

- Stainless steel air shower for cleanroom



Introduction

The air shower is the most common equipment used in the clean room. Its function is to isolate the clean room from the outside and prevent the source of pollution from entering the clean room. Its working principle is to use two interlocking doors. When one door is opened, the other door cannot be opened, which ensures that the inside and the outside are always isolated.

When workers or goods enter the air shower chamber, the air flow accelerated by the fan is filtered by HEPA filter and blown on the surface of the workers or objects at a very high speed to remove dust, so as to prevent cross-contamination if workers and goods carry pollutants.

Generally speaking, the air shower room is provided with **standard size** and **customized size**. We can customize the size and add additional different functions for you according to the actual needs of customers.

-Parameters

Item No	EA-AS1000	EA-AS2000	EA-AS3000
Outside dimension (mm)	1240*1000*2100	1240*2000*2100	1240*3000*2100
Inside dimension (mm)	790*860*1930	790*1860*1930	790*2860*1930
Rated power (Kw)	1.5	3	4.5
Airflow speed (m/s)	13-25 adjustable		
Nozzle quantity	12	24	36
HEPA filter QTY	1	2	3
Pre air filter QTY	1	2	3
Loading people	1-2	1-4	1-6
Input	380V/50Hz, 220V/50Hz, 110V/60Hz		
Filter efficiency	Class100, H13 99.97% @ 0.3 micron		
Control	Electronic interlock + Photoelectric sensor + Voice control		
Airflow blow time (S)	0-99 adjustable		
Material	SUS304, SUS201, painted steel panel		
Application	Cleanroom, laboratory, food process, pharma, electronics etc.		
* For both standard and customized sizes, efficiency available			

-Details



Built-in LED light

LED lighting is not easy to accumulate dust, is more energy-saving and environmentally friendly, and has a longer lifespan.



Smart touch screen

Control digital display intelligent control panel, voice function



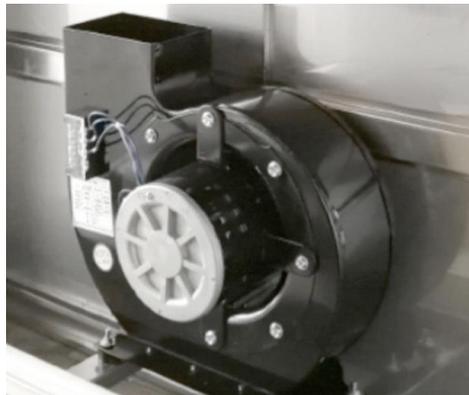
Blowing induction device

Infrared induction, automatic blowing and showering, reducing operation



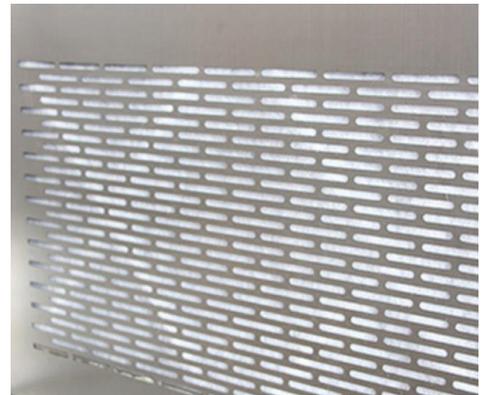
Rotary blowing spray

Stainless steel 304, 360 degree rotation, clean and no dead ends.



High-speed centrifugal fan

The operation is balanced, the vibration is small, the efficiency is high, and the life is long.



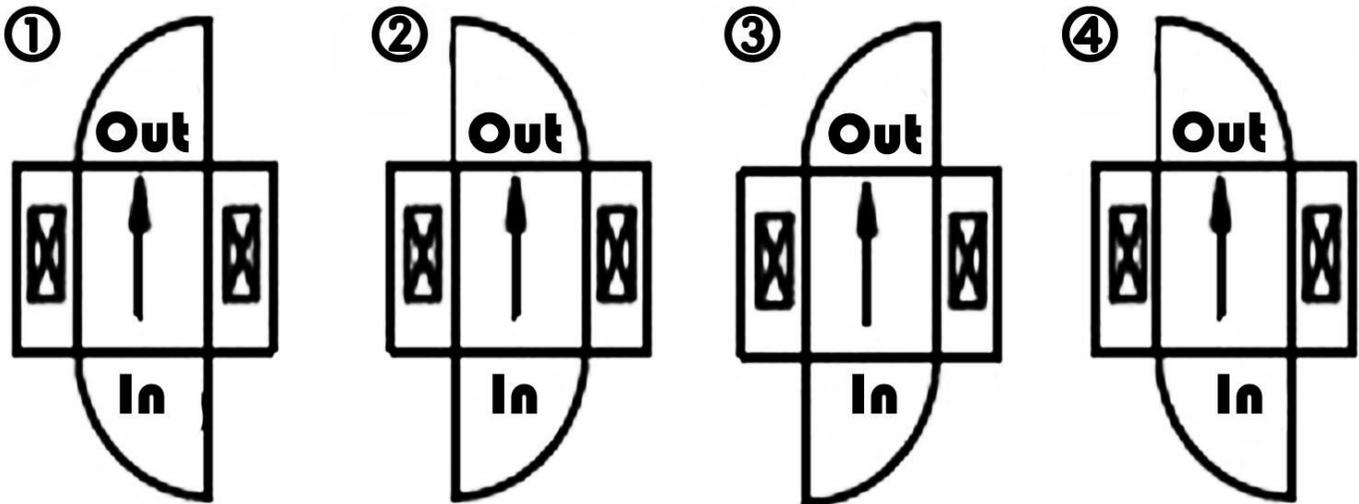
Return window

The professional return air window can significantly reduce the pollution caused by entering the clean room.





-Door open direction



* To help confirm the design, please offer some information to us

1. We can supply standard sizes and customized sizes, if needs customized sizes, please tell us the inner & outer size;
2. Housing material, we offers stainless steel #304 #201, #painted steel for outer, and #304 #201 for inner;
3. HEPA filter efficiency (the default is H13 99.97%);
4. Working input, we can do 220V, 110V, 380V choices;
5. Plug design (CN, USA, UK, EU, AU, JP, etc);
6. Door open direction;
7. If need other requirements like, L shape, U shape, 3 door, that is available;
8. If need other function like door access control, body temperature detection, automatic door, sole cleaning, those are available;

* RFQ

1. Is it possible to provide design drawings of the product, if we need to customize it.
We will give you a simple design sketch after preliminary communication. After you arrange the advance payment, we will give you a detailed design drawing , After you confirm, we will produce according to the drawings.
2. How long is the production lead time?
The production lead time is 7 days for standard products and 15 days for non-standard products.
3. Can you arrange transportation directly to our country.
Door-to-door logistics transportation can be used, and FOB, CIF and other terms can also be used.
4. How long is the shelf life of the product?
We provide one-year after-sales service. During this period, if the product has any quality problems, we will provide the corresponding accessories and provide a video to guide you how to replace the accessories.

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