

# SIDE Downflo Spray Booth by AFC



➤ *Shown with optional windows in doors, plenum, powder coating and 14 lights.*

The Custom Aire **SIDE Downflo** spray booth has been designed by AFC in response to a need for a mid-priced booth with high-end performance. The **SIDE Downflo** spray booth eliminates the need for a pit or basement where construction of this type is not possible and where a raised floor cannot be used due to other limitations such as overhead clearance.

The Custom Aire **SIDE Downflo** spray booth introduces fresh filtered air evenly over the ceiling of the booth above the vehicle. The air flows smoothly down the sides of the vehicle and then is drawn away from the vehicle toward the walls near the floor. It then passes through the exhaust paint arrestors in the walls where the overspray is trapped and the air is then exhausted and dispersed into the atmosphere.

AFC has been producing superior spray booths for over 30 years. AFC carries a complete line of standard booths to supply any need and budget. In addition to utilizing the latest in materials and technology, along with computer-aided design, AFC is able to produce custom booths to meet any requirement.

For increased thru-put, and also for use with newer spray paints and coatings, the Custom Aire **SIDE Downflo** spray booth is designed to be used with the DFM800R heat system. This system has a proven track record for reliability and efficiency on AFC spray booths. Higher curing temperatures required by newer spray formulations are achieved with a unique, AFC designed, 100% fresh air superheating system.

No solvent contaminated air is returned to the booth, which prevents hazing and die-back, virtually eliminating cutting and buffing.

An optional user-friendly and fully automated control panel cycles the booth through the entire Flash, Cure, and Cool cycles without operator intervention. Controls are easily set to accommodate all types of paints and coatings. Digital temperature controls combined with two stage burner modulation assure minimal temperature fluctuations inside the spray booth.

The Custom Aire **SIDE Downflo** spray booth is available in solid back and drive-thru configurations. It comes with full documentation and all accessories necessary to assemble a fully operational booth.

At AFC, quality and reliability are designed into our products. Our warranty is backed by our reputation.

**AFC Finishing Systems**  
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# SIDE Downflo Spray Booth by AFC

➤ *SDDP2414DT model  
shown with optional  
powder coating, windows  
in drive door, and Quad  
style doors.*



## Side Downflo Specifications:

### Filters

Pre-filter: PF2050 with self-supporting frame.  
Intake: AFC LAMINAR III full ceiling filter bank.  
Exhaust: AFC paint arrestors.

### Lights

Twelve 4' four tube T8 fluorescent fixtures complete with tubes and clear tempered glass.

### Fans

Two 24" tubeaxial fans with non-sparking blades.

### Motors

Two 2 hp. 208/230/460 v, 3 phase.

## Power Requirements

Two circuits at 120v 15a for lighting and 30a, 208/230v, or 15a, 460

## Airflow

14,000 CFM of filtered air.

## Model Numbers

SDDP2412C: Solid Back  
SDDP2412DT: Drive Thru

## Construction

### Walls

Eighteen gauge galvanized steel

### Doors

Equipped with sturdy hinges and secured at both top and bottom with a cam-locking device to assure a complete seal.

## Dimensions

Inside: 14'0" wide, 10'0" high, 24'0" deep  
Outside: 16'4" wide, 11'10" high, 24'2" deep  
Door openings: 10'0" wide, 8'0" high  
Access door: 33" wide, 84" high

## Included Accessories

- Twelve feet of exhaust stack, two roof jacks and two upflow caps with dampers to prevent back draft
- All filters, including intake filters and exhaust arrestors
- Manometer to monitor porosity of paint arrestors
- Painter's work station
- Door limit switches to shut off fans and air valve to prevent painting with door open (required by code)
- Painter's air valve (required by code)
- Hardware, blueprints and assembly instructions
- Door gaskets

## Options *Consult factory for additional options.*

- Windows for drive-in doors
- Single phase motors
- Air Make-up systems

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