

SPRAY BOOTHS









BENEFITS OF A SPRAY BOOTH

PROCESS CONTROL

A spray booth allows you to streamline your manufacturing process by bringing the coating portion closer to where your product is actually being manufactured. With a faster transition between between surface preparation and coating times, production will be increased and the risk of surface contamination is reduced.

PRODUCTION CAPACITY

By performing your coating process inside your building, you can increase your production capacity by working in any weather condition, at any time. Spray booths can include air makeup units for controlling temperature and increasing cure rates for faster product turnover.

CLEAN COATING ENVIRONMENT

The protective design of spray booths and the built-in filter system allow painters to work in an environment free of contaminants and other complications common with applying coating in open air. Using a spray booth is one of the simplest methods to contain overspray and keep the manufacturing area clean.

CROSSDRAFTS

A crossdraft booth design utilizes a simple configuration while providing an economical and efficient solution for coating a wide range of products. The crossdraft-style paint booth optimizes airflow with an exhaust fan that pulls air through the work area for exhaust extraction near the rear of the booth. This booth can be configured as a drive through or single door layout and can have heat and cure capabilities.

These booths can also be equipped with a pre-filtered plenum, pressurized intake plenum or air makeup unit depending on your specific application or requirements.



MODIFIED DOWNDRAFT

The modified downdraft booth improves airflow by directing air from intake filters located at the ceiling at one end of the booth. They effectively draw the air down and back towards the opposite end of the booth enclosure protecting your equipment with clean, fresh air that is free of contaminants. This booth can be configured as a drive through or single door layout and can have heat and cure capabilities.

These booths can also be equipped with a pre-filtered plenum, pressurized intake plenum or air makeup unit depending on your specific application or requirements.



SIDE DOWNDRAFTS

Shops or facilities in search of an economical solution will appreciate the side downdraft paint booths. With this configuration, you benefit from the versatility, functionality and efficiency of a downdraft paint booth, without needing to install a pit. The air is pulled from intake filters at the ceiling where it is directed down along the sides of both walls. This removes overspray while improving the painting and finishing process. This booth can be configured as a drive through or single door layout and can have heat and cure capabilities.

These booths can also be equipped with a pre-filtered plenum, pressurized intake plenum or air makeup unit depending on your specific application or requirements.



DOWNDRAFTS

Downdraft booths are among the most popular as a result of their superior airflow control. Downdraft booths redirect fresh air through a filtered booth ceiling to manage overspray more efficiently for an enhanced work environment. The air moves down to a pit in the floor to be exhausted. This booth can be configured as a drive through or single door layout and can have heat and cure capabilities.

These booths can also be equipped with a pre-filtered plenum, pressurized intake plenum or air makeup unit depending on your specific application or requirements.



AIR MAKEUP UNITS

Air Makeup Units (AMU) provide heat to the spray booth for comfort, managing surface temperature, and to accelerate curing during the drying process. The AMU's are ETL listed and equipped with 1.5 to 4 mil BTU Eclipse[™] burners that deliver conditioned and filtered heated air evenly throughout the booth. The system is precision-controlled to minimize temperature variations while effectively removing particulates from the air that can negatively affect the quality of a finish.

By utilizing direct-fired burners, our motorized auto gas control delivers a consistent burn for an evenly heated airflow into the booth. With self-adjusting profile and inlet dampers, the AMU modulates airflow as it passes over the burners, regulating air pressure and fuel consumption for a clean, fuel-efficient burn.



GLOBAL HEADQUARTERS

 3425 East Locust Street Davenport, IA 52803

ph: 800.BLAST.IT (800.252.7848) ph: 563.324.2519 fax: 563.324.6258

GULF STATES HEADQUARTERS

 701 East Boulevard Deer Park, TX 77536

ph: 800.BLAST.IT (800.252.7848) ph: 281.930.0905 fax: 281.542.0736

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WWW.MARCO.US SALES@MARCO.US

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