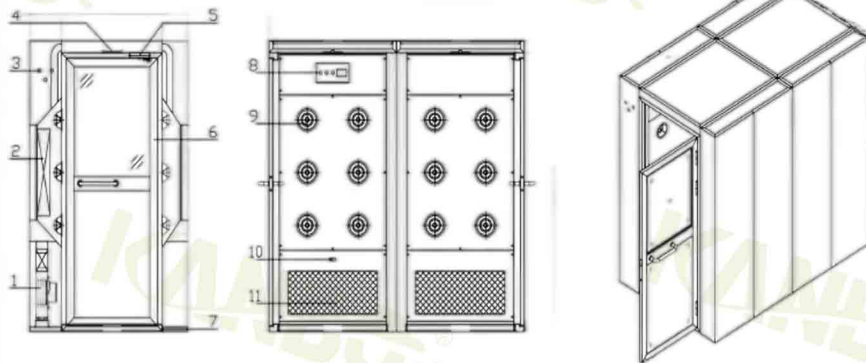


## Air Shower



### ◆ Product Description

The air shower is an essential personnel/material decontamination equipment for cleanrooms. It removes dust, hair, and other debris adhering to the surface of clothing using high-velocity clean air currents, while achieving an airlock function through the electronic interlock for double doors to prevent unfiltered air from entering the clean area.

- High-efficiency Purification Performance: Precisely removes surface dust
- Intelligent Control Capability: Reduces operational complexity
- Modular Structural Design: Adapts to diverse scenario requirements
- Safety & Reliability: Provides dual protection for clean area safety
- Energy Efficiency & Low Consumption: Lowers long-term operating costs

### ◆ Product Structure

- The air shower room adopts a box load-bearing system made of cold-rolled steel plates or stainless steel, equipped with reinforcing ribs and sealing technology. It includes an air and airflow system consisting of primary filters, high-efficiency filters, nozzles with an air velocity of  $\geq 25\text{m/s}$ , and centrifugal fans. It covers a door mechanism with manual/automatic door types and PLC electronic interlocking, and integrates a control system with PLC control, fault diagnosis, ESD protection and explosion-proof protection, all these components collectively achieve efficient purification and safety protection.

### ◆ Typical Applications

Air showers are widely used in industrial manufacturing, life sciences and healthcare, food processing and cold chain, as well as laboratories and scientific research fields; and have become key infrastructure for safeguarding industrial production and public health security.

### ◆ Typical Product Data and Physical Properties

Material: Cold-rolled steel / Stainless steel  
 Nozzles:  $\phi 30\text{mm}$  stainless steel nozzles,  $360^\circ$  rotatable  
 Door body: Manual doors / Automatic doors  
 Air shower wind speed:  $\geq 25\text{m/s}$   
 Air shower time: 0-99s adjustable  
 Airflow design: Internal circulation airflow system  
 Power: Single-person type 550-1100W, Double-person type 2200W

#### Availability:

Item#	Size	Material	specs
1.4.08.00.0014	W1240*D2000*H2050MM	Cold-rolled steel	Single-person
1.4.08.00.0003	W1300*D3000*H2100MM	Cold-rolled steel	Single-person
1.4.08.00.0004	W1300*D2100*H2100MM	Stainless steel	Single-person
1.4.08.00.0051	W1100*D800*H2040MM	Stainless steel	Single-person
1.5.45.00.0037	W1240*D3000*H2050MM	Stainless steel	Three-person
1.4.08.00.0008	W2070*D1500*H2050MM	Cold-rolled steel / Stainless steel	Single-person
1.4.08.00.0024	W1240*D2000*H2150MM	Cold-rolled steel / Stainless steel	Double-person
1.4.08.00.0025	W1240*D5000*H2150MM	Cold-rolled steel / Stainless steel	Multi-person

### ◆ Technical and Application Assistance

HORB provides a technical hotline to answer your technical and application related questions.

### ◆ Note:

This information is believed to be accurate. It is intended for professional end users having the skills to evaluate and use the data properly. HORB data for reference only.

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