



Air shower

Description:

Air shower is a kind of partial clean equipment which is installed at the partition between the clean and non-clean rooms. It's used for people and goods to shower before entering the clean area. After using it, the dust could effectively be reduced to enter the clean area and maintain the normal working status.

We can assembly air showers or passages in various lengths as per the number of people that may enter into the clean room.

Blowing type: one-side blowing, 2-side blowing, top side and 2-side blowing.

Features:

1. The control system run automatically by photoelectric sensor, the two door are electric interlocked.

(One door in open state, the other door must in close state. When people enter air shower, the system will shower automatically by photoelectric sensor)

2. Air shower time from 1 to 99 seconds which can be adjustable

3. Adopt Primary filter and HEPA filter

4. The door, bottom-board, nozzles are used of stainless steel, good appearance.

5. When air shower is used to pass cargo, it is without bottom-board, which calls cargo air shower, air shower for materials.

Optional accessory:

1. Manual swing door / automatic sliding door/High speed scroll shutter door

2. HEPA filter or ULPA filter

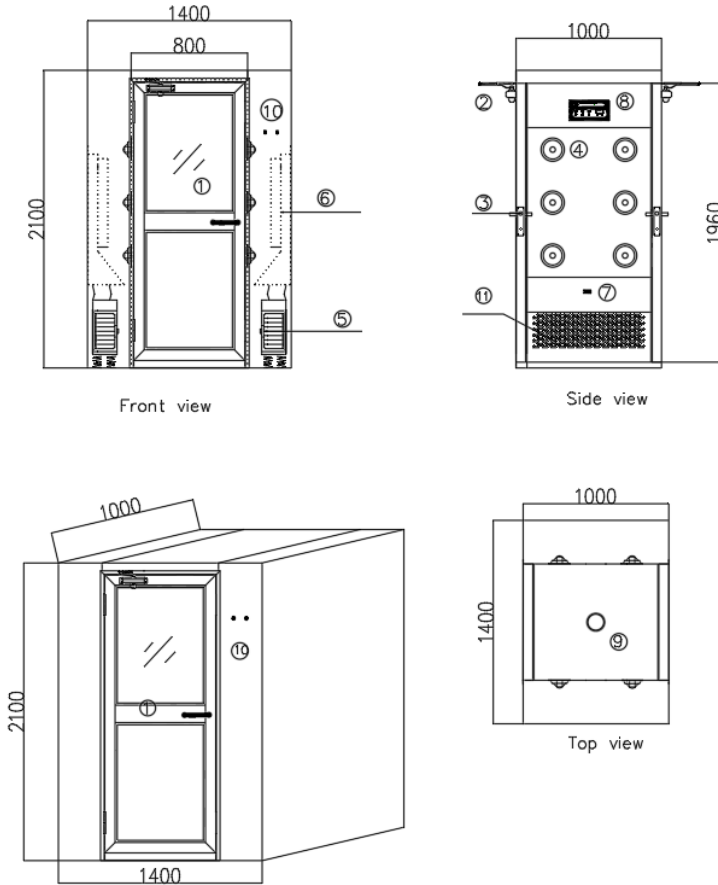
3. Material for cabinet: cold-rolled steel plate with powder coated /Stainless steel 201/Stainless steel 304

4. Common fluorescent lamp / UV Sterilizer lamp



5. With card reader or fingerprint access control

Drawing of Air Shower



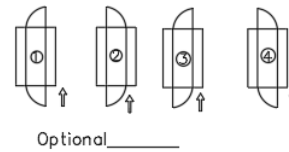
Air Shower

Ex dimension: W1400xD1000xH2100mm
In dimension: W800xD900xH1960mm

Material: T=1.2mm cold rolled steel with powder coated for main body,
T=1.2mm SS304 for the base

- ① . Door: SS304 Single-leaf Swing door with double-leaf half glass windows
- ② . Door closer: 2 sets ,outside
- ③ . Electric lock: 2 sets
- ④ . Nozzles: 6+6=12pcs,2-side blowing, Wind speed: >24m/s
- ⑤ . Blower fan: 2 sets, AC.380V/50HZ/3PH
- ⑥ . 99.99% Hepa filter:610x610x69mm 2 pcs
- ⑦ . Photoelectric sensor: 1 pcs
- ⑧ . English Control panel: 1 set
- ⑨ . LED Lamp 1 x 8W
- ⑩ . Indicator lights
- ⑪ . G3 Pre filter 2 pcs

Direction for door open

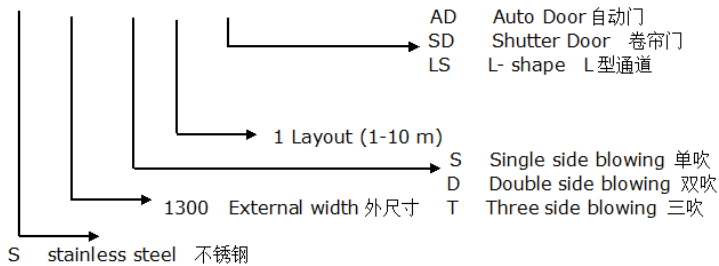


型号 Model Identification:

AS → Air shower

CAS → Cargo air shower

AS S-1300S-1-AD





Standard size and specifications:

Model	Air shower				
	AS-1200D-1	AS-1400D-1	AS-1400D-1.5	AS-1400D-2	AS-1400D-3
External dimensions WxDxH(mm)	1200x1000x2100	1400x1000x2100	1400x1500x2100	1400x2000x2100	1400x3000x2100
Internal dimensions WxDxH(mm)	800x900x1960	800x900x1960	800x1400x1960	800x1900x1960	800x2900x 1960
Material	1. Power coated steel, 2 powder coated steel for outside and stainless steel for inside, 3 Full Stainless steel				
Doors	Single-leaf swing door,Material: stainless steel				
Suitable person	one person	one person	2 persons	2-3 persons	4-5 persons
Nozzles	12(2- side)	12(2- side)	18(2-side)	24(2-side)	36(2- side)
Blower fan	#4250x 1 set	#4195 x 2 sets	#4250x2sets	#4195x4sets	#4195x6sets
Blow power(W)	1000W	850W	2000W	1700W	2550W
HEPA filter's dimensions	610x610x69mm 1 pcs	610x610x69 mm 2 pcs	610x610x69 mm 2 pcs	610x610x69 mm 4 pcs	610x610x69 mm 6 pcs
G3 Primary filter	4 pcs	4 pcs	4 pcs	4 pcs	4 pcs
Nozzle	Material:Stainless steel, Diameter 27mm				
Air shower time	0~99s Adjustable				
Spurt wind speed	20~25m/s				
Voltage	AC380V/50Hz/3Ph; AC220V/50Hz/1Ph				
Filter efficiency	Above 99.99% efficiency on 0.3um particles				
Control system	IC control panel, electronic interlock and automatic blowing				

Customized sizes can be accepted



Remarks:

External size: WxDxH (mm)

Internal size: W1xD1xH1 (mm)

1. $W=W1+W2*2$

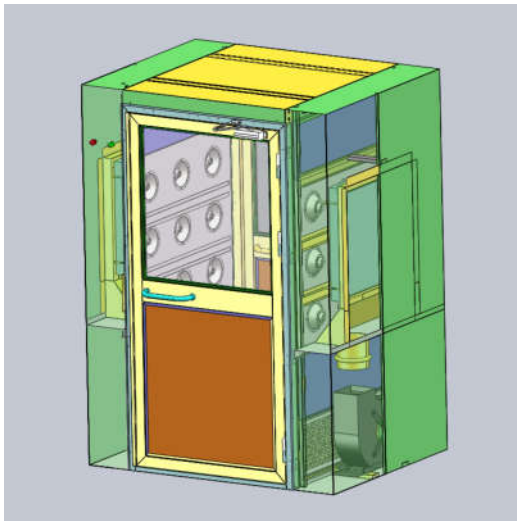
W1=800mm (Range: 700-1200mm, If > 1200mm, the doors will be double-leaf doors)

W2=300mm (Range: 250-450mm)

2. $D=1*N$ or $1.5*N$ (N is integer number), $D=D1+100$

3. H = 2050MM, 2100MM, 2140MM or 2200MM

Structure and drawing



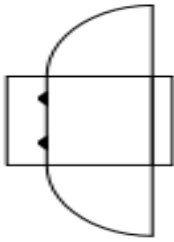
Main parts



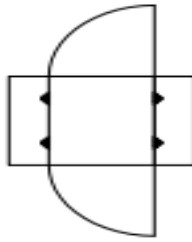


Door Open types:

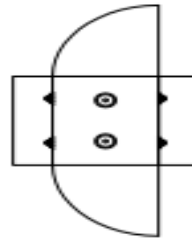
Blowing Type



1. Single-side

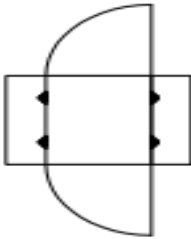


2. Double-side

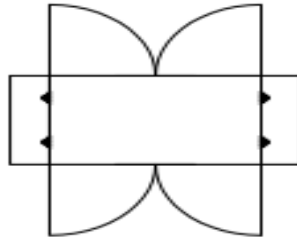


3. Three-side

Door Type

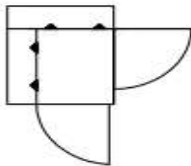


1. Single-leaf Swing door

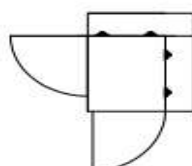


2. Double-leaf Swing door

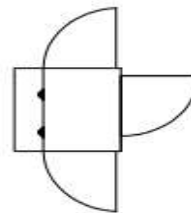
Door Open



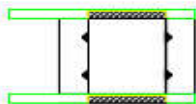
R. Turn Right



L. Turn Left



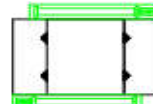
RL. Turn Right & Left



3. Single-leaf Sliding door



4. Double-leaf Sliding door



5. Auto Shutter door