-0"	6'-4"	7'-2"	5'-2"	1	18"	.75HP	3,000	1,240
IBB-08-07-03-00-S	8'-0"	4'-0"	3'-0"	8'-4"	7'-2"	5'-2"	1	18"	1HP	4,000	1,630
IBB-10-07-03-00-S	10'-0"	4'-0"	3'-0"	10'-4"	7'-2"	5'-2"	2	18"	1.5HP	5,000	1,870
IBB-12-07-03-00-S	12'-0"	4'-0"	3'-0"	12'-4"	7'-2"	5'-8"	2	24"	1.5HP	6,000	2,450
Ref. Key	A	B	C		D						

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ENCLOSED INDUSTRIAL BOOTH



RTT's Enclosed Industrial Booths are designed to produce a high-quality finish in an extremely efficient manner. Air flows in through the filtered double entry doors in the front of the booth, passes through the booth's working area, and into the filtered exhaust chamber located in the rear of the booth. This filtered exhaust air is drawn through the exhaust plenum and discharged upward into the atmosphere through the exhaust stack. To make efficient use of your valuable floor space, RTT's Enclosed Industrial Booths are available in a range of standard sizes to accommodate your finishing needs. Custom sizes are also available.

RTT booths are easy to install and simple to maintain. The quality and workmanship of RTT spray booths allow us to offer a 5-year warranty when using high performance W-Series RP Arrestor exhaust filters manufactured by RTT.



Booth Features

- RTT booths are constructed from heavy duty 18-gauge, prime quality galvanized steel and engineered with corresponding support structure.
- All panels and support members are laser cut and precision formed for consistent fit allowing for easy nut and bolt assembly.
- Doors are field hung on slotted hinges to facilitate adjustment on two axis' to compensate for field conditions. Our standard 36" wide personnel door is constructed with a square tube frame and covered with 18-gauge galvanized steel and includes an observation window.
- RTT booths ship with industry leading E-Light LED lighting which provides lower energy usage, exceptionally longer life, truer color rendering, reduced maintenance costs and includes a 5-year warranty.
- LED lighting is constructed of 22-gauge steel which is powder coated white, and available in 4000 and 8000 lumen models. E-Lights are ETL listed for US and Canada with Class 1 Division 2, Group A, B, C, D and Class 2 division 2, Group F and G ratings.
- High efficiency W-Series RP Paint Arrestor blanket media ships with every booth for extended life, increased depth loading and holding capacity. The blanket filters are secured in place with RTT FilterLoc technology which provides a tighter seal to the booth eliminating overspray bypass while providing quick and easy filter change outs.
- All RTT booths utilize efficient and quality brand-name tube-axial fans and motors.
- Air solenoid valve Interlocked to the exhaust fan and air supply for the spray application equipment is also included.
- RTT booths meet and/or exceed quality performance standards and all applicable OSHA and NFPA regulations.



UL & ETL listed control panel



Windowed personnel access doors



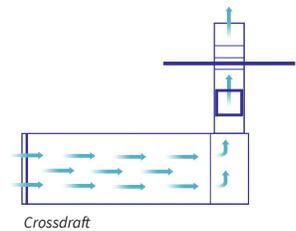
Industry-leading LED lighting with 5-year warranty



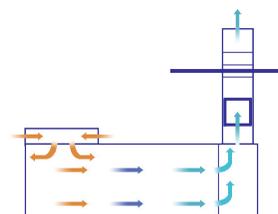
5/16" bolts with serrated lock nut

Booth Options

- Air Make-up Units (AMU's) and intake chambers
- Filtration options including: 2-Stage, 3-stage, NESHAP
- Reduced and or variable air flows for automatic spray operations
- Durable powder coated white
- Control panel and other electrical components can be purchased separately
- Conveyor and crane slots/openings
- Roll-up, bi-fold or tri-fold doors
- Exhaust ductwork



Crossdraft



Modified Downdraft



ENCLOSED INDUSTRIAL BOOTH



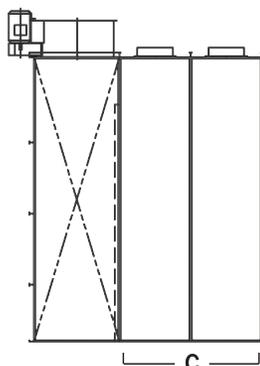
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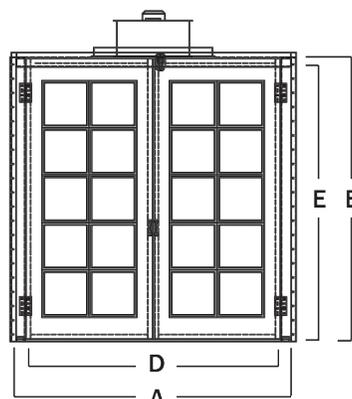
Model Number	Interior Dimensions			Exterior Dimensions			Clear Door Opening				Qty. Lights	Fan Diameter	Fan HP	SCFM @ 1/2" SP
	Width	Height	Length	Width	Height	Length	Width	Height	Qty	Type				
EIB-10-07-05-00-S*	10'-0"	7'-0"	5'-0"	10'-4"	7'-2"	7'-10"	9'-4"	6'-10.5"	1	Filtered	2	24"	2HP	7,000
EIB-12-07-07-00-S*	12'-0"	7'-0"	7'-0"	12'-4"	7'-2"	9'-10"	11'-4"	6'-10.5"	1	Filtered	2	24"	3HP	8,400
EIB-14-07-07-00-S*	14'-0"	7'-0"	7'-0"	15'-0"	7'-6"	10'-8"	13'-4"	6'-10.5"	1	Filtered	2	30"	3HP	9,800
EIB-16-07-07-00-S*	16'-0"	7'-0"	7'-0"	17'-0"	7'-6"	10'-8"	13'-4"	6'-10.5"	1	Filtered	2	30"	3HP	11,200
EIB-18-07-07-00-S*	18'-0"	7'-0"	7'-0"	19'-0"	7'-6"	10'-8"	13'-4"	6'-10.5"	1	Filtered	3	30"	3HP	12,600
EIB-20-07-07-00-S*	20'-0"	7'-0"	7'-0"	21'-0"	7'-6"	10'-8"	13'-4"	6'-10.5"	1	Filtered	4	30"	5HP	14,000
EIB-10-08-05-00-S*	10'-0"	8'-0"	5'-0"	10'-4"	8'-2"	7'-10"	9'-4"	7'-10.5"	1	Filtered	2	24"	3HP	8,000
EIB-12-08-07-00-S*	12'-0"	8'-0"	7'-0"	12'-4"	8'-2"	10'-4"	11'-4"	7'-10.5"	1	Filtered	2	30"	3HP	9,600
EIB-14-08-07-00-S*	14'-0"	8'-0"	7'-0"	15'-0"	8'-6"	10'-8"	13'-4"	7'-10.5"	1	Filtered	2	30"	3HP	11,200
EIB-16-08-07-00-S*	16'-0"	8'-0"	7'-0"	17'-0"	8'-6"	10'-8"	13'-4"	7'-10.5"	1	Filtered	2	30"	5HP	12,800
EIB-18-08-07-00-S*	18'-0"	8'-0"	7'-0"	19'-0"	8'-6"	10'-8"	13'-4"	7'-10.5"	1	Filtered	3	30"	5HP	14,400
EIB-20-08-07-00-S*	20'-0"	8'-0"	7'-0"	21'-0"	8'-6"	11'-8"	13'-4"	7'-10.5"	1	Filtered	4	36"	5HP	16,000
EIB-10-10-05-00-S*	10'-0"	10'-0"	5'-0"	10'-4"	10'-2"	8'-4"	9'-4"	9'-10.5"	1	Filtered	2	30"	3HP	10,000
EIB-12-10-07-00-S*	12'-0"	10'-0"	7'-0"	12'-4"	10'-2"	10'-4"	11'-4"	9'-10.5"	1	Filtered	2	30"	3HP	12,000
EIB-14-10-07-00-S*	14'-0"	10'-0"	7'-0"	15'-0"	10'-6"	10'-8"	13'-4"	9'-10.5"	1	Filtered	2	30"	5HP	14,000
EIB-16-10-07-00-S*	16'-0"	10'-0"	7'-0"	17'-0"	10'-6"	11'-8"	13'-4"	9'-10.5"	1	Filtered	2	36"	5HP	16,000
EIB-18-10-07-00-S*	18'-0"	10'-0"	7'-0"	19'-0"	10'-6"	11'-8"	13'-4"	9'-10.5"	1	Filtered	3	36"	5HP	18,000
EIB-20-10-07-00-S*	20'-0"	10'-0"	7'-0"	21'-0"	10'-6"	11'-8"	13'-4"	9'-10.5"	1	Filtered	4	42"	5HP	20,000
EIB-10-12-05-00-S*	10'-0"	12'-0"	5'-0"	10'-4"	12'-2"	8'-4"	9'-4"	11'-10.5"	1	Filtered	2	30"	3HP	12,000
EIB-12-12-07-00-S*	12'-0"	12'-0"	7'-0"	12'-4"	12'-2"	10'-4"		10.5"	1	Filtered	2	30"	5HP	14,400
EIB-14-12-07-00-S*	14'-0"	12'-0"	7'-0"	15'-0"	12'-6"	11'-8"	13'-4"	11'-10.5"	1	Filtered	2	36"	5HP	16,800
EIB-16-12-07-00-S*	16'-0"	12'-0"	7'-0"	17'-0"	12'-6"	11'-8"	13'-4"	11'-10.5"	1	Filtered	2	42"	5HP	19,200
EIB-18-12-07-00-S*	18'-0"	12'-0"	7'-0"	19'-0"	12'-6"	11'-8"	13'-4"	11'-10.5"	1	Filtered	3	42"	5HP	21,600
EIB-20-12-07-00-S*	20'-0"	12'-0"	7'-0"	21'-0"	12'-6"	11'-8"	13'-4"	11'-10.5"	1	Filtered	4	42"	7.5HP	24,000
Reference Key	A	B	C				D	E						

Alternative Configuration: Pressurized Modified Downdraft (MD)

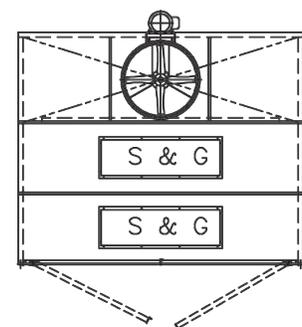
*Booths ship in less than 10 days.
 ONLY for these items without any modifications. Any additional items on the order may impact lead time.
 Contact your RTT representative for more information.



Left Side Elevation



End View



Plan View

Follow Us:

EXHAUST CHAMBERS



RTT's industrial exhaust chambers are designed to efficiently remove harmful vapors and particulate. With a wide range of design configurations, our exhaust chambers can accommodate the majority of production requirements including sanding applications. The dry arrestor filters trap the airborne overspray particles before the filtered air is discharged through the exhaust systems and into the atmosphere. Air replacement units and intake chambers can be added as well as reduced air flows for automatic spray operations.

RTT's exhaust chambers are easy to install and simple to maintain. The quality and workmanship of RTT exhaust chambers allow us to offer a 5-year warranty when using high performance W-Series RP Arrestor exhaust filters manufactured by RTT.



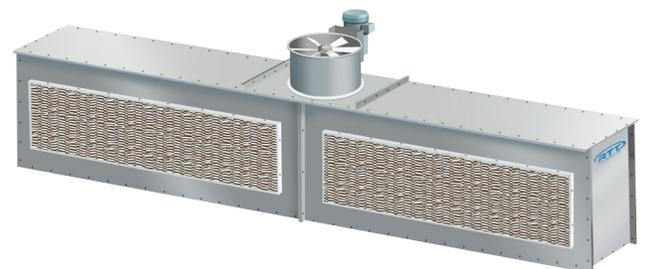
Features

- Exhaust chambers are constructed from 18-gauge, prime quality galvanized steel. Structural steel is used to add strength and rigidity as necessary. Control panel is optional, fire control systems are to be supplied by others.
- High efficiency W-Series RP Paint Arrestor blanket media ships with every chamber for extended life, increased depth loading and holding capacity. The blanket filters are secured in place with RTT FilterLoc technology which provides a tighter seal to the chamber eliminating overspray bypass while providing quick and easy filter change outs.
- Tubeaxial exhaust fan, designed specifically for use in paint spray exhaust chambers, powers the airflow through the exhaust stack. All exhaust fans are of non-sparking construction.
- Efficient motor drive and bearings are sealed from the air stream of the exhaust. Motors are provided with each unit. Optional explosion-proof motor upgrade is required for flammable painting environments.
- Air solenoid valve interlocked to the exhaust fan and air supply for the application equipment
- RTT products are designed to meet and/or exceed all applicable OSHA and NFPA regulations.



Options

- Air replacement units and intake chambers can be added.
- Reduced air flows for automatic spray operations.
- Control panel and other electrical components can be purchased separately.
- Explosion-proof motor upgrade.
- Design allows for conversion to enclosure.



Exhaust Chamber

Model Number	Exterior Dimensions			Fan Diameter	Fan HP	SCFM @ 1/2" SP
	Width	Height	Length			
IBC-04-07-00-00-S	4'-4"	7'-2"	2'-2"	18"	.75HP	3,500
IBC-06-07-00-00-S	6'-4"	7'-2"	2'-8"	24"	1HP	5,250
IBC-08-07-00-00-S	8'-4"	7'-2"	2'-8"	24"	2HP	7,000
IBC-10-07-00-00-S	10'-4"	7'-2"	3'-2"	30"	2HP	8,750
IBC-12-07-00-00-S	12'-4"	7'-2"	3'-2"	30"	3HP	10,500
IBC-14-07-00-00-S	14'-4"	7'-2"	3'-6"	30"	3HP	12,250
IBC-16-07-00-00-S	16'-4"	7'-2"	3'-6"	30"	5HP	14,000
IBC-18-07-00-00-S	18'-4"	7'-2"	4'-6"	36"	5HP	15,750
IBC-20-07-00-00-S	20'-4"	7'-2"	4'-6"	36"	5HP	17,500
IBC-04-08-00-00-S	4'-4"	8'-2"	2'-2"	18"	1HP	4,000
IBC-06-08-00-00-S	6'-4"	8'-2"	2'-8"	24"	1.5HP	6,000
IBC-08-08-00-00-S	8'-4"	8'-2"	2'-8"	24"	3HP	8,000
IBC-10-08-00-00-S	10'-4"	8'-2"	3'-2"	30"	3HP	10,000
IBC-12-08-00-00-S	12'-4"	8'-2"	3'-2"	30"	3HP	12,000
IBC-14-08-00-00-S	14'-4"	8'-2"	3'-6"	30"	5HP	14,000
IBC-16-08-00-00-S	16'-4"	8'-2"	4'-6"	36"	5HP	16,000
IBC-18-08-00-00-S	18'-4"	8'-2"	4'-6"	36"	5HP	18,000
IBC-20-08-00-00-S	20'-4"	8'-2"	4'-6"	42"	5HP	20,000
IBC-04-10-00-00-S	4'-4"	10'-2"	2'-2"	18"	1.5HP	5,000
IBC-06-10-00-00-S	6'-4"	10'-2"	2'-8"	24"	2HP	7,500
IBC-08-10-00-00-S	8'-4"	10'-2"	3'-2"	30"	3HP	10,000
IBC-10-10-00-00-S	10'-4"	10'-2"	3'-2"	30"	3HP	12,500
IBC-12-10-00-00-S	12'-4"	10'-2"	3'-2"	30"	5HP	15,000
IBC-14-10-00-00-S	14'-4"	10'-2"	4'-6"	36"	5HP	17,500
IBC-16-10-00-00-S	16'-4"	10'-2"	4'-6"	42"	5HP	20,000
IBC-18-10-00-00-S	18'-4"	10'-2"	4'-6"	42"	5HP	22,500
IBC-20-10-00-00-S	20'-4"	10'-2"	4'-6"	42"	7.5HP	25,000
IBC-04-12-00-00-S	4'-4"	12'-2"	2'-8"	24"	1.5HP	6,000
IBC-06-12-00-00-S	6'-4"	12'-2"	2'-8"	24"	3HP	9,000
IBC-08-12-00-00-S	8'-4"	12'-2"	3'-2"	30"	3HP	12,000
IBC-10-12-00-00-S	10'-4"	12'-2"	3'-2"	30"	5HP	15,000
IBC-12-12-00-00-S	12'-4"	12'-2"	4'-2"	36"	5HP	18,000
IBC-14-12-00-00-S	14'-4"	12'-2"	4'-6"	42"	5HP	21,000
IBC-16-12-00-00-S	16'-4"	12'-2"	4'-6"	42"	7.5HP	24,000
IBC-18-12-00-00-S	18'-4"	12'-2"	4'-6"	42"	7.5HP	27,000
IBC-20-12-00-00-S	20'-4"	12'-2"	4'-6"	42"	10HP	30,000

Exhaust Bench

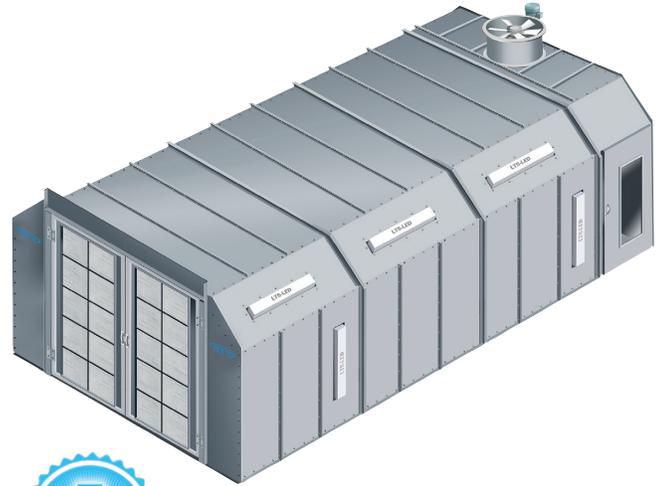
Model Number	Exterior Dimensions			CFM @ 1/2" SP	Fan Diameter	Fan HP	Filters Exhaust	Manometer
	Width	Height	Length					
EB-12-S	12'-0"	3'-2"	2'-4"	5,000	18"	1.5HP	7	Yes
EB-15-S	15'-0"	3'-2"	2'-4"	5,000	18"	1.5HP	8	Yes

EZ CLASSIC CROSSDRAFT SPRAY BOOTH



RTT's EZ Classic Crossdraft spray booths are designed to produce a high-quality finish in an extremely efficient manner. Used for industrial, automotive and wood applications, the booth intakes air through filters in the product doors. The clean, filtered air is drawn through the booth and exhausted through a filter system at the opposite end. The EZ Crossdraft booths are offered in solid back, drive through, and reverse flow designs as well as pressurized and non-pressurized.

RTT's booths are easy to install and simple to maintain. The quality and workmanship of RTT spray booths allow us to offer a 5-year warranty when using high performance W-Series RP Arrestor exhaust filters manufactured by RTT.



Features

- RTT booths are constructed from heavy duty 18-gauge, prime quality galvanized steel and engineered with corresponding support structure.
- All panels and support members are laser cut and precision formed for consistent fit allowing for easy nut and bolt assembly.
- Doors are field hung on slotted hinges to facilitate adjustment on two axis' to compensate for field conditions. Our standard 36" wide personnel door is constructed with a square tube frame and covered with 18-gauge galvanized steel and includes an observation window.
- RTT booths ship with industry leading E-Light LED lighting which provides lower energy usage, exceptionally longer life, truer color rendering, reduced maintenance costs and includes a 5-year warranty.
- LED lighting is constructed of 22-gauge steel which is powder coated white, and available in 4000 and 8000 lumen models. E-Lights are ETL listed for US and Canada with Class 1 Division 2, Group A, B, C, D and Class 2 division 2, Group F and G ratings.
- High efficiency W-Series RP Paint Arrestor blanket media ships with every booth for extended life, increased depth loading and holding capacity. The blanket filters are secured in place with RTT FilterLoc technology which provides a tighter seal to the booth eliminating overspray bypass while providing quick and easy filter change outs.
- All RTT booths utilize efficient and quality brand-name tubeaxial fans and motors.
- Air solenoid valve Interlocked to the exhaust fan and air supply for the spray application equipment is also included.
- RTT booths meet and/or exceed quality performance standards and all applicable OSHA and NFPA regulations.



Optional UL & ETL listed control panel



Windowed personnel access doors



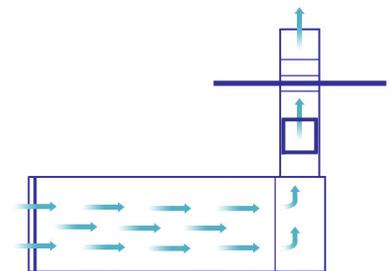
Industry-leading LED lighting with 5-year warranty



5/16" bolts with serrated lock nut

Options

- Air replacement units and intake chambers can be added
- Pre-filtered plenum for additional intake air filtration
- Durable powder coated white option available
- Roll-up, bi-fold or tri-fold doors
- Control panel and other electrical components can be purchased separately
- Exhaust ductwork
- Solid back, drive through, and reverse flow designs
- Pressurized or non-pressurized
- Booth extensions with or without lights



Classic Crossdraft booth air flow

EZ CLASSIC CROSSDRAFT SPRAY BOOTH



Selecting a Booth Size

RTT can design and build booths in a variety of sizes and configurations. Although our team can engineer custom sizes to fit your needs, below are standard sizes that are pre-engineered and available for quick shipment.

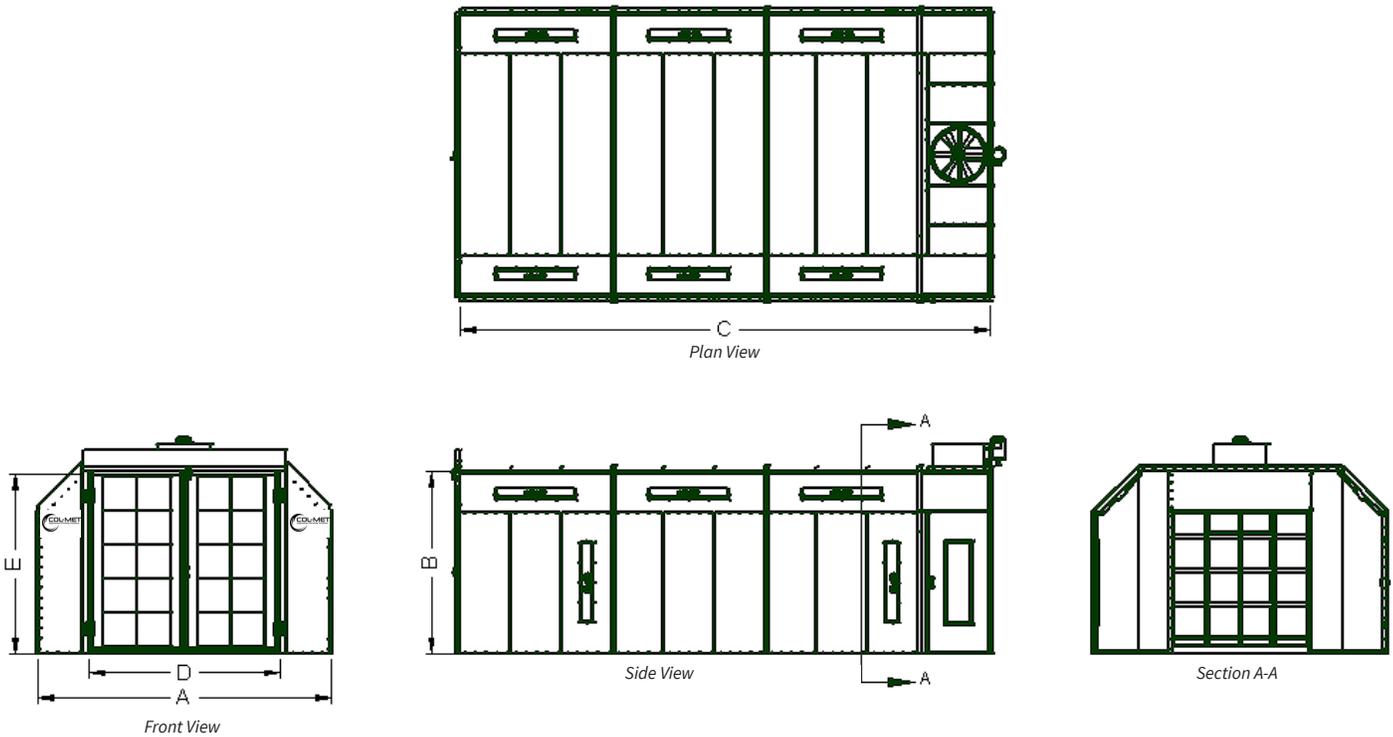
Model Number	Interior Dimensions			Exterior Dimensions			Access Doors	Clear Door Opening				Qty. Lights	Air Flow SCFM	Fan Spec.		Filters
	Width	Height	Length	Width	Height	Length		Width	Height	Qty	Type			Dia.	HP	
ECC-14-09-26-N-SB-S	14'-0"	9'-0"	26'-0"*	14'-6.5"	10'-0"	26'-4"	1	9'-4"	8'-10.5"	1	Filtered	10	12,600	30"	3HP	20
ECC-14-09-28-N-SB-S	14'-0"	9'-0"	28'-0"*	14'-6.5"	10'-0"	28'-4"	1	9'-4"	8'-10.5"	1	Filtered	10	12,600	30"	3HP	20
ECC-14-09-30-N-SB-S	14'-0"	9'-0"	30'-0"*	14'-6.5"	10'-0"	30'-4"	1	9'-4"	8'-10.5"	1	Filtered	10	12,600	30"	3HP	20
Reference Key	A	B	C*					D	E							

Alternative Configuration: Reverse Flow (RF) Drive Through (DT)
Alternative Options: Pressurized (P)

*Actual working depth is 18 inches less than interior length
Standard length sizing is illustrated above

*Booths ship in less than 10 days.

ONLY for these items without any modifications. Any additional items on the order may impact lead time. Contact your RTT representative for more information.



EZ MODIFIED DOWNDRAFT SPRAY BOOTH



RTT's EZ Modified Downdraft spray booths are designed to produce a high-quality finish in an extremely efficient manner. Used for industrial, automotive and wood applications, the booth intakes fresh air from the cleaner upper levels of the shop through a filter bank located in the booth ceiling, near the product doors. The filtered air is drawn down through the booth to an exhaust filter system at the opposite end. An optional pre-filtered plenum for additional intake air filtration is also available. The basic modified downdraft design allows for easy pressurization with the addition of an intake plenum with fan or a heated air make up unit. The EZ Modified Downdraft booths are offered in solid back or drive through configurations as well as pressurized, non-pressurized and pre-filtered.



RTT's booths are easy to install and simple to maintain. The quality and workmanship of RTT spray booths allow us to offer a 5-year warranty when using high performance W-Series RP Arrestor exhaust filters manufactured by RTT.



Features

- RTT booths are constructed from heavy duty 18-gauge, prime quality galvanized steel and engineered with corresponding support structure.
- All panels and support members are laser cut and precision formed for consistent fit allowing for easy nut and bolt assembly.
- Doors are field hung on slotted hinges to facilitate adjustment on two axis' to compensate for field conditions. Our standard 36" wide personnel door is constructed with a square tube frame and covered with 18-gauge galvanized steel and includes an observation window.
- RTT booths ship with industry leading E-Light LED lighting which provides lower energy usage, exceptionally longer life, truer color rendering, reduced maintenance costs and includes a 5-year warranty.
- LED lighting is constructed of 22-gauge steel which is powder coated white, and available in 4000 and 8000 lumen models. E-Lights are ETL listed for US and Canada with Class 1 Division 2, Group A, B, C, D and Class 2 division 2, Group F and G ratings.
- High efficiency W-Series RP Paint Arrestor blanket media ships with every booth for extended life, increased depth loading and holding capacity. The blanket filters are secured in place with RTT FilterLoc technology which provides a tighter seal to the booth eliminating overspray bypass while providing quick and easy filter change outs
- All RTT booths utilize efficient and quality brand-name tubeaxial fans and motors.
- Air solenoid valve Interlocked to the exhaust fan and air supply for the spray application equipment is also included.
- RTT booths meet and/or exceed quality performance standards and all applicable OSHA and NFPA regulations.



Optional UL & ETL listed control panel



Windowed personnel access doors



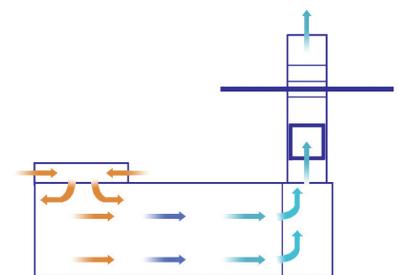
Industry-leading LED lighting with 5-year warranty



5/16" bolts with serrated lock nut

Options

- Air replacement units and intake chambers can be added
- Pre-filtered plenum for additional intake air filtration
- Durable powder coated white option available
- Roll-up, bi-fold or tri-fold doors
- Control panel and other electrical components can be purchased separately
- Exhaust ductwork
- Solid back, drive through, and reverse flow design
- Pressurized or non-pressurized
- Booth extensions with or without lights



Modified Downdraft booth air flow



EZ MODIFIED DOWNDRAFT SPRAY BOOTH



Selecting a Booth Size

RTT can design and build booths in a variety of sizes and configurations. Although our team can engineer custom sizes to fit your needs, below are standard sizes that are pre-engineered and available for quick shipment.

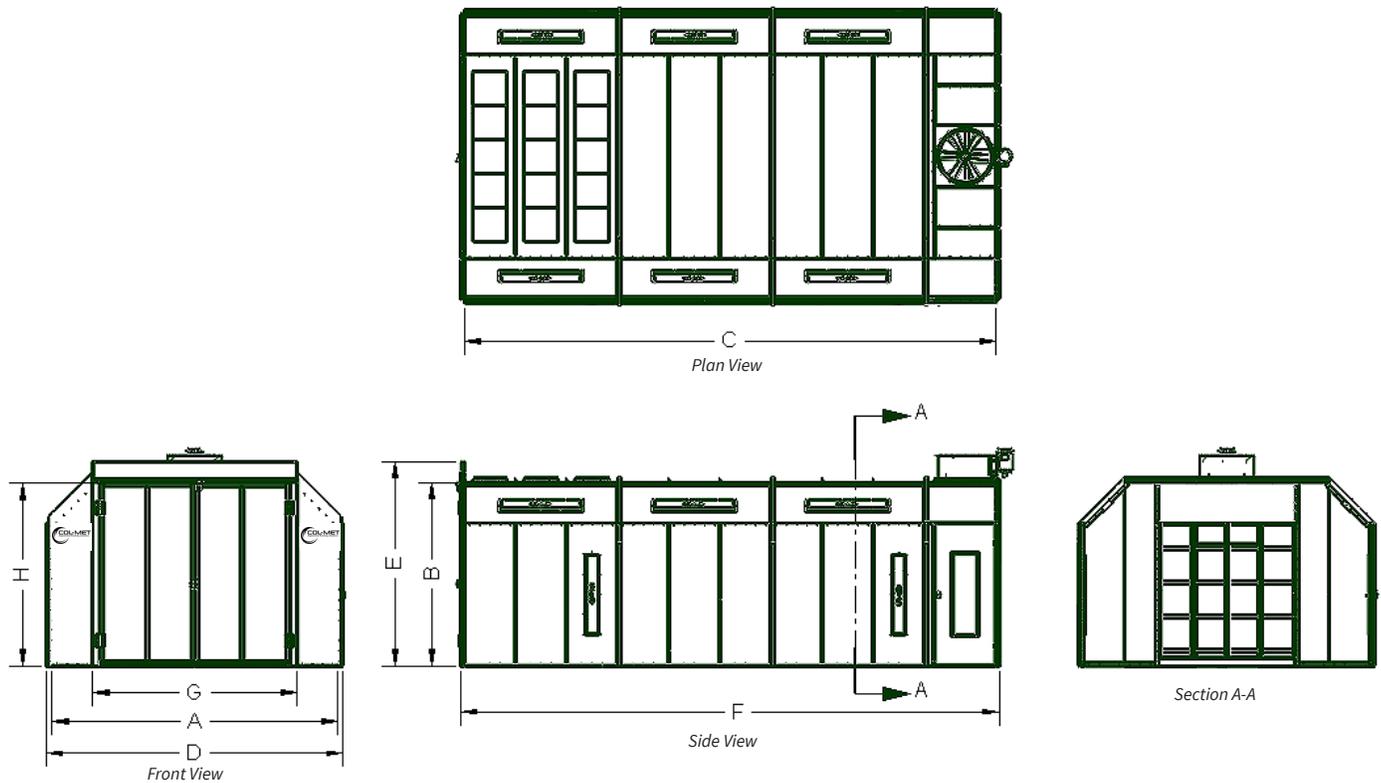
Model Number	Interior Dimensions			Exterior Dimensions			Access Doors	Clear Door Opening				Qty. Lights	Air Flow SCFM	Fan Spec.		Filters
	Width	Height	Length	Width	Height	Length		Width	Height	Qty	Type			Dia.	HP	
EMD-14-09-26-N-SB-S*	14'-0"	9'-0"	26'-0"	14'-6.5"	10'-0"	26'-4"	1	9'-4"	8'-10.5"	1	Solid	10	12,600	30"	3HP	15
EMD-14-09-28-N-SB-S	14'-0"	9'-0"	28'-0"	14'-6.5"	10'-0"	28'-4"	1	9'-4"	8'-10.5"	1	Solid	10	12,600	30"	3HP	15
EMD-14-09-30-N-SB-S	14'-0"	9'-0"	30'-0"	14'-6.5"	10'-0"	30'-4"	1	9'-4"	8'-10.5"	1	Solid	10	12,600	30"	3HP	15
Reference Key	A	B	C	D	E	F		G	H							

Alternative Configuration: Reverse Flow (RF) Drive Through (DT)

*Actual working depth is 18 inches less than interior length

Alternative Options: Pressurized (P)

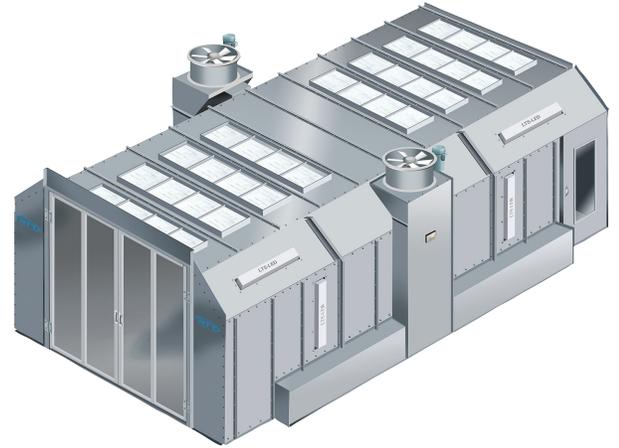
Standard length sizing is illustrated above



EZ SIDE DOWNDRAFT SPRAY BOOTH



RTT's EZ Side Downdraft spray booths are designed to produce a high-quality finish in an extremely efficient manner. Used for industrial, automotive and wood applications as well as an economical solution for shops that are unable to install a pit type booth. Downdraft booths intake air from the cleaner upper levels of the shop through a filtered booth ceiling. The filtered air is drawn down and away from the product through exhaust filters at the floor level, along both sides. This provides efficient overspray control that reduces prep time and also provides a much healthier work place environment. An optional pre-filtered plenum for additional intake air filtration is also available. The downdraft design allows for easy pressurization with the addition of an intake plenum with fan or a heated air make up unit. The EZ Side Downdraft booths are offered in solid back or drive through configurations as well as pressurized, non-pressurized and pre-filtered.



RTT's booths are easy to install and simple to maintain. The quality and workmanship of RTT spray booths allow us to offer a 5-year warranty when using high performance W-Series RP Arrestor exhaust filters manufactured by RTT.



Features

- RTT booths are constructed from heavy duty 18-gauge, prime quality galvanized steel and engineered with corresponding support structure.
- All panels and support members are laser cut and precision formed for consistent fit allowing for easy nut and bolt assembly.
- Doors are field hung on slotted hinges to facilitate adjustment on two axis' to compensate for field conditions. Our standard 36" wide personnel door is constructed with a square tube frame and covered with 18-gauge galvanized steel and includes an observation window.
- RTT booths ship with industry leading E-Light LED lighting which provides lower energy usage, exceptionally longer life, truer color rendering, reduced maintenance costs and includes a 5-year warranty.
- LED lighting is constructed of 22-gauge steel which is powder coated white, and available in 4000 and 8000 lumen models. E-Lights are ETL listed for US and Canada with Class 1 Division 2, Group A, B, C, D and Class 2 division 2, Group F and G ratings.
- High efficiency W-Series RP Paint Arrestor blanket media ships with every booth for extended life, increased depth loading and holding capacity. The blanket filters are secured in place with RTT FilterLoc technology which provides a tighter seal to the booth eliminating overspray bypass while providing quick and easy filter change outs.
- All RTT booths utilize efficient and quality brand-name tubeaxial fans and motors.
- Air solenoid valve Interlocked to the exhaust fan and air supply for the spray application equipment is also included.
- RTT booths meet and/or exceed quality performance standards and all applicable OSHA and NFPA regulations



Optional UL & ETL listed control panel



Windowed personnel access doors



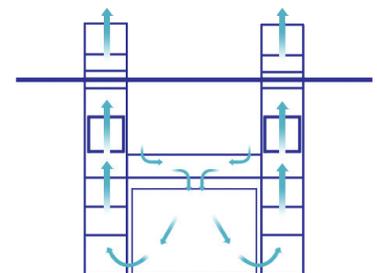
Industry-leading LED lighting with 5-year warranty



5/16" bolts with serrated lock nut

Options

- Air replacement units and intake chambers can be added
- Pre-filtered plenum for additional intake air filtration
- Durable powder coated white option available
- Roll-up, bi-fold or tri-fold doors
- Control panel and other electrical components can be purchased separately
- Exhaust ductwork
- Solid back, drive through, and reverse flow design
- Booth extensions with or without lights



Side Downdraft booth air flow

EZ SIDE DOWNDRAFT SPRAY BOOTH



Selecting a Booth Size

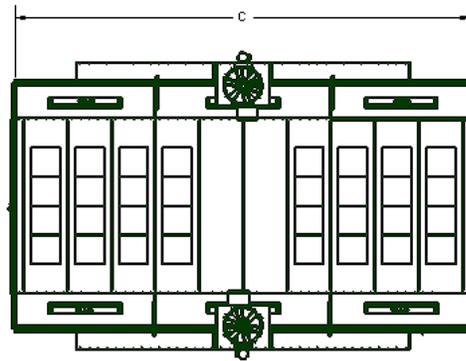
RTT can design and build booths in a variety of sizes and configurations. Although our team can engineer custom sizes to fit your needs, below are standard sizes that are pre-engineered and available for quick shipment.

Model Number	Interior Dimensions			Exterior Dimensions			Access Doors	Clear Door Opening				Qty. Lights	Air Flow SCFM	Fan Spec.		Filters
	Width	Height	Length	Width	Height	Length		Width	Height	Qty	Type			Dia.	HP	
ESD-14-09-26-N-SB-S	14'-0"	9'-0"	26'-0"	16'-4"	10'-0"	26'-4"	1	9'-4"	8'-10.5"	1	Solid	10	12,740	(2) 24"	2HP	32
Reference Key	A	B	C	D	E	F		G	H							

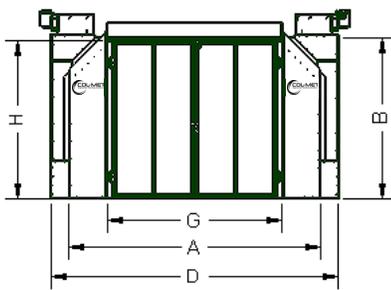
Alternative Configuration: Drive Through (DT)

Alternative Options: Pressurized (P) Pre-Filtered (PF)

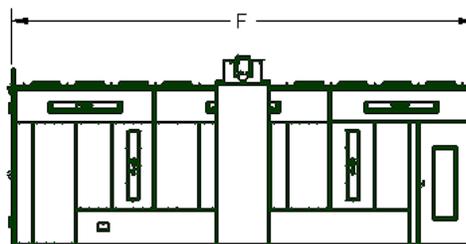
Standard length sizing is illustrated above



Plan View



Front View



Side Elevation



End View

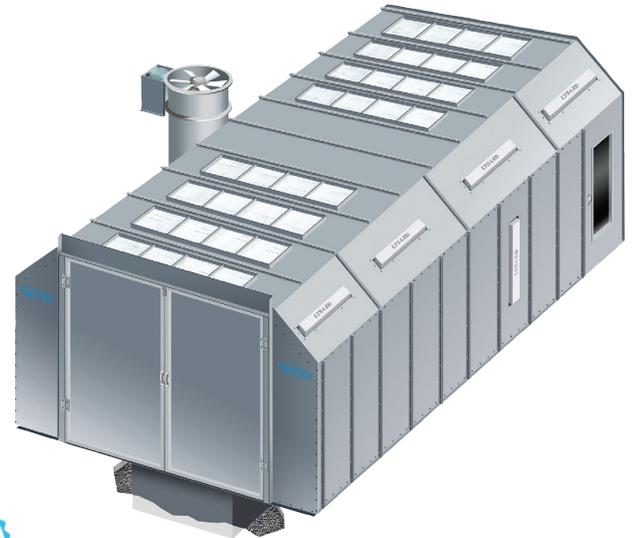


EZ PIT DOWNDRAFT SPRAY BOOTH



RTT's EZ Pit Downdraft spray booths are designed to produce a high-quality finish in an extremely efficient manner. The booths are widely used in automotive applications. Through a filtered booth ceiling the booth intakes fresh air from the cleaner upper levels of the shop. The filtered air is drawn down and away from the product through exhaust filters in the pit located in the floor. This provides efficient overspray control that reduces prep time and also provides a much healthier workplace environment. An optional pre-filtered plenum for additional intake air filtration is also available. The downdraft design allows for easy pressurization with the addition of an intake plenum with fan or a heated air make up unit. The EZ Pit Downdraft booths are offered in solid back or drive through configurations as well as pressurized, non-pressurized and pre-filtered.

RTT's booths are easy to install and simple to maintain. The quality and workmanship of RTT spray booths allow us to offer a 5-year warranty when using high performance W-Series RP Arrestor exhaust filters manufactured by RTT.



Features

- RTT booths are constructed from heavy duty 18-gauge, prime quality galvanized steel and engineered with corresponding support structure.
- All panels and support members are laser cut and precision formed for consistent fit allowing for easy nut and bolt assembly.
- Doors are field hung on slotted hinges to facilitate adjustment on two axis' to compensate for field conditions. Our standard 36" wide personnel door is constructed with a square tube frame and covered with 18-gauge galvanized steel and includes an observation window.
- RTT booths ship with industry leading E-Light LED lighting which provides lower energy usage, exceptionally longer life, truer color rendering, reduced maintenance costs and includes a 5-year warranty.
- LED lighting is constructed of 22-gauge steel which is powder coated white, and available in 4000 and 8000 lumen models. E-Lights are ETL listed for US and Canada with Class 1 Division 2, Group A, B, C, D and Class 2 division 2, Group F and G ratings.
- High efficiency W-Series RP Paint Arrestor blanket media ships with every booth for extended life, increased depth loading and holding capacity. The blanket filters are secured in place with RTT FilterLoc technology which provides a tighter seal to the booth eliminating overspray bypass while providing quick and easy filter change outs.
- All RTT booths utilize efficient and quality brand-name tubeaxial fans and motors.
- Air solenoid valve Interlocked to the exhaust fan and air supply for the spray application equipment is also included.
- RTT booths meet and/or exceed quality performance standards and all applicable OSHA and NFPA regulations

Options

- Air replacement units and intake chambers can be added
- Pre-filtered plenum for additional intake air filtration
- Durable powder coated white option available
- Roll-up, bi-fold or tri-fold doors
- Control panel and other electrical components can be purchased separately
- Exhaust ductwork
- Solid back, drive through, and reverse flow designs
- Booth extensions with or without lights



Optional UL & ETL listed control panel



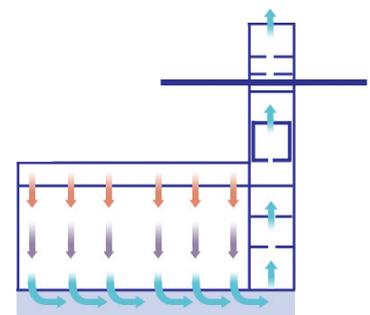
Windowed personnel access doors



Industry-leading LED lighting with 5-year warranty



5/16" bolts with serrated lock nut



Pit Downdraft booth air flow

EZ PIT DOWNDRAFT SPRAY BOOTH

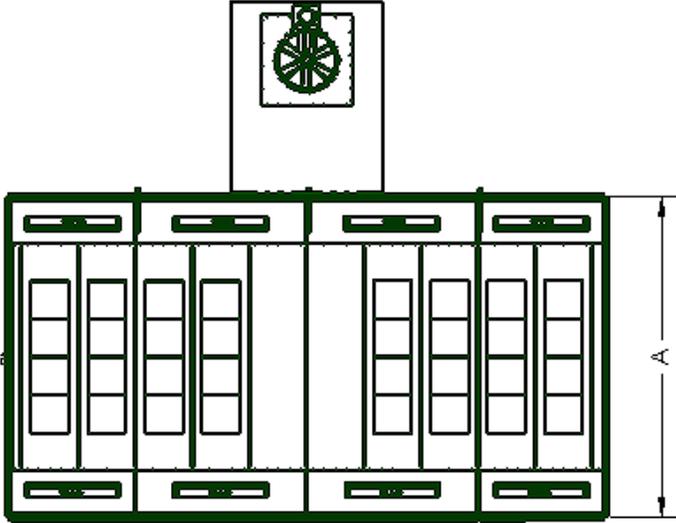
Selecting a Booth Size

RTT can design and build booths in a variety of sizes and configurations. Although our team can engineer custom sizes to fit your needs, below are standard sizes that are pre-engineered and available for quick shipment.

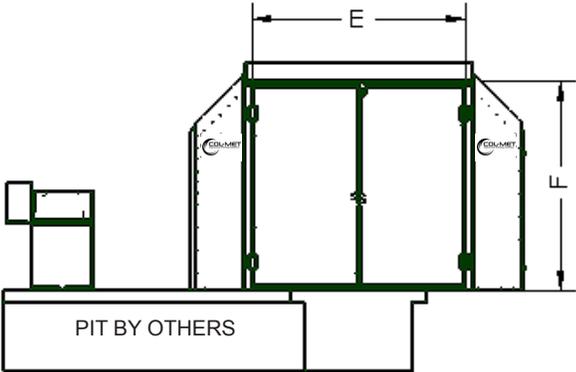
Model Number	Interior Dimensions			Exterior Dimensions			Access Doors	Clear Door Opening				Qty. Lights	Air Flow SCFM	Fan Spec.		Filters
	Width	Height	Length	Width	Height	Length		Width	Height	Qty	Type			Dia.	HP	
EPD-14-09-26-N-SB-S	14'-0"	9'-0"	26'-0"	14'-10.5"	10'-0"	26'-4"	1	9'-4"	8'-10.5"	1	Solid	10	12,740	30"	5HP	32
Reference Key	A	B	C		D			E	F							

Alternative Configuration: Drive Through (DT)
 Alternative Options: Pressurized (P) Pre-Filtered (PF)

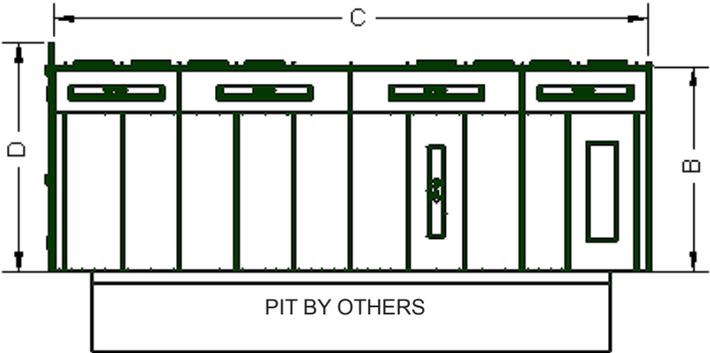
Standard length sizing is illustrated above



Plan View



Front View



Side Elevation

PAINT MIXING ROOM



RTT's Paint Mix Rooms provide a controlled area for safely mixing paint. Easy to maintain and operate, the product line was developed to provide fast availability and simple installation.

Air flows in through the filtered air intake, which is located in the ceiling toward one end of the room. It moves downward through the work area and into the exhaust chamber located in the lower opposite end of the room. Filtered exhaust is drawn through the exhaust plenum and is discharged upward into the atmosphere through the exhaust stack, providing a controlled area for mixing paint.



Features

- Heavy duty construction wall panels constructed from 18-gauge, prime quality galvanized steel. All panels and support members are precision laser cut and precision folded for easy nut and bolt assembly.
- Personnel access doors are pre-hung in a heavy gauge galvanized steel frame for easy installation.
- RTT's paint mix rooms ship with industry leading E-Light LED lighting which provides lower energy usage, exceptionally longer life, truer color rendering, reduced maintenance costs and includes a 5-year warranty.
- LED lighting is constructed of 22-gauge steel which is powder coated white, and available in 4000 and 8000 lumen models. E-Lights are ETL listed for US and Canada with Class 1 Division 2, Group A, B, C, D and Class 2 division 2, Group F and G ratings.
- All RTT paint mix rooms utilize efficient and quality brand name tubeaxial fans and motors.
- RTT paint mix rooms meet and/or exceed quality performance standards and all applicable OSHA and NFPA regulations.

Options

- Control panel and other electrical components can be purchased separately
- ETL listed when optional control panel is added
- Durable powder coated white option available
- Double doors



UL & ETL listed control panel



Industry-leading light levels



Windowed personnel access doors

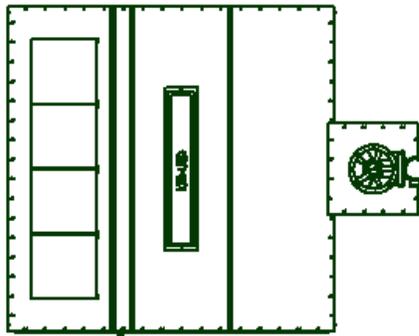


5/16" bolts with serrated lock nut

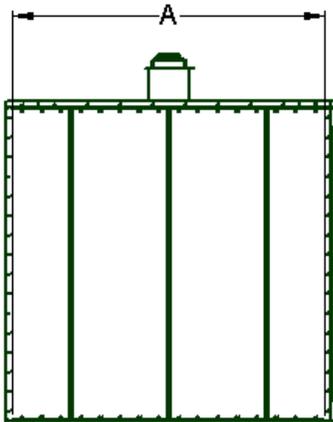
Selecting a Paint Mixing Room Size

RTT can design and build paint mix rooms in a variety of sizes and configurations. Although our team can engineer custom sizes to fit your needs, below are standard sizes that are pre-engineered and available for quick shipment.

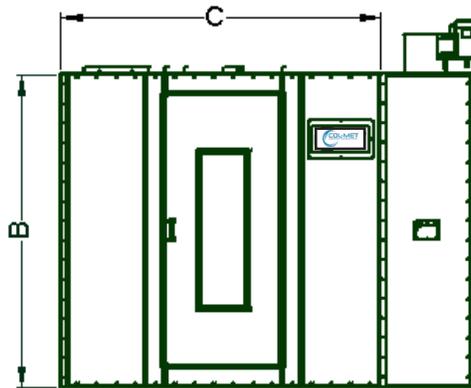
Model Number	Interior Dimensions			Exterior Dimensions			Access Doors	Qty. Lights	Air Flow SCFM	Fan Spec.		Filters	
	Width	Height	Length	Width	Height	Length				Dia.	HP	Int.	Exh.
PMR-08-08-08-00-S	8'-0"	8'-0"	8'-0"	8'-4"	8'-2"	10'-6"	1 with window	1	1,450	12"	3/4 HP	4	2
PMR-08-08-10-00-S	8'-0"	8'-0"	10'-0"	8'-4"	8'-2"	12'-6"	1 with window	2	1,450	12"	3/4 HP	4	2
PMR-08-08-12-00-S	8'-0"	8'-0"	12'-0"	8'-4"	8'-2"	14'-6"	1 with window	2	1,450	12"	3/4 HP	4	2
PMR-08-08-15-00-S	8'-0"	8'-0"	15'-0"	8'-4"	8'-2"	17'-6"	1 with window	3	1,450	12"	3/4 HP	4	2
PMR-10-08-15-00-S	10'-0"	8'-0"	15'-0"	10'-8"	8'-2"	17'-6"	1 with window	3	1,450	12"	3/4 HP	4	2
Ref. Key	A	B	C		D								



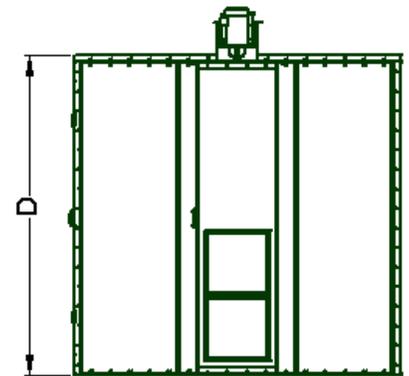
Plan View



End View



Side



End View

LARGE EQUIPMENT SPRAY BOOTHS



RTT's large equipment spray booths are used in a wide variety of markets including aviation, rail, mining, truck, wind energy and other large-scale industrial finishing operations. RTT's Large Equipment Spray Booths offer a safe and clean environment and are designed to meet or exceed all applicable OSHA and NFPA regulations.

RTT's spray booths are available in a variety of air flow styles to fit any application, including crossdraft, modified downdraft, side downdraft and downdraft designs. The booths are also offered in solid back, drive through, and reverse flow designs as well as pressurized and non-pressurized models. Booths can be equipped with dedicated air make-up units (AMU's) and configured with prep and cure cycle, as required. RTT booths can be provided with temperature and humidity control as well as air recirculation modes in spray and or cure mode for energy efficiency.

RTT booths are constructed with laser cut and precision folded prime quality 18-gauge galvanized steel and are available in a range of pre-engineered standard sizes that are readily available. Custom size solutions can also be developed to meet site and application specific requirements. Depending on the application, RTT offers three types of booth construction: Standard, Heavy and Xtreme duty.

- "Standard Duty" construction is engineered with 10-gauge support structure.
- "Heavy Duty" construction is engineered with vertical and horizontal W6x9 I-beams integrated into the booth structure and can support booth-mounted air make-up units.
- "Xtreme Duty" construction utilizes vertical I-beams and horizontal trusses that are engineered to support span and load requirements. Xtreme Duty designs can be engineered to accommodate booth mounted air make-up units, wall mounted operator lifts, conveyor rail systems or crane slot openings.

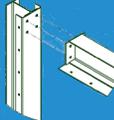
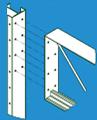
RTT booths are easy to install and simple to maintain. The quality and workmanship of RTT spray booths allow us to offer a 5-year warranty when using high performance W-Series RP Arrestor exhaust filters manufactured by RTT. Being the only manufacturer of both spray booths and exhaust filtration products, we guarantee overall operational quality.



LARGE EQUIPMENT SPRAY BOOTH FEATURES



Spray Booth Construction

	Standard Duty 	Heavy Duty 	Xtreme Duty 
Support Steel	10 gauge galvanized steel, utilizes 5/16" bolt	W6 x 9 structural system, utilizes 1/2" bolt	I-Beam construction with trusses, utilizes 1/2" bolt
Panel Construction	Laser cut, precision folded, nut and bolt assembly	Laser cut, precision folded, nut and bolt assembly	Laser cut, precision folded, nut and bolt assembly
Fasteners	5/16" bolt with locking nuts for fastening panels every 6"	5/16" bolt with locking nuts for fastening panels every 6"	5/16" bolt with locking nuts for fastening panels every 6"
Interior Working Dimension	Max 20'W x 20'H	Max 20'W x 20'H	No Limit
Booth Mounted AMU's	No, requires separate structure	Yes	Yes
Support for Conveyor or Crane Slot	No	No	Optional
Crane Slots	No	No	Optional
Maximum Length	No Maximum Length	No Maximum Length	64' +
Increments in Length	2'	2'	Custom
Support for Man Lifts	No	Yes	Yes
Complies with OSHA and NFPA Regs	Yes	Yes	Yes

Spray Booth Features

RTT booths are easy to install and simple to maintain. The quality and workmanship of RTT spray booths allow us to offer a 5-year warranty* when using high performance W-Series RP Arrestor exhaust filters manufactured by RTT.

- RTT booths are constructed from heavy duty 18-gauge, prime quality galvanized steel and engineered with corresponding support structure.
- All panels and support members are laser cut and precision formed for consistent fit allowing for easy nut and bolt assembly.
- Doors are field hung on slotted hinges to facilitate adjustment on two axis' to compensate for field conditions. Our standard 36" wide personnel door is constructed with a square tube frame and covered with 18-gauge galvanized steel and includes an observation window.
- RTT booths ship with industry leading E-Light LED lighting which provides lower energy usage, exceptionally longer life, truer color rendering, reduced maintenance costs and includes a 5-year warranty.
- LED lighting is constructed of 22-gauge steel which is powder coated white, and available in 4000 and 8000 lumen models. E-Lights are ETL listed for US and Canada with Class 1 Division 2, Group A, B, C, D and Class 2 division 2, Group F and G ratings.
- High efficiency W-Series RP Paint Arrestor blanket media ships with every booth for extended life, increased depth loading and holding capacity. The blanket filters are secured in place with RTT FilterLoc technology which provides a tighter seal to the booth eliminating overspray bypass while providing quick and easy filter change outs.
- All RTT booths utilize efficient and quality brand-name tubeaxial fans and motors.
- Air solenoid valve Interlocked to the exhaust fan and air supply for the spray application equipment is also included.
- RTT booths meet and/or exceed quality performance standards and all applicable OSHA and NFPA regulations

E-Light TRUE LED LIGHTING

RTT booths ship with industry leading E-Light LED lighting which provides lower energy usage, exceptionally longer life, truer color rendering, reduced maintenance costs and includes a 5-year warranty.



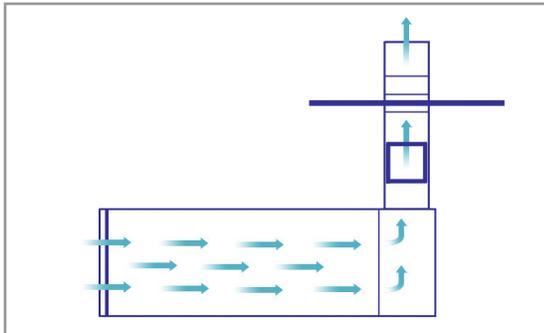
LARGE EQUIPMENT SPRAY BOOTH AIR FLOW DESIGN



Large Equipment Booths

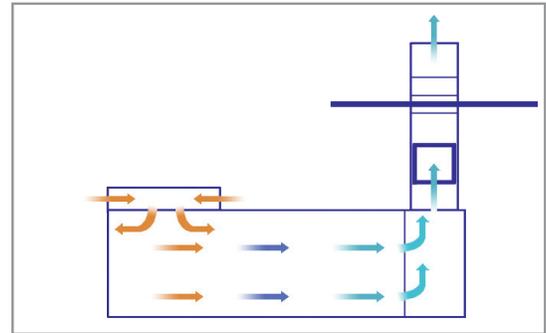
RTT's large equipment spray booths offer a safe and clean environment for any type of finishing operation. All RTT spray booths are designed to produce a high-quality finish in an extremely efficient manner. RTT offers a full line of booths with a variety of air flow styles to fit all application needs.

CROSSDRAFT



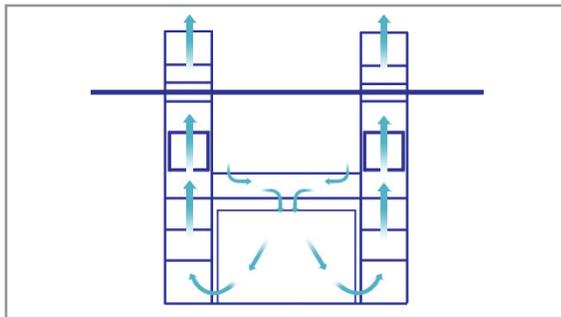
Crossdraft booths intake air through filters in the product doors. The clean, filtered air is drawn through the booth and exhausted through a filter system at the opposite end.

MODIFIED DOWNDRAFT



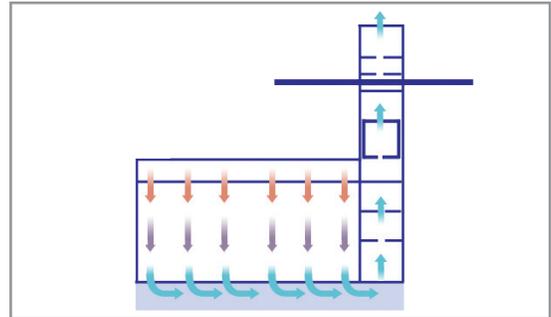
Modified Downdraft booths intake fresh air from the cleaner upper levels of the shop through a filter bank located in the booth ceiling, near the product doors. The filtered air is drawn down through the booth to an exhaust filter system at the opposite end.

SIDE DOWNDRAFT



Side Downdraft booths intake air from the cleaner upper levels of the shop through a filtered booth ceiling. The filtered air is drawn down and away from the product through exhaust filters at the floor level, along both sides.

DOWNDRAFT



Downdraft booths take in fresh air from the cleaner upper levels of the shop through a filtered booth ceiling. The filtered air is drawn down and away from the product into the filtered exhaust pit located in the floor.

INDUSTRY LEADING 5-YEAR WARRANTY

The quality and workmanship of RTT spray booths allows us to be the only Spray Booth Manufacturer to offer a Five (5) Year Warranty* provided the customer utilizes our RTT high performance RP "W-Series" exhaust filters. These filters have been designed, tested and approved to provide superior paint particle separation while restricting the least amount of air flow in accordance with ASHRAE 52.1.



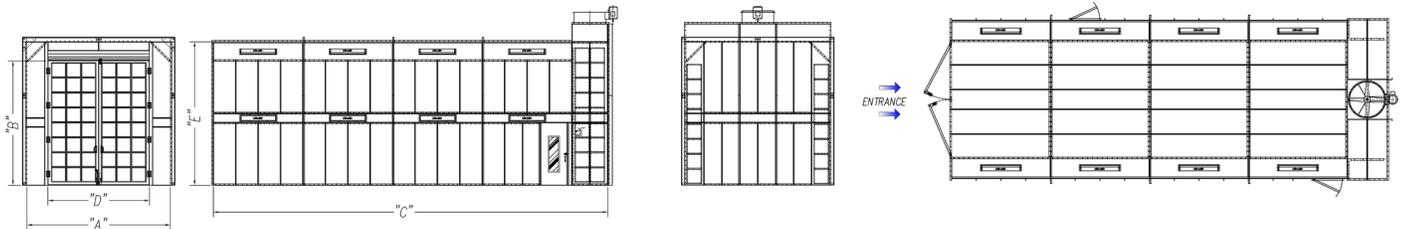
LARGE EQUIPMENT SPRAY BOOTH SELECTION



Booth Sizing

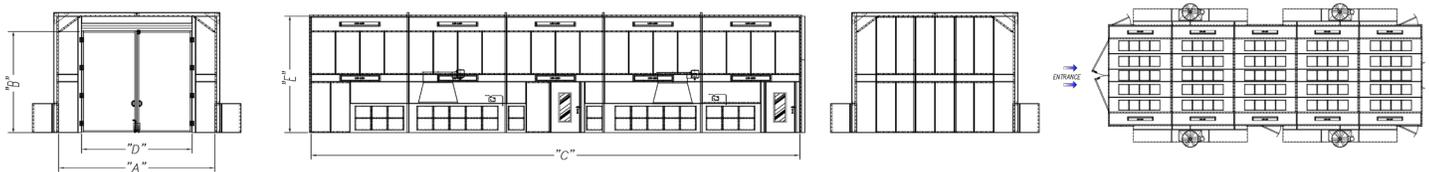
RTT can design and build booths in a variety of sizes and configurations. Although our team can engineer custom sizes to fit your needs, below are standard sizes that are pre-engineered and available for quick shipment.

CROSSDRAFT



Standard Duty Model Number	Heavy Duty Model Number	Interior Dimensions			Option	Configuration	Access Doors	Nominal Door Opening				Qty. Lights	Air Flow SCFM	Fan Spec.		Filters Int.
		Width	Height	Length				Width	Height	Qty	Type			Dia.	HP	
SDC-16-16-26-N-SB	HDC-16-16-26-N-SB	16'-0"	16'-0"	26'-0"	Non-Pressurized (N)	Solid Back (SB)	1	11'-4"	13'-10"	1	Filtered	15	25,600	42	7.5HP	48
SDC-16-16-28-N-SB	HDC-16-16-28-N-SB	16'-0"	16'-0"	28'-0"	Non-Pressurized (N)	Solid Back (SB)	1	11'-4"	13'-10"	1	Filtered	15	25,600	42	7.5HP	48
SDC-16-16-30-N-SB	HDC-16-16-30-N-SB	16'-0"	16'-0"	30'-0"	Non-Pressurized (N)	Solid Back (SB)	1	11'-4"	13'-10"	1	Filtered	18	25,600	42	7.5HP	48
SDC-16-16-32-N-SB	HDC-16-16-32-N-SB	16'-0"	16'-0"	32'-0"	Non-Pressurized (N)	Solid Back (SB)	1	11'-4"	13'-10"	1	Filtered	18	25,600	42	7.5HP	48
SDC-16-16-34-N-SB	HDC-16-16-34-N-SB	16'-0"	16'-0"	34'-0"	Non-Pressurized (N)	Solid Back (SB)	1	11'-4"	13'-10"	1	Filtered	20	25,600	42	7.5HP	48
SDC-16-16-44-N-SB	HDC-16-16-44-N-SB	16'-0"	16'-0"	44'-0"	Non-Pressurized (N)	Solid Back (SB)	2	11'-4"	13'-10"	1	Filtered	28	25,600	42	7.5HP	48
SDC-16-16-54-N-SB	HDC-16-16-54-N-SB	16'-0"	16'-0"	54'-0"	Non-Pressurized (N)	Solid Back (SB)	3	11'-4"	13'-10"	1	Filtered	34	25,600	42	7.5HP	48
SDC-16-16-64-N-SB	HDC-16-16-64-N-SB	16'-0"	16'-0"	64'-0"	Non-Pressurized (N)	Solid Back (SB)	4	11'-4"	13'-10"	1	Filtered	42	25,600	42	7.5HP	48
Sizing Option Ranges		14-20*	12-20*	^												
Reference Key		A	B	C				D	E							

SIDE DOWNDRAFT



Standard Duty Model Number	Heavy Duty Model Number	Interior Dimensions			Option	Configuration	Access Doors	Nominal Door Opening				Qty. Lights	Air Flow SCFM	Fan Spec.		Filters Int.
		Width	Height	Length				Width	Height	Qty	Type			Dia.	HP	
SDS-16-16-26-N-SB	HDS-16-16-26-N-SB	16'-0"	16'-0"	26'-0"	Non-Pressurized (N)	Solid Back (SB)	1	11'-4"	13'-10"	1	Solid	15	20,800	(2)30	(2)3HP	38
SDS-16-16-28-N-SB	HDS-16-16-28-N-SB	16'-0"	16'-0"	28'-0"	Non-Pressurized (N)	Solid Back (SB)	1	11'-4"	13'-10"	1	Solid	15	22,400	(2)30	(2)5HP	40
SDS-16-16-30-N-SB	HDS-16-16-30-N-SB	16'-0"	16'-0"	30'-0"	Non-Pressurized (N)	Solid Back (SB)	1	11'-4"	13'-10"	1	Solid	18	24,000	(2)30	(2)5HP	44
SDS-16-16-40-N-SB	HDS-16-16-40-N-SB	16'-0"	16'-0"	40'-0"	Non-Pressurized (N)	Solid Back (SB)	2	11'-4"	13'-10"	1	Solid	24	32,000	(4)24	(4)3HP	58
SDS-16-16-50-N-SB	HDS-16-16-50-N-SB	16'-0"	16'-0"	50'-0"	Non-Pressurized (N)	Solid Back (SB)	3	11'-4"	13'-10"	1	Solid	30	40,000	(4)30	(4)3HP	72
SDS-16-16-60-N-SB	HDS-16-16-60-N-SB	16'-0"	16'-0"	60'-0"	Non-Pressurized (N)	Solid Back (SB)	4	11'-4"	13'-10"	1	Solid	36	48,000	(4)30	(4)5HP	88
Sizing Option Ranges		14-20*	12-20*	^												
Reference Key		A	B	C				D	E							

*Standard sizing of width and height are in increments of 2 ft.
Alternative Configuration: Drive Through (DT) - Alternative Options: Pressurized (P) Pre-Filtered (PF)

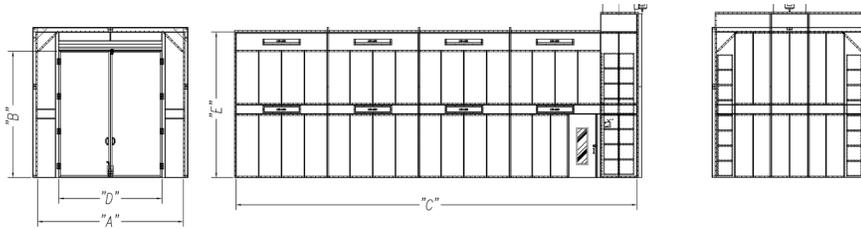
LARGE EQUIPMENT SPRAY BOOTH SELECTION



Booth Sizing

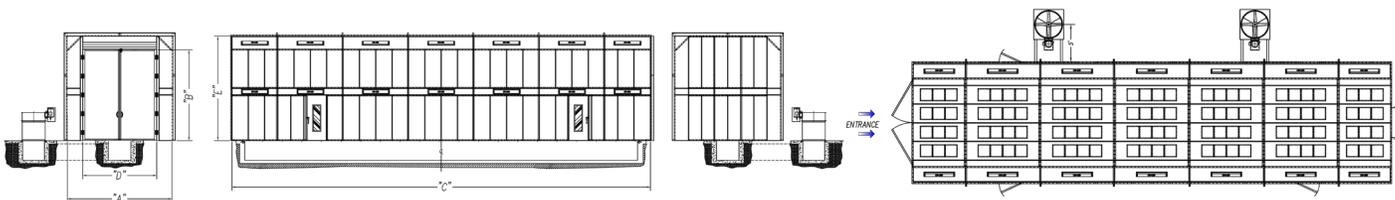
RTT can design and build booths in a variety of sizes and configurations. Although our team can engineer custom sizes to fit your needs, below are standard sizes that are pre-engineered and available for quick shipment.

MODIFIED DOWNDRAFT



Standard Duty Model Number	Heavy Duty Model Number	Interior Dimensions			Option	Configuration	Access Doors	Nominal Door Opening				Qty. Lights	Air Flow SCFM	Fan Spec.		Filters
		Width	Height	Length				Width	Height	Qty	Type			Dia.	HP	
SDM-16-16-26-N-SB	HDM-16-16-26-N-SB	16'-0"	16'-0"	26'-0"	Non-Pressurized (N)	Solid Back (SB)	1	11'-4"	13'-10"	1	Solid	15	25,600	42	7.5HP	42
SDM-16-16-28-N-SB	HDM-16-16-28-N-SB	16'-0"	16'-0"	28'-0"	Non-Pressurized (N)	Solid Back (SB)	1	11'-4"	13'-10"	1	Solid	15	25,600	42	7.5HP	42
SDM-16-16-30-N-SB	HDM-16-16-30-N-SB	16'-0"	16'-0"	30'-0"	Non-Pressurized (N)	Solid Back (SB)	1	11'-4"	13'-10"	1	Solid	18	25,600	42	7.5HP	42
SDM-16-16-32-N-SB	HDM-16-16-32-N-SB	16'-0"	16'-0"	32'-0"	Non-Pressurized (N)	Solid Back (SB)	1	11'-4"	13'-10"	1	Solid	18	25,600	42	7.5HP	42
SDM-16-16-34-N-SB	HDM-16-16-34-N-SB	16'-0"	16'-0"	34'-0"	Non-Pressurized (N)	Solid Back (SB)	1	11'-4"	13'-10"	1	Solid	20	25,600	42	7.5HP	42
SDM-16-16-44-N-SB	HDM-16-16-44-N-SB	16'-0"	16'-0"	44'-0"	Non-Pressurized (N)	Solid Back (SB)	2	11'-4"	13'-10"	1	Solid	28	25,600	42	7.5HP	42
SDM-16-16-54-N-SB	HDM-16-16-54-N-SB	16'-0"	16'-0"	54'-0"	Non-Pressurized (N)	Solid Back (SB)	3	11'-4"	13'-10"	1	Solid	34	25,600	42	7.5HP	42
SDM-16-16-64-N-SB	HDM-16-16-64-N-SB	16'-0"	16'-0"	64'-0"	Non-Pressurized (N)	Solid Back (SB)	4	11'-4"	13'-10"	1	Solid	42	25,600	42	7.5HP	42
Sizing Option Ranges		14-20*	12-20*	^												
Reference Key		A	B	C				D	E							

DOWNDRAFT



Standard Duty Model Number	Heavy Duty Model Number	Interior Dimensions			Option	Configuration	Access Doors	Nominal Door Opening				Qty. Lights	Air Flow SCFM	Fan Spec.		Filters
		Width	Height	Length				Width	Height	Qty	Type			Dia.	HP	
SDD-16-16-26-N-SB	HDD-16-16-26-N-SB	16'-0"	16'-0"	26'-0"	Non-Pressurized (N)	Solid Back (SB)	1	11'-4"	13'-10"	1	Solid	15	20,800	42	7.5HP	38
SDD-16-16-28-N-SB	HDD-16-16-28-N-SB	16'-0"	16'-0"	28'-0"	Non-Pressurized (N)	Solid Back (SB)	1	11'-4"	13'-10"	1	Solid	15	22,400	42	10HP	40
SDD-16-16-30-N-SB	HDD-16-16-30-N-SB	16'-0"	16'-0"	30'-0"	Non-Pressurized (N)	Solid Back (SB)	1	11'-4"	13'-10"	1	Solid	18	24,000	42	10HP	44
SDD-16-16-40-N-SB	HDD-16-16-40-N-SB	16'-0"	16'-0"	40'-0"	Non-Pressurized (N)	Solid Back (SB)	2	11'-4"	13'-10"	1	Solid	24	32,000	(2)42	(2)7.5HP	58
SDD-16-16-50-N-SB	HDD-16-16-50-N-SB	16'-0"	16'-0"	50'-0"	Non-Pressurized (N)	Solid Back (SB)	3	11'-4"	13'-10"	1	Solid	30	40,000	(2)42	(2)7.5HP	72
SDD-16-16-60-N-SB	HDD-16-16-60-N-SB	16'-0"	16'-0"	60'-0"	Non-Pressurized (N)	Solid Back (SB)	4	11'-4"	13'-10"	1	Solid	36	48,000	(2)42	(2)10HP	88
Sizing Option Ranges		14-20*	12-20*	^												
Reference Key		A	B	C				D	E							

*Standard sizing of width and height are in increments of 2 ft.

Alternative Configuration: Drive Through (DT) - Alternative Options: Pressurized (P) Pre-Filtered (PF)



LARGE EQUIPMENT SPRAY BOOTH OPTIONS & ACCESSORIES



Durable Powder Coated White Option Available

Powder coating is a high quality finish that provides a more durable and attractive finish. Your paint booth will be more resistant to scratches, chips, abrasions, corrosion, fading and other wear issues.



Air Make-Up Unit (AMU)

An AMU replaces 100% of the exhausted air from the booth enclosure with fresh, filtered, tempered outside air. **Available for both indoor and outdoor applications**, AMU's can be set up for vertical or horizontal configurations. Multiple discharge locations are available.



Paint Mix Rooms

RTT's Paint Mix Rooms provide a controlled area for safely mixing paint. Easy to maintain and operate, the product was designed to provide fast and simple installation.



Touch Screen & PLC Based Controls Available

RTT offers touch screen controls for our batch ovens, paint booths and powder collectors, allowing for simple operation of your equipment. There are (3) size options to choose from as well as expandable input and outputs, on screen pressure monitoring, precise system information, built-in hour meters, and ethernet communications



Exhaust Ductwork

High quality 18 gauge galvanized steel ductwork and other needed accessories to properly exhaust your finishing equipment. The components come in a wide variety of configurations depending on your paint booth structure and features. Our ductwork construction provides superior protection against destructive elements including corrosion and rust.



FilterLoc Zip-To-Lock Filter Management Technology

FilterLoc is the quick and easy way to change out filters by eliminating the need for clips or pins. FilterLoc is designed to be mounted directly to the spray booth eliminating overspray bypass into the exhaust chamber. Once the track is mounted, it only takes seconds to secure the filter in place eliminating the need to overlap filters, saving money.



RP Arrestor W-Series Exhaust Filtration

The RP W-Series high efficiency line of filtration products is made of slit and expanded paper with a white outer layer. They are engineered for depth loading, extended life and holding capacity. The polyester back layer increases efficiency when used in applications with finely atomized particles.

ADDITIONAL OPTIONS

- Pre-filtered plenum for additional intake air filtration
- Roll-up, bi-fold or tri-fold doors
- Solid back, drive through, and reversed flow designs available
- Pressurized or non-pressurized



BATCH POWDER BOOTH



With an open front design, RTT's Batch Powder Booths are perfect for low volume powder applications. A cost-effective solution, this booth makes efficient use of shop space and is used for large or small parts. With an open face design and a 3-stage filtration system, air is drawn in through the open front of the spray booth and passes through the booth's working area into the filtered exhaust plenum. The air is filtered in three stages and discharged back into the room.

Features

- RTT booths are constructed from heavy duty 18-gauge, prime quality galvanized steel and engineered with corresponding support structure.
- All panels and support members are laser cut and precision formed for consistent fit allowing for easy nut and bolt assembly.
- 3-Stage Filtration System Extremely effective at catching powder dust; Stage 1: Blanket style filter, Stage 2: Bag style filter, Stage 3: Hepa type filter.
- Final Filter Proving Assembly ensures filters are installed and functioning properly. Interlocks with the air solenoid valve.
- LED lighting is constructed of 22-gauge steel which is powder coated white, and available in 4000 and 8000 lumen models. E-Lights are ETL listed for US and Canada with Class 1 Division 2, Group A, B, C, D and Class 2 division 2, Group F and G ratings.
- Air solenoid valve interlocked to the exhaust fan and air supply for the spray application equipment is also included.
- RTT booths meet and/or exceed quality performance standards and all applicable OSHA and NFPA regulations.

Options

- Control panel and other electrical components can be purchased separately
- Durable powder coated white
- Conveyor and crane slots/openings
- Variable Frequency Controlled Fan (VFD) - Connected to the fan motor, this allows for the fan to turn at any speed so that optimum airflow within the booth can be achieved. The VFD can also save on operating costs due to the reduced amp load on the motor and the ability to slowly ramp the motor up to speed



UL & ETL listed control panel



Industry-leading LED lighting



Air solenoid valve



Powder exhaust filter proving assembly



5/16" bolts with serrated lock nut

BATCH POWDER BOOTH



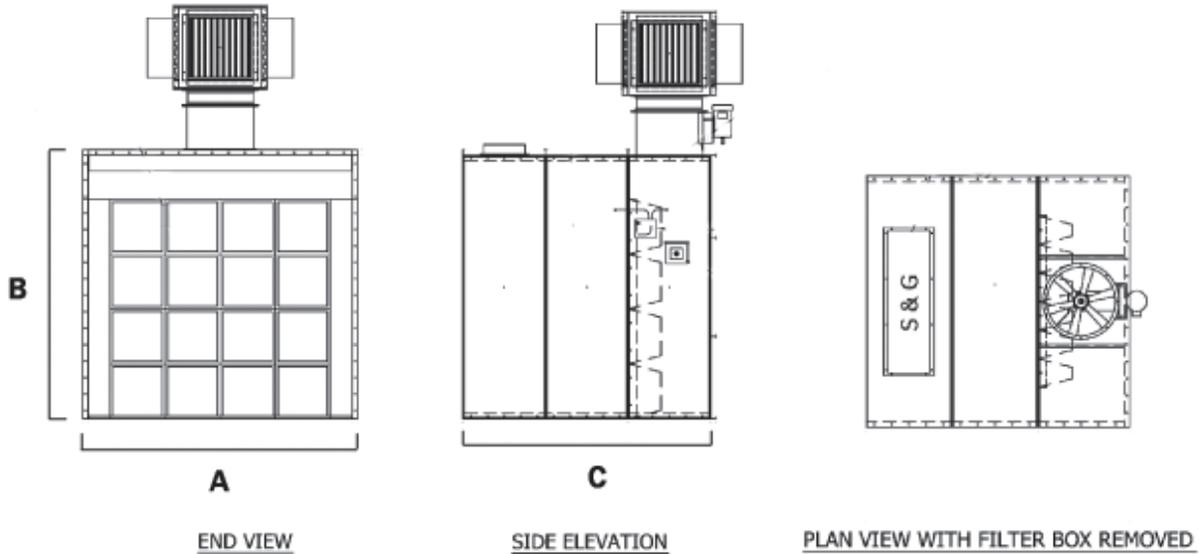
Selecting a Booth Size

RTT can design and build booths in a variety of sizes and configurations. Although our team can engineer custom sizes to fit your needs, below are standard sizes that are pre-engineered and available for quick shipment.

Model Number	Interior Dimensions			Exterior Dimensions			Total CFM	Fan Specs			Lights S&G
	Width	Height	Length	Width	Height	Length		Qty	Dia.	HP	
PB-04-07-05-00-S	4'-0"	7'-0"	5'-0"	4'-4"	12'-0"	8'-4"	2,800	1	18"	1.5HP	1
PB-06-07-05-00-S	6'-0"	7'-0"	5'-0"	6'-4"	12'-0"	8'-6"	4,200	1	24"	2HP	1
PB-08-07-05-00-S	8'-0"	7'-0"	5'-0"	8'-4"	12'-0"	8'-6"	5,600	1	24"	3HP	1
PB-10-07-05-00-S	10'-0"	7'-0"	5'-0"	10'-4"	12'-0"	9'-0"	7,000	1	30"	3HP	2
PB-12-07-07-00-S	12'-0"	7'-0"	7'-0"	12'-4"	13'-0"	11'-0"	8,400	1	30"	5HP	2
PB-14-07-07-00-S	14'-0"	7'-0"	7'-0"	15'-0"	13'-0"	11'-2"	9,800	1	30"	5HP	2
PB-16-07-07-00-S	16'-0"	7'-0"	7'-0"	17'-0"	12'-0"	10'-8"	11,200	2 (5600CFM)	24"	3HP	2
PB-04-08-05-00-S	4'-0"	8'-0"	5'-0"	4'-4"	13'-0"	8'-4"	3,200	1	18"	2HP	1
PB-06-08-05-00-S	6'-0"	8'-0"	5'-0"	6'-4"	13'-0"	8'-6"	4,800	1	24"	2HP	1
PB-08-08-05-00-S	8'-0"	8'-0"	5'-0"	8'-4"	13'-0"	8'-6"	6,400	1	24"	3HP	1
PB-10-08-05-00-S	10'-0"	8'-0"	5'-0"	10'-2"	14'-0"	9'-0"	8,000	1	30"	5HP	2
PB-12-08-07-00-S	12'-0"	8'-0"	7'-0"	12'-4"	14'-0"	11'-0"	9,600	1	30"	5HP	2
PB-14-08-07-00-S	14'-0"	8'-0"	7'-0"	15'-0"	13'-0"	10'-8"	11,200	2 (5600CFM)	24"	3HP	2
PB-16-08-07-00-S	16'-0"	8'-0"	7'-0"	17'-0"	13'-0"	10'-8"	12,800	2 (6400CFM)	24"	3HP	2
Reference Key	A	B	C	D	E	F					

*Not a standard product. Call customer service for pricing and availability.

Alternative Configuration: Double Entry (DE)



CARTRIDGE POWDER BOOTH



RTT's Cartridge Batch Powder Booths feature an open front design and are well suited for small to mid-size powder coating operations. To ensure the cartridge filters remain clean, this booth is built with an automated purge control feature to maintain the airflow at design levels. During operation, powder accumulates on the cartridge filters. As the cartridge filters load, airflow decreases and negative pressure rises within the air handler. A timer activates a system of air purging valves that clear the cartridge filters of accumulated powder to ensure maximum filter life. The powder from the filters falls into collection drawers located directly below the cartridge filters. An optional fluidized bed can be provided for powder collection.



Features

- RTT booths are constructed from heavy duty 18-gauge, prime quality galvanized steel and engineered with corresponding support structure.
- All panels and support members are laser cut and precision formed for consistent fit allowing for easy nut and bolt assembly.
- Collector Module recirculates clean, filtered air into the booth and includes high quality primary filter and final filter modules. Factory-assembled, powder coated white mild steel construction with removable powder drawer.
- LED lighting is constructed of 22-gauge steel which is powder coated white, and available in 4000 and 8000 lumen models. E-Lights are ETL listed for US and Canada with Class 1 Division 2, Group A, B, C, D and Class 2 division 2, Group F and G ratings.
- Control Equipment Includes NEMA 12 UL and ETL listed control panel mounted to the side of the collector module, factory wired and tested. Automatic or manual cartridge filter pulse down mode; Door mounted magnehelic gauge for cartridge filter monitoring; VFD to control fan speed; Pressure switches to monitor final filter pressure and warn/shutdown if pressure exceeds set point.
- Air solenoid valve interlocked to the exhaust fan and air supply for the spray application equipment is also included.
- RTT booths meet and/or exceed quality performance standards and all applicable OSHA and NFPA regulations.



Cartridge Collector



Control panel and VFD included



Industry-leading LED lighting

Options

- Fluidized bed for powder collection
- Durable powder coated white
- Conveyor and crane slots/openings



CARTRIDGE POWDER BOOTH



Selecting a Booth Size

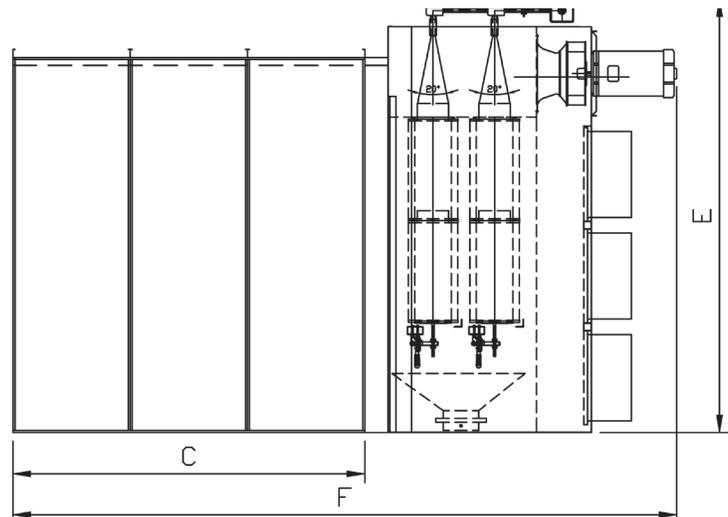
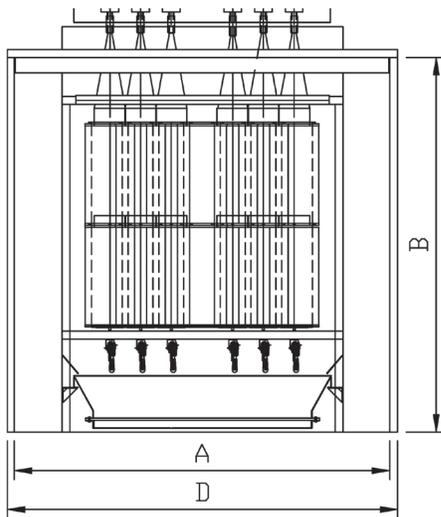
RTT can design and build booths in a variety of sizes and configurations. Although our team can engineer custom sizes to fit your needs, below are standard sizes that are pre-engineered and available for quick shipment.

CARTRIDGE COLLECTORS

Model Number	Interior Dimensions			Exterior Dimensions			Total CFM	Modules	Cartridge Filters	Final Filters	Fan Spec		Lights S&G
	Width	Height	Length	Width	Height	Length					Qty	HP	
RPC-4000-S	N/A	N/A	N/A	4'-8" (w/CP 5'-10")	8'-8" (w/MFD 9'-4")	4'-4" (w/Motor 6'-1")	4000 @3" SP	1	4	4	1	5HP	N/A
RPC-5000-S	N/A	N/A	N/A	4'-8" (w/CP 5'-10")	8'-8" (w/MFD 9'-4")	4'-4" (w/Motor 6'-1")	5000 @3" SP	1	5	4	1	7.5HP	N/A
RPC-6000-S	N/A	N/A	N/A	6'-0" (w/CP 7'-2")	8'-8" (w/MFD 9'-4")	5'-3" (w/Motor 6'-2")	6000 @3" SP	1	6	6	1	7.5HP	N/A
RPC-7000-S	N/A	N/A	N/A	6'-0" (w/CP 7'-2")	8'-8" (w/MFD 9'-4")	5'-3" (w/Motor 6'-2")	7000 @3" SP	1	7	6	1	10HP	N/A
RPC-8000-S	N/A	N/A	N/A	6'-0" (w/CP 7'-2")	8'-8" (w/MFD 9'-4")	5'-3" (w/Motor 6'-2")	8000 @3" SP	1	7	6	1	10HP	N/A

POWDER BOOTHS

Model Number	Interior Dimensions			Exterior Dimensions			Total CFM	Modules	Cartridge Filters	Final Filters	Fan Spec		Lights S&G
	Width	Height	Length	Width	Height	Length					Qty	HP	
RPB-08-07-7.5-00-S	8'-0"	7'-0"	7'-6"	8'-4"	9'-4"	13'-8"	6000 @3" SP	1 (6,000 CFM)	6	6	1	7.5HP	1
RPB-08-08-7.5-00-S	8'-0"	8'-0"	7'-6"	8'-4"	9'-4"	13'-8"	6000 @3" SP	1 (6,000 CFM)	6	6	1	7.5HP	1
RPB-08-10-7.5-00-S	8'-0"	10'-0"	7'-6"	8'-4"	10'-2"	13'-8"	8000 @3" SP	1 (8,000 CFM)	7	6	1	10HP	1
RPB-10-07-7.5-00-S	10'-0"	7'-0"	7'-6"	10'-4"	9'-4"	13'-8"	7000 @3" SP	1 (7,000 CFM)	7	6	1	10HP	2
RPB-10-08-7.5A-00-S	10'-0"	8'-0"	7'-6"	10'-4"	9'-4"	13'-8"	8000 @3" SP	1 (8,000 CFM)	7	6	1	10HP	2
RPB-08-10-7.5B-00-S	10'-0"	8'-0"	7'-6"	10'-4"	9'-4"	13'-7"	8000 @3" SP	2 (4,000 CFM)	7	8	2	5HP	2
RPB-10-10-7.5-00-S	10'-0"	10'-0"	7'-6"	10'-4"	10'-2"	13'-7"	10000 @3" SP	2 (5,000 CFM)	9	8	2	7.5HP	2
RPB-12-07-7.5A-00-S	12'-0"	7'-0"	7'-6"	12'-4"	9'-4"	13'-8"	8000 @3" SP	1 (8,000 CFM)	7	6	1	10HP	2
RPB-12-07-7.5B-00-S	12'-0"	7'-0"	7'-6"	12'-4"	9'-4"	13'-7"	8000 @3" SP	2 (4,000 CFM)	7	8	2	5HP	2
RPB-12-08-7.5-00-S	12'-0"	8'-0"	7'-6"	12'-4"	9'-4"	13'-7"	10000 @3" SP	2 (5,000 CFM)	9	8	2	7.5HP	2
RPB-12-10-7.5-00-S	12'-0"	10'-0"	7'-6"	12'-4"	10'-2"	13'-7"	12000 @3" SP	2 (6,000 CFM)	9	12	2	7.5HP	2
Reference Key	A	B	C	D	E	F							



PASS THROUGH POWDER BOOTH



RTT's Pass Through Powder Booths are engineered with a conveyor slot providing the ability to powder coat from both sides of the part with automatic or combined manual and automatic coating applications. The booth also features a collector module that can be rolled away for easy color change and has additional modules available for multiple color operations.

Parts enter the booth through conveyor openings, then pass the operator stations to receive the coating. The powder overspray is entrained within the air stream moving to the collector module, where the cartridge filters will remove the particulate. The containment air is drawn through the air handler's primary and final filter system before being discharged back into the room. Coated parts exit the booth for conveyance to the cure oven.



Shown with stainless steel option & Lexan roof option

Features

- RTT booths are constructed from heavy duty 18-gauge, prime quality galvanized steel and engineered with corresponding support structure.
- Collector Module recirculates clean, filtered air into the booth and includes high quality primary filter and final filter modules. Factory-assembled, powder coated white mild steel construction with removable powder drawer.
- LED lighting is constructed of 22-gauge steel which is powder coated white, and available in 4000 and 8000 lumen models. E-Lights are ETL listed for US and Canada with Class 1 Division 2, Group A, B, C, D and Class 2 division 2, Group F and G ratings.
- Control Equipment Includes NEMA 12 UL and ETL listed control panel mounted to the side of the collector module, factory wired and tested. Automatic or manual cartridge filter pulse down mode; Door mounted magnehelic gauge for cartridge filter monitoring; VFD to control fan speed; Pressure switches to monitor final filter pressure and warn/shutdown if pressure exceeds set point.
- Variable Frequency Controlled Fan (VFD) is connected to the fan motor. This allows for the fan to turn at any speed so that optimum airflow within the booth can be achieved. The VFD can also save on operating costs due to the reduced amp load on the motor, and the ability to slowly ramp the motor up to speed.
- Purge Control Assures the safe operation of the coatings enclosure, by maintaining airflow at design levels.
- RTT booths meet and/or exceed quality performance standards and all applicable OSHA and NFPA regulations.



Powder Booth With Collector Module



Control panel and VFD included

Industry-leading LED lighting

Options

- Stainless steel
- Additional collection modules
- Durable powder coated white

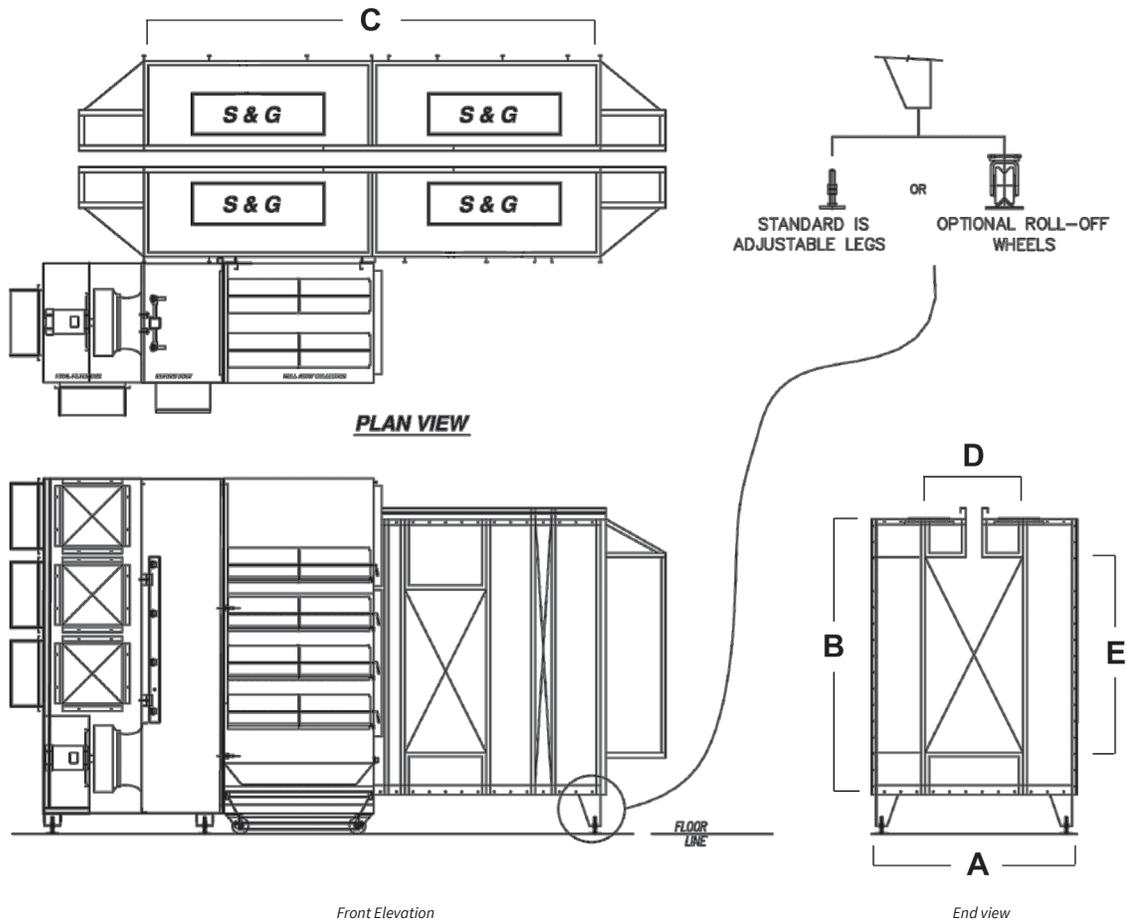
PASS THROUGH POWDER BOOTH



Selecting a Booth Size

RTT can design and build booths in a variety of sizes and configurations. Although our team can engineer custom sizes to fit your needs, below are standard sizes that are pre-engineered and available for quick shipment.

Model Number	Cabin Dimensions I.D.			Part Opening		Operator Access		Total CFM
	Width	Height	Length	Width	Height	Auto	Manual	
EPB-05-08-14-PT-S	5'-0"	8'-0"	14'-0"	3'-0"	6'-0"	2	2	7,000 @ 4.5" SP
EPB-06-08-14-PT-S	6'-0"	8'-0"	14'-0"	4'-0"	6'-0"	2	2	8,000 @ 4.5" SP
EPB-07-08-14-PT-S	7'-0"	8'-0"	14'-0"	5'-0"	6'-0"	2	2	9,000 @ 4.5" SP
Reference Key	A	B	C	D	E			



LAB POWDER BOOTH



The versatile lab powder booth is engineered for small batch, manual applications and includes a compact plenum design offering a larger work area. Extremely quiet and environmentally friendly, this booth is a perfect solution for operations with limited finishing space.

Features

- RTT booths are constructed from heavy duty 18-gauge, prime quality galvanized steel and engineered with corresponding support structure.
- All panels and support members are laser cut and precision formed for consistent fit allowing for easy nut and bolt assembly.
- Dwyer Purge Control assures the safe operation of the coatings enclosure by maintaining the airflow at design levels. During operation, powder accumulates on the cartridge filters. As the cartridge filters load, airflow decreases and negative pressure rises within the air handler. The adjustable timer activates a system of air purging valves that clear the cartridge filters of accumulated powder to ensure maximum life.
- LED lighting is constructed of 22-gauge steel which is powder coated white, and available in 4000 and 8000 lumen models. E-Lights are ETL listed for US and Canada with Class 1 Division 2, Group A, B, C, D and Class 2 division 2, Group F and G ratings.
- Control Equipment Includes NEMA 12 UL and ETL listed control panel mounted to the side of the collector module, factory wired and tested. Automatic or manual cartridge filter pulse down mode; Door mounted magnehelic gauge for cartridge filter monitoring; VFD to control fan speed; Pressure switches to monitor final filter pressure and warn/shutdown if pressure exceeds set point.
- Variable Frequency Controlled Fan (VFD) is connected to the fan motor, this allows for the fan to turn at any speed so that optimum airflow within the booth can be achieved. The VFD can also save on operating costs due to the reduced amp load on the motor, and the ability to slowly ramp the motor up to speed.
- Base Assembly Rollaway base assembly cabinet and floor support is fabricated with 3" channel steel and formed 10-gauge mild steel (welded construction). The finish will be white powder coating.
- RTT booths meet and/or exceed quality performance standards and all applicable OSHA and NFPA regulations.

Options

- Air manifolds
- Touch screen controls
- Durable powder coated white



Control panel and VFD included

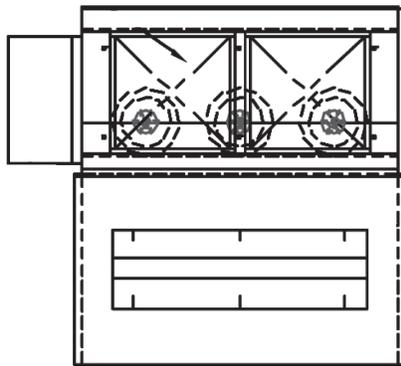
LAB POWDER BOOTH



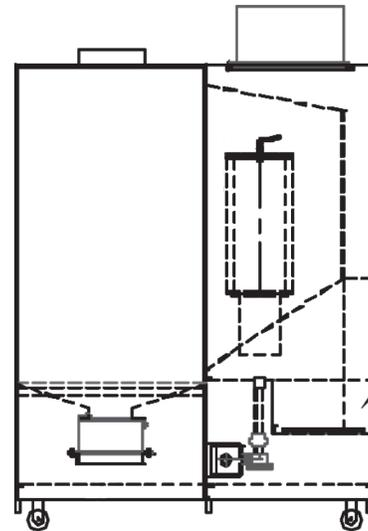
Selecting a Booth Size

RTT can design and build booths in a variety of sizes and configurations. Although our team can engineer custom sizes to fit your needs, below are standard sizes that are pre-engineered and available for quick shipment.

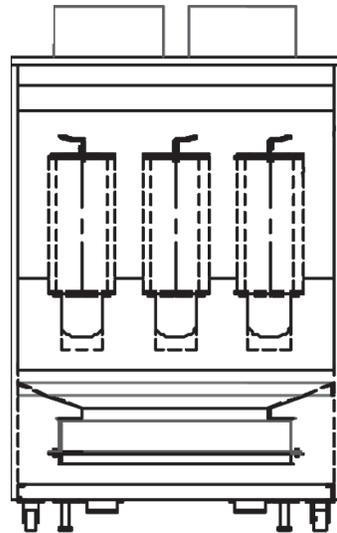
Model Number	Interior Dimensions			Exterior Dimensions			Total CFM	Filters	Fan Spec			Lights S&G
	Width	Height	Length	Width	Height	Length			Qty	Dia	HP	
LPB-05-05-03-00-S	5'-0"	5'-0"	3'-0"	5'-3"	8'-4"	5'-8"	1600	3	1	12 1/4"	3	1



Plan View



Right Elevation



Front Elevation

BATCH OVEN



RTT designs and fabricates batch curing ovens to meet a wide range of industrial curing applications for both liquid and powder coatings. RTT ovens are designed for efficient performance, utilizing high-quality Eclipse Version 2 direct fired burners. The oven is designed around an internal frame structure which supports prefabricated insulated oven panels that interlock, simplifying installation. The pretested burner box assembly supplies heated air to ductwork in the side walls of the oven enclosure which exits through "H" nozzles. The design of the internal duct work, combined with dedicated combustion and exhaust blowers, allow for optimal air flow balance within the oven which equates to quicker ramp up times and faster batch processing.



RTT ovens are supplied with our industry leading SmartTouch Control Panel. Utilizing the touchscreen interface, the operator can intuitively scroll through the various menu features which include batch timers, alarms, programmable recipes, maintenance schedules and diagnostics. RTT ovens are also supplied with our SmartConnect feature which is an app based program that allows for remote monitoring of the oven parameters and can also be configured to send notifications. As an option, RTT offers as an option the SmartBatch feature which provides real time part temperature monitoring.

RTT's standard batch ovens are equipped with dual entry doors. Optional door configurations include bi-fold or sliding, in situations where floor space is an issue. RTT also offers a premium AutoSeal metalized fabric roll-up door designed for reduced energy usage, ease of operation and operator convenience. Contact your local RTT distributor for more detailed information or custom oven designs.



SmartTouch Control Panel

SmartConnect

The RTT SmartConnect App provides the ability to remotely view oven status when the control panel is connected to an active internet connection. SmartConnect provides the ability to monitor temperature, process time remaining, elapsed time, system faults or burner status remotely. With the SmartConnect app you can receive email and/or text notifications for batch complete, oven temperature out of range, system faults or preventative maintenance with a yearly subscription (free for the first year). The subscription also provides email updates with temperature and batch time reports. SmartConnect is simple and easy to use with user-friendly screens that mirror the oven touch screen panel. The app can be accessed using any Android, PC or Apple device.



SmartConnect App to remotely view oven status.

SmartBatch

RTT's new **patent pending** SmartBatch technology allows for "real-time" monitoring of part temperature. SmartBatch technology incorporates part temperature probes into the design of the batch oven and control panel for monitoring part temperature during the cure process. The information can then be used to control cure time cycle as well as document the part curing process. The SmartBatch technology allows better control of the cure process, cure temperature and energy consumption providing energy savings.



Optional SmartBatch part temperature monitoring

AutoSeal

An alternative to traditional oven doors, the new AutoSeal Roll Up Oven Door is designed with patented airtight sealing technology offering energy efficiency, improved safety, less maintenance and space-savings. AutoSeal Roll Up doors are perfect for batch cure ovens with operational temperatures up to 500F. The patented sealing technology creates an airtight environment for your curing operation and comes with a two year warranty.

- Efficient - 10-20% energy savings due to superior sealing technology
- Improved safety - Operators are not exposed to hot air while opening oven doors
- Cost Savings - Most end users realize a one-year return on investment based on energy and efficiency savings ovens doors



Optional AutoSeal metalized door.



Batch Oven Features & Options

Construction & Features

- Internal angle iron frames in all models
- 20-gauge aluminized steel with 4" insulated panels
- Single entry and double entry design available
- In-house design and fabrication of oven panels
- Slotted channel design to reduce heat transfer
- Explosion relief doors with FM approved latches
- Eclipse Version 2 air heat burners
- Superior airflow design to reduce heat transfer
- Maximum operating temperature of 450F
- RTT Batch Ovens comply with applicable OSHA, NFPA and Class A standards

Options

- Custom oven designs to meet any requirements
- Exhaust stack is not included, can be purchased as an option

SmartTouch Control Panel

- 6" Touchscreen with four batch modes and troubleshooting capabilities
- 1 Second to 166-hour digital batch timer with countdown indication
- Digital self-tuning temperature controller and high temperature limit with rollback protection
- Air proving switches for all critical fans
- UL/cUL/ETL listed controls in a NEMA12 Enclosure
- FM approved gas train with high pressure, low pressure, and proof of closure safety switches
- UV scanner flame monitoring for reliable start-up
- 230V/480V 3-phase 60Hz
- Available VFD control on exhaust fan for faster purge and cooler-down times



SmartTouch Control Panel

Selecting a Batch Oven Size

RTT can design and build ovens in a variety of sizes and configurations. Although our team can engineer a custom oven to fit your needs, below are standard sizes that are quickly available to you.

Model Number	Interior Dimensions			Single Entry Outside			Double Entry Outside			Recirculating Fan		Exhaust Fan		Burner		BTU Load (lbs/hr)	Gas Train	Cubic Feet/Hour	
	Width	Height	Depth	Width	Height	Depth	Width	Height	Depth	SCFM	HP	SCFM	HP	BTU	HP			Natural CFH	LP CFH
BO-06-07-12-SE-S	6'-0"	7'-0"	12'-0"	8'-5"	8'-4"	17'-8"	8'-5"	13'-4"	12'-8"	5,202	5HP	1,350	1HP	1,000,000	0.33HP	1,100	1.5" NPT	1,000	630
BO-06-07-14-SE-S	6'-0"	7'-0"	14'-0"	8'-5"	8'-4"	19'-8"	8'-5"	13'-4"	14'-8"	6,069	5HP	1,375	1HP	1,000,000	0.33HP	1,300	1.5" NPT	1,000	630
BO-06-07-16-SE-S	6'-0"	7'-0"	16'-0"	8'-5"	8'-4"	21'-8"	8'-5"	13'-4"	16'-8"	6,936	7.5HP	1,375	1HP	1,000,000	0.33HP	1,500	1.5" NPT	1,000	630
BO-06-08-12-SE-S	6'-0"	8'-0"	12'-0"	8'-5"	9'-4"	17'-8"	8'-5"	14'-4"	12'-8"	5,814	5HP	1,375	1HP	1,000,000	0.33HP	1,300	1.5" NPT	1,000	630
BO-06-08-14-SE-S	6'-0"	8'-0"	14'-0"	8'-5"	9'-4"	19'-8"	8'-5"	14'-4"	14'-8"	6,783	5HP	1,375	1HP	1,000,000	0.33HP	1,500	1.5" NPT	1,000	630
BO-06-08-16-SE-S	6'-0"	8'-0"	16'-0"	8'-5"	9'-4"	21'-8"	8'-5"	14'-4"	16'-8"	7,752	7.5HP	1,375	1HP	1,000,000	0.33HP	3,500	1.5" NPT	1,000	630
BO-07-07-12-SE-S	7'-0"	7'-0"	12'-0"	9'-5"	8'-4"	17'-8"	9'-5"	13'-4"	12'-8"	5,814	5HP	1,375	1HP	1,000,000	0.33HP	1,300	1.5" NPT	1,000	630
BO-07-07-14-SE-S	7'-0"	7'-0"	14'-0"	9'-5"	8'-4"	19'-8"	9'-5"	13'-4"	14'-8"	6,783	5HP	1,375	1HP	1,000,000	0.33HP	1,500	1.5" NPT	1,000	630
BO-07-07-16-SE-S	7'-0"	7'-0"	16'-0"	9'-5"	8'-4"	21'-8"	9'-5"	13'-4"	16'-8"	7,752	7.5HP	1,375	1HP	1,000,000	0.33HP	1,700	1.5" NPT	1,000	630
BO-08-08-12-SE-S	8'-0"	8'-0"	12'-0"	10'-5"	9'-4"	17'-8"	10'-5"	14'-4"	12'-8"	7,182	7.5HP	1,375	1HP	1,000,000	0.33HP	1,500	1.5" NPT	1,000	630
BO-08-08-14-SE-S	8'-0"	8'-0"	14'-0"	10'-5"	9'-4"	19'-8"	10'-5"	14'-4"	14'-8"	8,379	7.5HP	1,400	1HP	1,000,000	0.33HP	1,800	1.5" NPT	1,000	630
BO-08-08-16-SE-S	8'-0"	8'-0"	16'-0"	10'-5"	9'-4"	21'-8"	10'-5"	14'-4"	16'-8"	9,576	7.5HP	1,400	1HP	1,000,000	0.33HP	2,000	1.5" NPT	1,000	630
BO-08-08-20-SE-S	8'-0"	8'-0"	20'-0"	10'-5"	9'-4"	25'-8"	10'-5"	14'-4"	20'-8"	11,970	10HP	2,075	1.5HP	1,500,000	0.33HP	2,500	1.5" NPT	1,500	945
BO-08-10-10-SE-S	8'-0"	10'-0"	10'-0"	10'-5"	11'-4"	15'-8"	10'-5"	16'-4"	10'-8"	7,245	7.5HP	1,400	1HP	1,000,000	0.33HP	1,600	1.5" NPT	1,000	630
BO-08-10-12-SE-S	8'-0"	10'-0"	12'-0"	10'-5"	11'-4"	17'-8"	10'-5"	16'-4"	12'-8"	8,694	7.5HP	1,400	1HP	1,000,000	0.33HP	1,900	1.5" NPT	1,000	630
BO-08-10-14-SE-S	8'-0"	10'-0"	14'-0"	10'-5"	11'-4"	19'-8"	10'-5"	16'-4"	14'-8"	10,143	7.5HP	1,425	1HP	1,000,000	0.33HP	2,200	1.5" NPT	1,000	630
BO-08-10-16-SE-S	8'-0"	10'-0"	16'-0"	10'-5"	11'-4"	21'-8"	10'-5"	16'-4"	16'-8"	11,592	10HP	2,075	1HP	1,500,000	0.33HP	2,500	1.5" NPT	1,500	945
BO-10-10-10-SE-S	10'-0"	10'-0"	10'-0"	12'-5"	11'-4"	15'-8"	12'-5"	16'-4"	10'-8"	8,625	7.5HP	1,400	1HP	1,000,000	0.33HP	1,800	1.5" NPT	1,000	630
BO-10-10-12-SE-S	10'-0"	10'-0"	12'-0"	12'-5"	11'-4"	17'-8"	12'-5"	16'-4"	12'-8"	10,350	7.5HP	1,425	1HP	1,000,000	0.33HP	2,200	1.5" NPT	1,000	630
BO-10-10-14-SE-S	10'-0"	10'-0"	14'-0"	12'-5"	11'-4"	19'-8"	12'-5"	16'-4"	14'-8"	12,075	10HP	2,100	1HP	1,500,000	0.33HP	2,600	1.5" NPT	1,500	945

Alternative Configuration: Double Entry (DE)

VHD BATCH OVENS

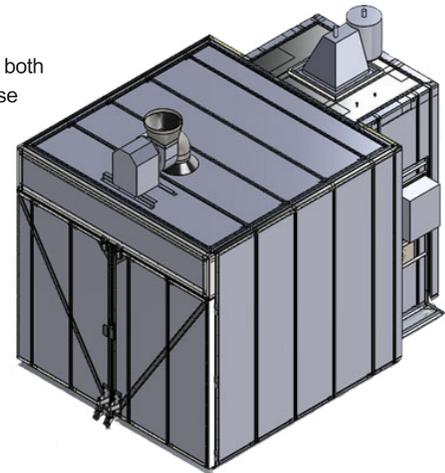


RTT designs and fabricates batch curing ovens to meet a wide range of industrial curing applications for both liquid and powder coatings. RTT ovens are designed for efficient performance utilizing high quality Eclipse Version 2 direct fired burners. The oven is designed around an internal frame structure which supports prefabricated insulated oven panels that interlock simplifying installation.

The floor mounted pretested burner box assembly supplies heated air to a distribution plenum in the ceiling of the oven permitting full overhead discharge. This downdraft design combined with dedicated combustion and exhaust blowers allow for optimal air flow within the oven which equates to quicker ramp up times and faster batch processing.

RTT ovens are supplied with our industry leading SmartTouch Control Panel. Utilizing the touchscreen interface, the operator can intuitively scroll through the various menu features which includes batch timers, alarms, programmable recipes, maintenance schedules and diagnostics. RTT ovens are also supplied with our SmartConnect feature which is an app based program that allows for remote monitoring of the oven parameters and can also be configured to send notifications. As an option RTT offers the SmartBatch feature which provides real time part temperature monitoring.

RTT's standard batch ovens are equipped with dual entry doors. Optional door configurations include bi-fold or sliding in situations where floor space is an issue. RTT also offers a premium AutoSeal metalized fabric roll-up door designed for reduced energy usage, ease of operation and operator convenience. Contact your local RTT distributor for more detailed information or custom oven designs.



SmartConnect

The RTT SmartConnect app provides the ability to remotely view oven status when the control panel is connected to an active internet connection. SmartConnect provides the ability to monitor temperature, process time remaining, elapsed time, system faults or burner status remotely. With the SmartConnect app you can receive email and/or text notifications for batch complete, oven temperature out of range, system faults or preventative maintenance with yearly subscription (free for the first year). The App can be accessed using any Android, PC or Apple device.

Construction & Features

- Internal angle iron frames in all models
- 20-gauge aluminized steel with 4" insulated panels
- Single entry and double entry design available
- In-house design and fabrication of oven panels
- Slotted channel design to reduce heat transfer
- Explosion relief doors with FM approved latches
- Eclipse Version 2 air heat burners
- Superior airflow design to reduce heat transfer
- Maximum operating temperature of 450F
- RTT Batch Ovens comply with applicable OSHA, NFPA and Class A standards

SmartBatch

RTT's new patent pending SmartBatch technology allows for "real-time" monitoring of part temperature. SmartBatch technology incorporates part temperature probes into the design of the batch oven and control panel for monitoring part temperature during the cure process. The information can then be used to control cure time cycle as well as document the part curing process, providing better control of the cure process.

SmartTouch PLC Control Panel

- 6" Touchscreen with four batch modes and troubleshooting capabilities
- 1 Second to 166-hour digital batch timer with countdown indication
- Digital self-tuning temperature controller and high temperature limit with rollback protection
- Air proving switches for all critical fans
- UL/cUL/ETL listed controls in a NEMA12 Enclosure
- FM approved gas train with high pressure, low pressure, and proof of closure safety switches.
- UV scanner flame monitoring for reliable start-up
- 230V/480V 3-phase 60Hz
- Available VFD control on exhaust fan for faster purge and cooler-down times



SmartTouch PLC Control Panel



SmartConnect App to remotely view oven status.



Optional SmartBatch part temperature monitoring



Optional AutoSeal roll-up door with patented air-tight sealing technology.



VHD BATCH OVENS



Selecting a VHD Batch Oven Size

RTT can design and build ovens in a variety of sizes and configurations. Although our team can engineer a custom oven to fit your needs, below are standard sizes that are quickly available to you.

Model Number	Interior Dimensions			Single Entry Outside			Double Entry Outside			Recirculating Fan		Exhaust Fan		Burner		BTU Load (lbs/hr)	Gas Train	Cubic Feet/Hour	
	Width	Height	Depth	Width	Height	Depth	Width	Height	Depth	SCFM	HP	SCFM	HP	BTU	HP			Natural CFH	LP CFH
BO-VHD-05-06-06-SE	5'-0"	6'-0"	6'-0"	5'-8"	7'-10"	10'-8"	9'-8"	7'-10"	6'-8"	1,080	1HP	675	1HP	500,000	0.33HP	500	1" NPT	500	315
BO-VHD-05-06-07-SE	5'-0"	6'-0"	7'-0"	5'-8"	7'-10"	11'-8"	9'-8"	7'-10"	7'-8"	1,260	1HP	675	1HP	500,000	0.33HP	500	1" NPT	500	315
BO-VHD-05-06-08-SE	5'-0"	6'-0"	8'-0"	5'-8"	7'-10"	12'-8"	9'-8"	7'-10"	8'-8"	1,440	1.5HP	675	1HP	500,000	0.33HP	600	1" NPT	500	315
BO-VHD-05-06-10-SE	5'-0"	6'-0"	10'-0"	5'-8"	7'-10"	14'-8"	9'-8"	7'-10"	10'-8"	1,800	1.5HP	700	1HP	500,000	0.33HP	800	1" NPT	500	315
BO-VHD-05-06-12-SE	5'-0"	6'-0"	12'-0"	5'-8"	7'-10"	16'-8"	9'-8"	7'-10"	12'-8"	2,160	2HP	700	1HP	500,000	0.33HP	900	1" NPT	500	315
BO-VHD-06-06-06-SE	6'-0"	6'-0"	6'-0"	6'-8"	7'-10"	10'-8"	10'-8"	7'-10"	6'-8"	1,296	1HP	675	1HP	500,000	0.33HP	500	1" NPT	500	315
BO-VHD-06-06-08-SE	6'-0"	6'-0"	8'-0"	6'-8"	7'-10"	12'-8"	10'-8"	7'-10"	8'-8"	1,728	1.5HP	675	1HP	500,000	0.33HP	700	1" NPT	500	315
BO-VHD-06-06-10-SE	6'-0"	6'-0"	10'-0"	6'-8"	7'-10"	14'-8"	10'-8"	7'-10"	10'-8"	2,160	2HP	700	1HP	500,000	0.33HP	800	1" NPT	500	315
BO-VHD-06-06-12-SE	6'-0"	6'-0"	12'-0"	6'-8"	7'-10"	16'-8"	10'-8"	7'-10"	12'-8"	2,592	2HP	1,350	1HP	1,000,000	0.33HP	1,000	1.5" NPT	1,000	630
BO-VHD-06-06-14-SE	6'-0"	6'-0"	14'-0"	6'-8"	7'-10"	19'-8"	10'-8"	7'-10"	14'-8"	3,024	3HP	1,350	1HP	1,000,000	0.33HP	1,200	1.5" NPT	1,000	630
BO-VHD-06-06-16-SE	6'-0"	6'-0"	16'-0"	6'-8"	7'-10"	20'-8"	10'-8"	7'-10"	16'-8"	3,456	3HP	1,350	1HP	1,000,000	0.33HP	1,300	1.5" NPT	1,000	630
BO-VHD-06-07-06-SE	6'-0"	7'-0"	6'-0"	6'-8"	8'-10"	10'-8"	10'-8"	8'-10"	6'-8"	1,512	1.5HP	675	1HP	500,000	0.33HP	600	1" NPT	500	315
BO-VHD-06-07-08-SE	6'-0"	7'-0"	8'-0"	6'-8"	8'-10"	12'-8"	10'-8"	8'-10"	8'-8"	2,016	2HP	700	1HP	500,000	0.33HP	700	1" NPT	500	315
BO-VHD-06-07-10-SE	6'-0"	7'-0"	10'-0"	6'-8"	8'-10"	14'-8"	10'-8"	8'-10"	10'-8"	2,520	2HP	1,350	1HP	1,000,000	0.33HP	1,000	1.5" NPT	1,000	630
BO-VHD-06-07-12-SE	6'-0"	7'-0"	12'-0"	6'-8"	8'-10"	16'-8"	10'-8"	8'-10"	12'-8"	3,024	3HP	1,350	1HP	1,000,000	0.33HP	1,100	1.5" NPT	1,000	630
BO-VHD-06-07-14-SE	6'-0"	7'-0"	14'-0"	6'-8"	8'-10"	18'-8"	10'-8"	8'-10"	14'-8"	3,528	3HP	1,375	1HP	1,000,000	0.33HP	1,300	1.5" NPT	1,000	630
BO-VHD-06-07-16-SE	6'-0"	7'-0"	16'-0"	6'-8"	8'-10"	20'-8"	10'-8"	8'-10"	16'-8"	4,032	5HP	1,375	1HP	1,000,000	0.33HP	1,500	1.5" NPT	1,000	630
BO-VHD-06-08-06-SE	6'-0"	8'-0"	6'-0"	6'-8"	9'-10"	10'-8"	10'-8"	9'-10"	6'-8"	1,728	1.5HP	700	1HP	500,000	0.33HP	700	1" NPT	500	315
BO-VHD-06-08-08-SE	6'-0"	8'-0"	8'-0"	6'-8"	9'-10"	12'-8"	10'-8"	9'-10"	8'-8"	2,304	2HP	700	1HP	500,000	0.33HP	900	1" NPT	500	315
BO-VHD-06-08-10-SE	6'-0"	8'-0"	10'-0"	6'-8"	9'-10"	14'-8"	10'-8"	9'-10"	10'-8"	2,880	2HP	1,350	1HP	1,000,000	0.33HP	1,100	1.5" NPT	1,000	630
BO-VHD-06-08-12-SE	6'-0"	8'-0"	12'-0"	6'-8"	9'-10"	16'-8"	10'-8"	9'-10"	12'-8"	3,456	3HP	1,375	1HP	1,000,000	0.33HP	1,300	1.5" NPT	1,000	630
BO-VHD-06-08-14-SE	6'-0"	8'-0"	14'-0"	6'-8"	9'-10"	18'-8"	10'-8"	9'-10"	14'-8"	4,032	5HP	1,375	1HP	1,000,000	0.33HP	1,500	1.5" NPT	1,000	630
BO-VHD-06-08-16-SE	6'-0"	8'-0"	16'-0"	6'-8"	9'-10"	20'-8"	10'-8"	9'-10"	16'-8"	4,608	5HP	1,375	1HP	1,000,000	0.33HP	1,700	1.5" NPT	1,000	630
BO-VHD-07-07-07-SE	7'-0"	7'-0"	7'-0"	7'-8"	8'-10"	11'-8"	11'-8"	8'-10"	7'-8"	2,058	2HP	700	1HP	500,000	0.33HP	800	1" NPT	500	315
BO-VHD-07-07-08-SE	7'-0"	7'-0"	8'-0"	7'-8"	8'-10"	12'-8"	11'-8"	8'-10"	8'-8"	2,352	2HP	700	1HP	500,000	0.33HP	900	1" NPT	500	315
BO-VHD-07-07-10-SE	7'-0"	7'-0"	10'-0"	7'-8"	8'-10"	14'-8"	11'-8"	8'-10"	10'-8"	2,940	3HP	1,350	1HP	1,000,000	0.33HP	1,100	1.5" NPT	1,000	630
BO-VHD-07-07-12-SE	7'-0"	7'-0"	12'-0"	7'-8"	8'-10"	16'-8"	11'-8"	8'-10"	12'-8"	3,528	3HP	1,375	1HP	1,000,000	0.33HP	1,300	1.5" NPT	1,000	630
BO-VHD-07-07-14-SE	7'-0"	7'-0"	14'-0"	7'-8"	8'-10"	18'-8"	11'-8"	8'-10"	14'-8"	4,116	5HP	1,375	1HP	1,000,000	0.33HP	1,500	1.5" NPT	1,000	630
BO-VHD-07-07-16-SE	7'-0"	7'-0"	16'-0"	7'-8"	8'-10"	20'-8"	11'-8"	8'-10"	16'-8"	4,704	5HP	1,375	1HP	1,000,000	0.33HP	1,700	1.5" NPT	1,000	630
BO-VHD-08-08-08-SE	8'-0"	8'-0"	8'-0"	8'-8"	9'-10"	12'-8"	12'-8"	9'-10"	8'-8"	3,072	3HP	1,350	1HP	1,000,000	0.33HP	1,000	1.5" NPT	1,000	630
BO-VHD-08-08-10-SE	8'-0"	8'-0"	10'-0"	8'-8"	9'-10"	14'-8"	12'-8"	9'-10"	10'-8"	3,840	5HP	1,375	1HP	1,000,000	0.33HP	1,300	1.5" NPT	1,000	630
BO-VHD-08-08-12-SE	8'-0"	8'-0"	12'-0"	8'-8"	9'-10"	16'-8"	12'-8"	9'-10"	12'-8"	4,608	5HP	1,375	1HP	1,000,000	0.33HP	1,500	1.5" NPT	1,000	630
BO-VHD-08-08-14-SE	8'-0"	8'-0"	14'-0"	8'-8"	9'-10"	18'-8"	12'-8"	9'-10"	14'-8"	5,376	7.5HP	1,400	1HP	1,000,000	0.33HP	1,800	1.5" NPT	1,000	630
BO-VHD-08-08-16-SE	8'-0"	8'-0"	16'-0"	8'-8"	9'-10"	20'-8"	12'-8"	9'-10"	16'-8"	6,144	7.5HP	1,400	1HP	1,000,000	0.33HP	2,000	1.5" NPT	1,000	630
BO-VHD-08-08-20-SE	8'-0"	8'-0"	20'-0"	8'-8"	9'-10"	24'-8"	12'-8"	9'-10"	20'-8"	7,680	7.5HP	2,075	1HP	1,500,000	0.33HP	2,500	1.5" NPT	1,500	945
BO-VHD-08-10-08-SE	8'-0"	10'-0"	8'-0"	8'-8"	11'-10"	12'-8"	11'-10"	8'-8"	8'-8"	3,840	3HP	1,375	1HP	1,000,000	0.33HP	1,300	1.5" NPT	1,000	630
BO-VHD-08-10-10-SE	8'-0"	10'-0"	10'-0"	8'-8"	11'-10"	14'-8"	12'-8"	11'-10"	10'-8"	4,800	5HP	1,400	1HP	1,000,000	0.33HP	1,600	1.5" NPT	1,000	630
BO-VHD-08-10-12-SE	8'-0"	10'-0"	12'-0"	8'-8"	11'-10"	16'-8"	12'-8"	11'-10"	12'-8"	5,760	7.5HP	1,400	1HP	1,000,000	0.33HP	1,900	1.5" NPT	1,000	630
BO-VHD-08-10-14-SE	8'-0"	10'-0"	14'-0"	8'-8"	11'-10"	18'-8"	12'-8"	11'-10"	14'-8"	6,720	7.5HP	1,425	1HP	1,000,000	0.33HP	2,200	1.5" NPT	1,000	630
BO-VHD-08-10-16-SE	8'-0"	10'-0"	16'-0"	8'-8"	11'-10"	20'-8"	12'-8"	11'-10"	16'-8"	7,680	7.5HP	2,075	1HP	1,500,000	0.33HP	2,500	1.5" NPT	1,500	945
BO-VHD-10-10-10-SE	10'-0"	10'-0"	10'-0"	10'-8"	11'-10"	14'-8"	14'-8"	11'-10"	10'-8"	6,000	7.5HP	1,400	1HP	1,000,000	0.33HP	3,700	1.5" NPT	1,000	630
BO-VHD-10-10-12-SE	10'-0"	10'-0"	12'-0"	10'-8"	11'-10"	16'-8"	14'-8"	11'-10"	12'-8"	7,200	7.5HP	1,425	1HP	1,500,000	0.33HP	4,500	1.5" NPT	1,000	630
BO-VHD-10-10-14-SE	10'-0"	10'-0"	14'-0"	10'-8"	11'-10"	18'-8"	14'-8"	11'-10"	14'-8"	8,400	7.5HP	2,100	1HP	1,500,000	0.33HP	5,300	1.5" NPT	1,500	945

Alternative Configuration: Double Entry (DE)

BATCH CURE CHAMBER



RTT's Batch Cure Chambers are designed to accelerate the curing process in a wide range of applications on wood, metal and non-metallic substrates. After the coating application, parts are accumulated in the batch curing chamber to accelerate drying time of the coating and improve the ability to handle and process parts. Filtered, heated air is provided through the intake plenum by an air makeup unit (heat range up to 160°F) and recirculated (80%) through the exhaust plenum back into the chamber with the remaining air (20%) exhausted.

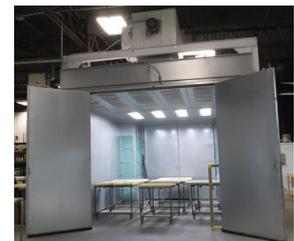
RTT's Batch Cure Chambers are available in standard configurations with hinged doors and solid backs but can also be designed as pass-through configuration with optional roll-up doors. All RTT batch cure chambers are provided with energy saving E-Light LED lighting.

Features

- Heavy duty construction from 18-gauge, prime quality-galvanized steel. Panels and structural components are laser cut and precision bent to ensure alignment allowing for easy nut and bolt assembly
- Laser cut panels and structural components precision bent to ensure alignment, allowing for easy nut and bolt assembly
- Pre-hung windowed personnel access doors in heavy gauge galvanized steel frame for easy installation. Easily accessible 36" wide entry door
- ETL and UL 508a listed controls in NEMA 12 Enclosure - Variable Frequency Drive (VFD) to control booth exhaust fan for user-friendly booth pressure balancing
- Delivers filtered air evenly throughout, designed for optimal fuel efficiency. Mounted chamber prob measures and adjust internal temperature, minimizes variation
- Intake and exhaust filtration removes particulates from the air that negatively affect quality of finish
- Complies with applicable NFPA regulations.

Options

- AutoSeal Roll Up oven door with patented energy saving sealing technology.
- Durable powder coated white option available.
- 2" Insulated panels up to 180° F (discharge air temperature)
- Roll-up, tri-fold or bi-fold doors available.
- Drive-through configuration.
- Height, width and depth can be custom designed to meet specific requirements



Batch Cure Chamber Interior



Air Make-Up Unit Remote Control Panel



Optional AutoSeal door with patented energy saving technology.

BATCH CURE CHAMBER

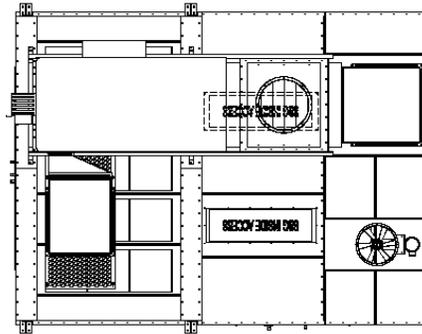


Selecting a Size

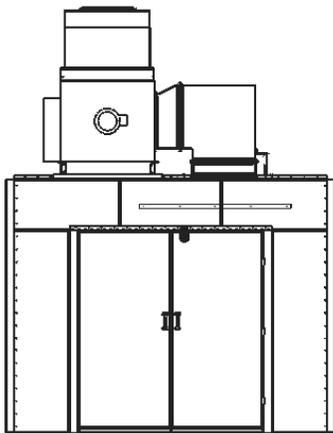
RTT provides three standard sized batch cure chambers that accommodate a wide range of curing needs. RTT can also offer custom sizes and configurations that can be engineered to meet site specific needs.

Model Number	Interior Dimensions			Access Doors	Nominal Door Opening				Qty Lights	80% Recirc CFM	Exhaust Fan		
	Width	Height	Depth		Width	Height	Qty	Type			CFM	Size	HP
BCC-12-08-16-P-SB	12	8	16	1	8	8	8	Solid	2	6,528	1,632	18	3/4
BCC-14-10-22-P-SB	14	10	22	1	10	10	1	Solid	2	9,520	2,380	18	3/4
BCC-16-16-34-P-SB	16	16	34	1	12	16	1	Solid	4	17,408	4,352	18	1.5

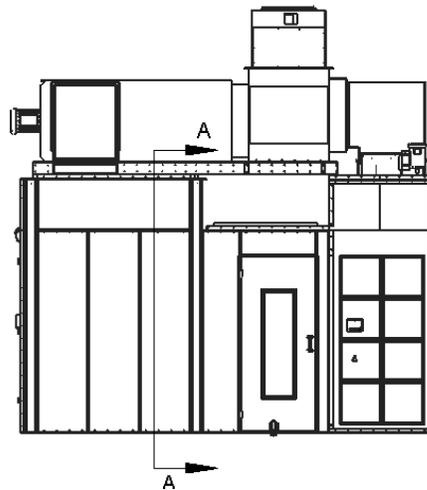
Alternative Configuration: Drive Through



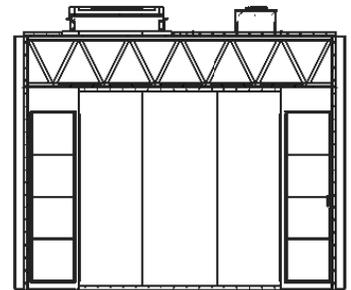
Plan View



Front View



Side View



Section A-A



CT SERIES AIR MAKEUP UNIT



The RTT CT Series Heat and Cure Air Makeup Unit (AMU) replaces 100% of the exhausted air from the spray booth enclosure with fresh, filtered, tempered outside air. The CT Series AMU is equipped with a custom control panel designed specifically for finishing applications and controls both the spray booth and Air Makeup Unit. The CT Unit can be mounted horizontally, vertically, indoors or outdoors as required to accommodate job site specific needs and space availability.

The RTT CT AMU offers a cost effective solution and includes many features such as lower sound levels, lightweight construction and easy installation and set up. The units enhance finishing applications by reducing airborne particulate and can increase production by accelerating dry time, thus improving operational efficiency of the finishing process. When a dedicated CT AMU is coupled directly to the booth (pressurized system), the integrated "Auto Balance" feature will adjust air flow based on filter loading to maintain designed settings, maximizing exhaust filter life.

The CT Series AMU's are offered in a variety of models including:

- Demand units which can provide make-up air for multiple spray booths within a building (No Exhaust VFD, No Light Circuit)
- Heat Only (Exhaust VFD, Light Circuit, Spray Air Interlock)
- Heat & Cure (Exhaust VFD, Light Circuit, Cure Cycle, Spray Air Interlock, Door Limit Switches)

Custom AMU solutions can also be provided for booth air recirculation in spray and/ or cure mode, as well as for applications that require temperature and humidity control.

Features

- ETL Listed to ANSI Z83.25 CSA3.19
- G90 Galvanized Finish
- Automatic Booth Pressure Control
- Motorized Auto Gas Control
- Low Sound Level Forward Curve Fan
- All Digital Microprocessor, PID, Dual Set Point Temp Controller
- Intake Shutoff Damper with Automatic Actuator
- Power Profile Dampers for Burner Optimization
- Variable Frequency Drive (VFD) to Control Booth Exhaust Fan for User-Friendly Booth Pressure Balancing
- Control Module with Alarm History and Technical Information
- Digital Magnehelic Gauge
- User-Adjustable Recipes for Cure 1 and Cure 2
- Approved Combustion Components Provide for a Safe Working Environment
- 2" Cleanable Intake Filters
- 2 Pound Gas Pressure

Options

- Manual Balance Adjustments
- Prep Mode
- Recirculation



Horizontal CT Series AMU



CT Series CAMU control Panel



CT SERIES AIR MAKEUP UNIT



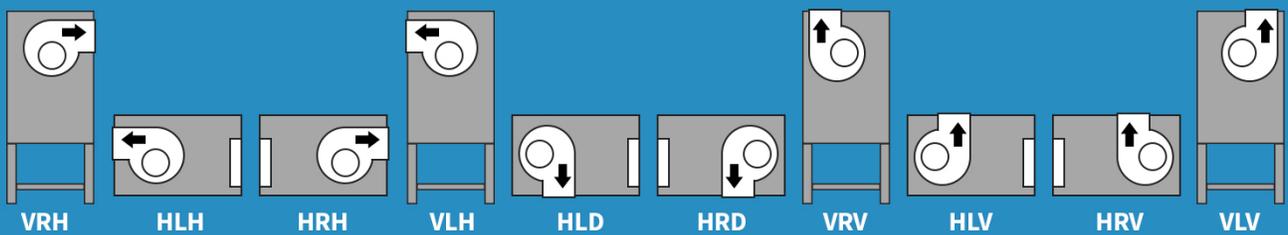
CT Series Air Makeup Unit Selection Guide

Available for both indoor and outdoor applications, the CT air makeup units can be set up for vertical or horizontal configurations. Multiple discharge locations are available to help in the arrangement of custom layouts and critical dimensions.

Model:	CT-118	CT-120	CT-122	CT-125	CT-127	CT-130	CT-133
CFM	8,000 SCFM to 10,000 SCFM	11,000 SCFM to 14,000 SCFM	15,000 SCFM to 18,000 SCFM	19,000 SCFM to 21,000 SCFM	22,000 SCFM to 27,000 SCFM	28,000 SCFM to 30,000 SCFM	31,000 SCFM to 40,000 SCFM
External Static Pressure	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
Fan Motor Horsepower	5 - 7.5	7.5 - 15	15	20	15 - 20	20	20 - 30
Fan Motor Amps @208 volt 3 phase	17.5 - 25.3	25.3 - 48.3	48	62	48.3 - 62.1	62	62.1 - 92
Fan Motor Amps @230 volt 3 phase	15.2 - 22	22 - 42	42	54	42 - 54	54	54-80
Fan Motor Amps @460 volt 3 phase	7.6 - 11	21- 21	21	27	21 -27	27	27 - 40
Fan Motor Amps @575 volt 3 phase	6.1 - 9	9 - 17	17	22	17 -22	22	27 - 32
Burner BTU Rating (Max)	880,000 - 1,100,000	1,210,000 - 1,540,000	1,650,000 - 1,980,000	2,090,000 - 2,310,000	2,420,000 - 2,970,000	3,080,000 - 3,300,000	3,410,000 - 4,400,000
Fuel Pressure (PSI)	2	2	2	2	2	2	2
Valve Train Inlet Size	3/4" - 1"	1"	1"	1 - 1 1/4"	1 1/4"	1 1/4"	1 1/2"
Natural Gas Fuel Consumption (Cubic Feet Per Hour)	880 - 1,100	1,210 - 1,540	1,650 - 1,980	2,090 - 2,310	2,420 - 2,970	3,080 - 3,300	3,410 - 4,400
Propane Fuel Consumption (Cubic Feet Per Hour)	555 - 693	762 - 970	1,040 - 1,248	1,317 - 1,456	1,525 - 1,871	1,941 - 2,079	2,149 - 2,773

Unit Configuration Options

(Other Configurations Available)



MULTI-STAGE PROCESS WASHER



RTT's Multi-Stage Washer Systems have been designed in conjunction with chemical suppliers to assure they meet the standards associated with the latest in chemical pretreatment technology. Together, we have designed our washers around minimizing maintenance and increasing machine life. They have been designed with the necessary stiffeners and structure support for the conveyor. A sloped roof design allows condensed water to run down the side walls and away from any parts.



Our RTT skilled engineers will design a conveyor pass-through system specific to your needs, taking into consideration the size of the parts and the time allotted for the parts to pass through the washer.

Features

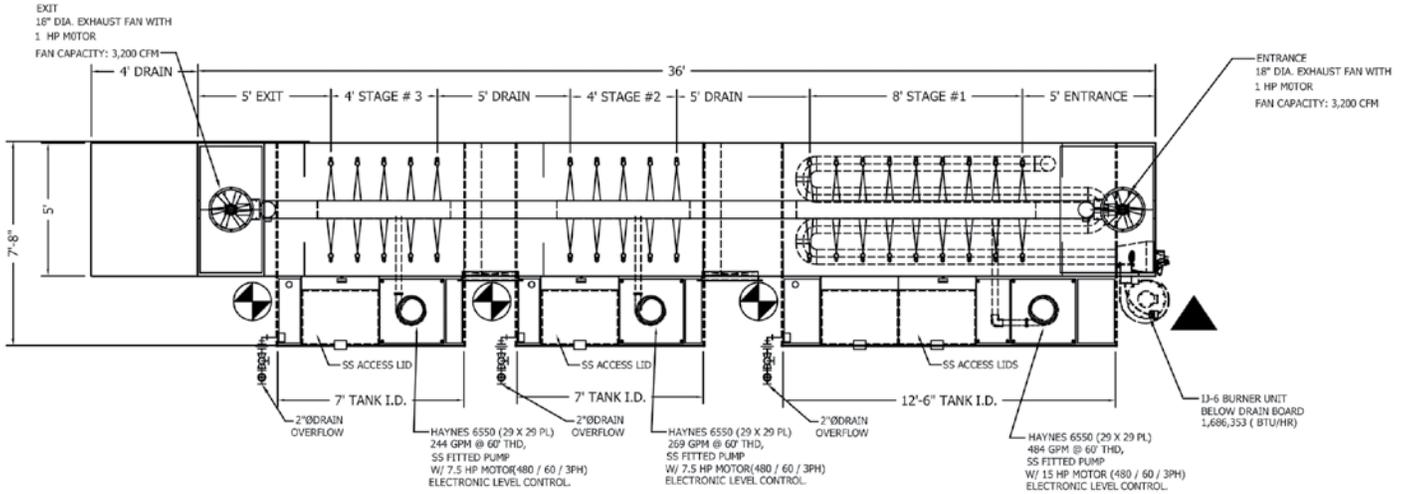
- RTT's process washers are designed with solution pumps that are top lift-out, vertical mount pumps with a semi-open impeller.
- The "C" Face motor eliminates any field coupling and alignment problems and provides easy maintenance.
- A heavy cast frame supports bearing completely above the tank. Agreeable bearings are protected from fluid and vapors by cover plate and vapor seal.
- Washers are reinforced by a continuous pitched grill under the washer tank and angle stiffeners inside the tank walls. Stainless steel 2" x 2" x 1/4" support angles frame all tank lids and pump plates.
- Each process washer utilizes a nozzle-mix tube-firing burner designed to fire at high velocities through small-diameter, 10 stainless steel serpentine immersion tubes. The combustion gases from the burner scrub the inner tube surface and produce high heat transfer rates. These features allow for system efficiencies of 75% to 80%.
- Tank Turn Rating 3 to 1 minimum.
- All Pump Motors are variable frequency drive (VFD) to better control the nozzle pressure.
- Stages manufactured with water level control to maintain acceptable quality in the recirculated solution.
- Low water safety switch installed on all heated stages to protect the burner tubing.
- Washers manufactured by RTT meet and/or exceed all applicable OSHA and NFPA regulations.



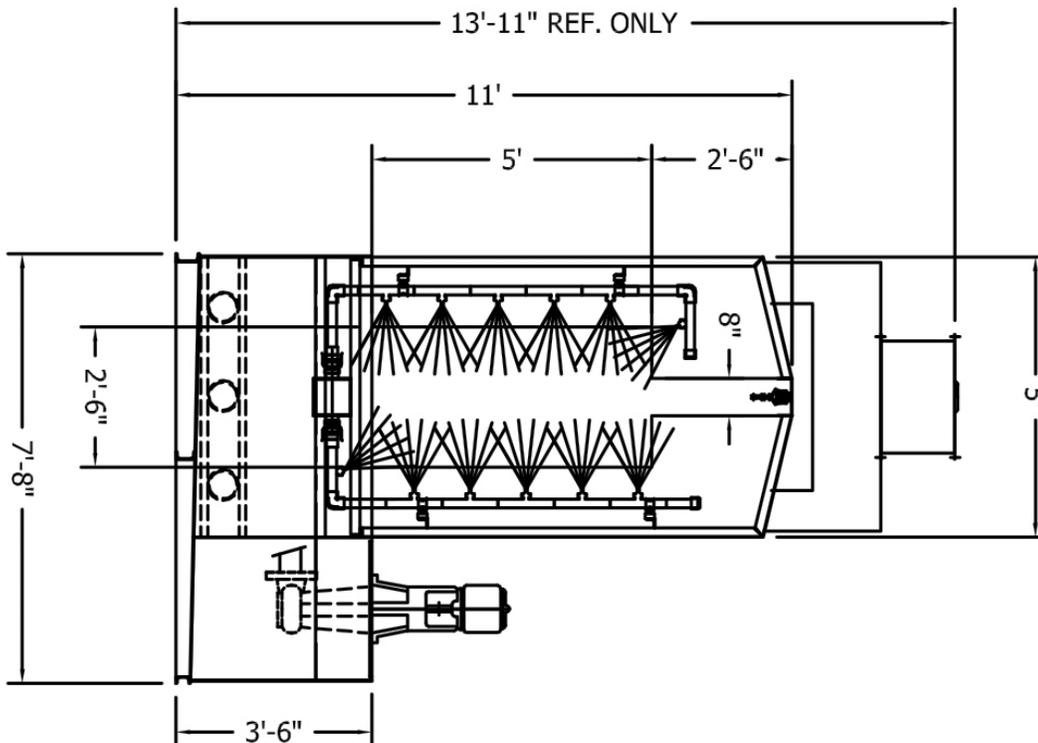
Options

- Counter flow piping
- Flow meters
- Oil skimmers
- Blow-off fans
- Misting risers
- Bag filters
- Chemical feed equipment
- Insulated tanks

MULTI-STAGE PROCESS WASHER



Plan View



Exit View



LIMITED FINISHING PREP STATION



A premium solution for prepping and painting vehicles, RTT's Limited Finishing Prep Station draws fresh air from the cleaner upper levels of the shop through a pressurization fan. The air is forced down in the prep station through a filter bank located in the ceiling near the entry. Keeping your shop clean, the air is drawn through the prep station work area into a filtered exhaust plenum at the opposite end and exhausted out to the atmosphere through the exhaust fan and stack. This design allows for the easy addition of a heated air makeup unit.



Features

- Hanging intake plenum and exhaust wall plenum are fabricated with 18-gauge galvanized steel panels.
- RTT Limited finishing prep stations ship with bright, even illumination from four-tube, 48" long, 32 watt, fluorescent light fixtures. RTT light fixtures are ETL listed (Class 1 Division 2, Group A, B, C, D and Class 2 division 2, Group F and G.) and are supplied with a multi-voltage ballast to accept any voltage between 110vac and 277vac. Bulbs are pre-installed at the factory and tested prior to shipment.
- One 18" diameter efficient tubeaxial fan with a 1 ½ HP, three-phase motor.
- Supporting accessories panels, assembly hardware, filters, and exhaust fan and stack included.
- RTT's Limited finishing prep stations meet and/or exceed quality performance standards and all applicable OSHA and NFPA regulations.



RTT Limited Finishing Prep Stations are a convenient way to prep parts with easy slide curtain.

Options

- Goff™ Curtain Walls optional for closing of painting area (installed height is required).
- Control panel and other electrical components can be purchased separately.
- Heated air makeup unit.

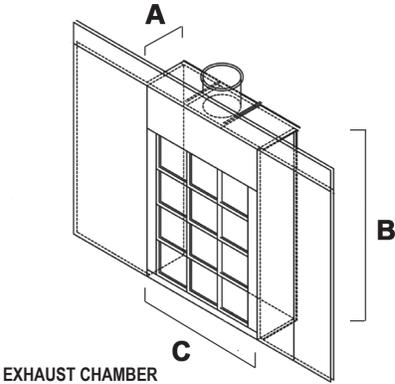
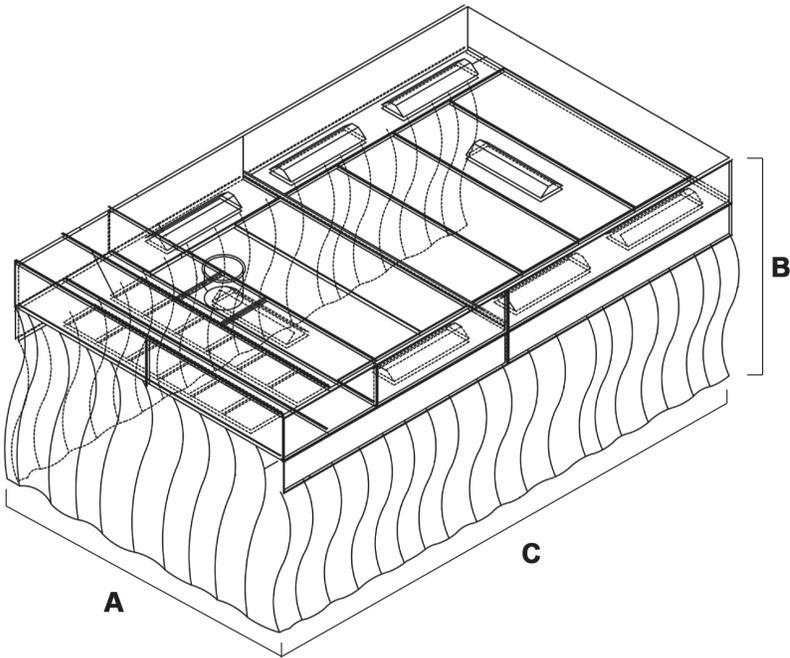
LIMITED FINISHING PREP STATION



Selecting a Booth Size

RTT can design and build booths in a variety of sizes and configurations. Although our team can engineer custom sizes to fit your needs, below are standard sizes that are pre-engineered and available for quick shipment.

Model Number	Interior Dimensions			Exterior Dimensions			Qty. Lights	Air Flow SCFM	Fan Spec.		Filters	
	Width	Height	Length	Width	Height	Length			Dia.	HP	Int.	Exh.
EPS-14-10-24-P-SB	14'-0"	10'-0"	24'-0"	14'-4"	12'-2"	26'-6"	8	5,000	(2)18"	1.5HP	12	12
	A	B	C									



CONTROL PANELS



RTT offers a variety of control panel options for your equipment. Motor starters are an economical way to safely control and protect a motor, while a standard UL listed control panel offers additional features such as main disconnect and booth lights control. VFD control panels allow for the ability to easily adjust fan speed which simplifies booth balancing. RTT also offers optional touch screen controls for booths. Control panels are delivered pre-wired with a single connection point to make installation fast and easy.

SmartTouch and PLC Based Control

SmartTouch is a standard feature for all ovens and is optional for spray booths.

Features & Options

- Color touch screen available in 3 sizes; 4.3 inch, 7 inch and 15 inch formats.
- SmartTouch Control Panels offer expandable inputs and outputs allowing for reconfigurations and new capabilities such as operations change.
- The SmartTouch panel can display the static pressure reading across the filters right on the screen. This data can then be used to set limits on filter changes and exported for filter analysis.
- When a VFD is used in conjunction with the SmartTouch control panel, detailed information such as frequency and amperage can be monitored.
- Easily schedule preventative maintenance by utilizing the built in hour meters that monitor each critical device on the equipment.
- When used with RTT ovens, and SmartTouch Control Panel is connected to a local area network, you can utilize RTT's SmartConnect app to remotely monitor oven status via any Android, PC or Apple device.



SmartTouch Control Panel

VFD Control Panel

VFD (Variable Frequency Drive) control panels allow the motor to operate anywhere between 18Hz and 60Hz. Having the ability to adjust fan speed allows for better control of the airflow in the booth. VFD control panels also offer energy savings because the fan is slowly ramped up to speed eliminating costly inrush current and savings on wear & tear items like belts.

Features & Options

- VFD control panel provides maximum airflow control. With new filters in the booth, the fan may move more air than what the applicator prefers. By using a VFD control panel, the operator can slow the fan when needed and speed it up as the filters become clogged. It also provides the ability to run the fan at a low speed during surface preparation.
- When a booth has a supply fan and exhaust fan, they both must move the exact amount of air for the booth to properly balance. Using a VFD control panel booth balance is simple because the operator has full control over the speed of the exhaust fan.
- The RTT VFD control panel is designed with high quality components. A VFD control panel has a main disconnect switch, fuse protection for the VFD, protection for up to 15 lights, control relays and field wiring terminal strip. The operator interface includes start/stop buttons for the fans and lights and a potentiometer to control the speed of the fan. The included magnehelic gauge can be used to adjust the balance of the booth.



VFD Control Panel



UL and ETL Listed Control Panels

A control panel is an all-inclusive means of controlling your booth. It comes pre-wired with a main disconnect switch, class 10 motor protector, light contactor and fuse protection. The independent toggle switches allow for separate control of your fan and lights. Control panels are UL 508a-listed and can also be ETL-listed.

Features & Options

- Control panels can be set up for almost any voltage, phase and HP configuration. The standard fuse protection allows for up to 15 amps of light fixtures and additional circuits can be added to control up to 45 amps of light fixtures. Control panels can be set up to operate paint mix rooms where continuous mechanical ventilation is required by NFPA 33.
- The included field wiring terminal block simplifies the wiring to optional devices such as door limit switches, filter alarms and compressed air solenoid. Fire suppression interlock is included as a safety feature so the fan turns off in case of a fire alarm.
- The included KT7 series motor controller offers maximum motor protection. Every KT7 device is individually calibrated for the lowest and highest current it can handle. When coupled with the automatic ambient temperature compensation over a range of -25C to +60C, very accurate thermal overload protection is obtained. Excellent short circuit protection of up to 65kA at 480V and up to 47kA at 600V is also achieved.



Standard Control Panel

Magnetic Motor Starters

Motor starters are our most basic and cost-effective option to easily operate the fan on your booth. The motor starter is pre-wired in a NEMA 1 enclosure. It is equipped with an adjustable solid-state overload relay and a 4 pole 23 amp contactor. For a UL-listed option, see our line of standard control panels with additional features.

Features & Options

- Motor starters can be set up for just about any voltage, phase and HP configuration needed for your application.
- Optional light contractor available. The motor starter can be a complete economical control solution for your booth. Independent toggle switches allow the lights and fan to be controlled separately.
- Paint Mix Room Compatible. A paint mix room is required to have continuous mechanical ventilation. Our motor starters can be configured to allow the fan to run at all times while still offering a switch for light fixtures.



Basic Motor Starter



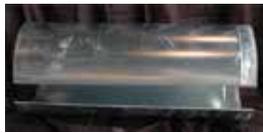
DUCTWORK



At RTT, we provide high quality galvanized steel ductwork and other needed accessories to properly exhaust your finishing equipment. The components come in a wide variety of configurations depending on your paint booth structure and features. Our ductwork construction provides superior protection against destructive elements including corrosion and rust. Below is a listing of our most popular ducts. Contact RTT for additional ducts and accessories.



Plain Duct



Part No.	Dia.
PP12	12"
PP18	18"
PP24	24"
PP30	30"
PP36	36"
PP42	42"
PP48	48"

Elbow Duct



90 Degree

Part No.	Dia.
90EL12	12"
90EL18	18"
90EL24	24"
90EL30	30"
90EL36	36"
90EL42	42"
90EL48	48"

45 Degree

Part No.	Dia.
45EL12	12"
45EL18	18"
45EL24	24"
45EL30	30"
45EL36	36"
45EL42	42"
45EL48	48"

Plain Duct With Cleanout Door



Part No.	Dia.
PPD12	12"
PPD18	18"
PPD24	24"
PPD30	30"
PPD36	36"
PPD42	42"
PPD48	48"

Automatic Roof Ventilator



Part No.	Dia.
ARV12	12"
ARV18	18"
ARV24	24"
ARV30	30"
ARV36	36"
ARV42	42"
ARV48	48"

Spiral Duct



Part No.	Dia.
SP12	12"
SP18	18"
SP24	24"
SP30	30"
SP36	36"
SP42	42"
SP48	48"

Rectangular Duct



RTT has many size variations available for square ducts. Contact RTT for more information on our square ducts.

TUBEAXIAL BELT DRIVEN FAN



RTT supplies high quality tubeaxial fans ranging from 12" to 42" in diameter and designed for continuous duty. The RTT fan model is a belt driven tubeaxial fan made specifically for reliable air movement in spray booth applications.

Superior Performance

- Standard airflow from 1480 to 32,243 CFM
- Static pressure 0.5" to 1.25" w.g.
- AMCA certified

Features & Options

- Aluminum non-sparking fan blade meets all NFPA 33 requirements
- Continuously welded, heavy-gauge, corrosion resistant, enamel coated steel housing with pre-punched inlet and outlet flanges.
- Non-relubricable "sealed for life" ball bearings in mono-block housing to ensure reliable bearing performance.
- The v-belt drive assembly is enclosed in an aerodynamically designed belt tube which maximizes fan efficiency.
- Dynamically balanced propellers for quiet, vibration-free operation
- Cast iron motor sheaves.
- Propellers are statically and dynamically balanced in accordance with ANSI/AMCA 204-05.



Aerodynamic belt tube with standard access door



Maintenance-free bearing assembly

SCFM @ 1/2"

Fan Diameter	Motor HP	SP	Motor RPM	Fan RPM
12"	3/4	1,450	1,725	2,457
18"	3/4-1-1/2	1,030-5,000	1,725	1,245-2,460
24"	1-3	5,350-9,050	1,725-1,750	1,330-1,960
30"	2-5	8,850-15,000	1,750	1,035-1,500
36"	5	15,296-18,392	1,750	860-979
42"	5-10	20,263-32,243	1,750	830-1,150

SCFM @ 3/4"

Fan Diameter	Motor HP	SP	Motor RPM	Fan RPM
18"	1-2	2,320-5,000	1,725-1,750	1,697-2,320
24"	1-1/2-3	5,100-8,900	1,725-1,750	1,415-2,010
30"	3-5	9,550-15,000	1,750	1,180-1,570
36"	5	13,296-16,708	1,750	860-979
42"	5-10	19,679-30,006	1,750	830-1,150

SCFM @ 1"

Fan Diameter	Motor HP	SP	Motor RPM	Fan RPM
18"	1-2	1,250-4,700	1,725-1,750	1,697-2,566
24"	2-5	4,500-8,610	1,750	1,544-2,237
30"	3-5	8,889-13,770	1,750	1,352-1,750
36"	5	10,860-14,930	1,750	860-979
42"	10	22,045-27,706	1,750	1,066-1,150

SCFM @ 1-1/4"

Fan Diameter	Motor HP	SP	Motor RPM	Fan RPM
18"	1-1/2-2	2,800-3,200	1,725-1,750	2,161-2,237
24"	2-3	4,200-6,400	1,750	1,604-1,933
30"	3-5	7,700-10,700	1,750	1,352-1,571

