

Dry Type Spray Booth with Air Circulation Fans

This dry type spray booth is designed for water-based paint and baking applications. It features three fans on the top of the cabin to ensure optimal air circulation.



Overview

Professional Spray Booth Solution

This dry-type spray booth provides a controlled, high-efficiency environment designed for professional automotive painting and finishing. Featuring advanced air circulation, dual-stage filtration, and a high-performance heating system, it ensures consistent paint application while minimizing imperfections. The robust construction and integrated PLC controls offer durability and ease of operation for demanding auto body shop environments.

Dimensions

Outside Dimensions	7040 x 5696 x 3500 mm
Inside Dimensions	6900 x 4000 x 2650 mm
Front Door Dimensions	3000 x 2600 mm

Performance

Performance Metrics

23.4 kW

Total Power

80 °C

Max Temperature

98 %

Filtration Rate

Cabin System

Wallboard Materials	EPS Insulated, Colorful Steel Skin, Aluminum-alloy Frame
Wall Thickness	70 mm

Air Circulation

Air Circulation System

Component	Capacity	Power
Inlet Blower	25000 m3/h	7.5 kW
Outlet Fan	25000 m3/h	7.5 kW

Water-Based Paint Drying

- 54 ceiling nozzles
- 3 centrifugal fans (2.2kW/set)
- Air Volume: 385 m3/h
- Air Speed: 0.5 m/s

Heating System

Heating Performance

- Heating Time: 4-5 minutes (20-60°C)
- Fuel Consumption: 4-5 kg/vehicle
- Stainless steel heat exchanger

Lighting

Lighting Configuration

- Ceiling Light: 32 pcs (36w)
- Bottom Light: 32 pcs (20w)
- Brightness: 1100 Lux

Controlling System

Control Panel Features

PLC Control • Soft Touch Buttons • Emergency Stop • Breakdown Alarm • Timer