

Cleanroom equipment series

Air shower room



Equipped with G4 primary filter and H13 high-efficiency filter without partitions for 2-stage filtration to ensure the purification level.



Fully automatic infrared induction shower.



Equipped with a 360-degree adjustable all-stainless steel nozzle. Left and right side blowing shower, large air volume and low noise centrifugal fan. The wind speed of the nozzle diameter can reach 22-27m/s.



It adopts liquid product time display, air shower time is adjustable from 0-99S, and displays the air shower time with humanized voice prompts.

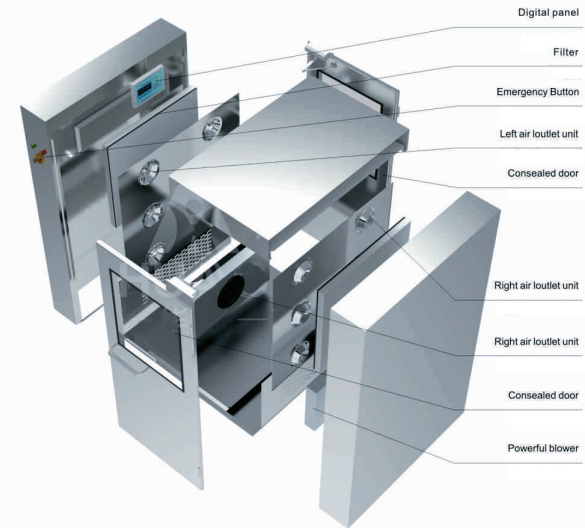
Parameter

The air shower room is a highly versatile local purification equipment that allows people or goods to enter a clean area. The clean and strong air filtered through coarse and high levels is sprayed out from the air shower nozzle by the fan. It is a necessary purification equipment for personnel entering clean rooms and dust-free workshops. The air shower is highly versatile and can be used with all clean rooms and clean factories.

The two doors of the air shower are electronically interlocked and can function as an airlock to prevent external pollution and unpurified air from entering the clean area. This helps prevent workers' hair, dust, and bacteria from being brought into the workshop, meeting strict dust-free purification standards in the workplace and ensuring the production of high-quality products.



Parameter



Digital panel

Filter

Emergency Button

Left air outlet unit

Consealed door

Right air outlet unit

Right air outlet unit

Consealed door

Powerful blower

Basic configuration

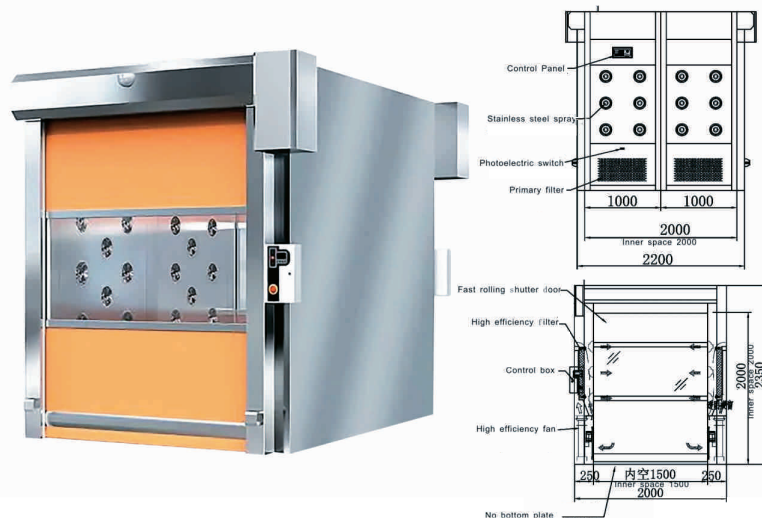
1. Material of air shower room: The outer box and the inner part are made of high-quality cold plate spraying or stainless steel, which provides a good protective barrier against external corrosion and rust.
2. Purification level, static thousand level
3. Double-layer filtration system: plate-type primary filter and partition-type high-efficiency filter are used to ensure the purification level
4. Advanced programming circuit board control, automatic infrared induction shower, Zhengxin AC contactor, double doors automatically close during showering.
5. Equipped with adjustable angle full stainless steel nozzle, durable: handles and floors are made of wear-resistant and easy-to-clean stainless steel plates
6. LED time display, air shower time is adjustable from 0 to 99 seconds, and the shower time countdown is displayed
7. Use a special fan for large air volume and low noise air shower room, the wind speed of the air outlet nozzle is greater than 25M/s, to ensure that the wind can reach 18M/s on the goods, in line with national and industry standards.
8. Power supply of the whole machine: 3N, 380V, 50Hz, 1.2KW
9. When the product leaves the factory, it is tested in accordance with the US Federal Standard 209E and is highly reliable. 10. The air shower room can be customized according to different site sizes, with modular design, which is very convenient for assembly and transportation.

Product parameter

Product Model	Single double blowing	Double blowjob	Multiple double blowjob
External dimensions (mm)	1300x1000x2100	1300x1500x2100	1300x2000x2100
Inner dimensions (mm)	800x900x1950	800x1400x1950	800x1900x1950
Number of users (people)	1-2	2-3	3-4
Number of nozzles(bilateral)	12	18	24
Shower time(adjustable)	10-99S Adjustable		
Purification efficiency	≥ 99.95 @MPPS		
Nozzle wind speed	23m/s (± 20%)		
Power supply	380V/50Hz or 220V/50Hz		
Standard air shower depth : 1M/1.5M/2.0M/3.0M/4.0M			
Standard air shower depth: 1M/1.5M/2.0M/3.0M/4.0M			

Cleanroom equipment series

Cargo shower room



Parameter

The cargo shower room is a necessary passage for personnel or goods to enter the clean room, which can reduce the pollution problems caused by personnel or goods entering and leaving the clean room. It is a highly versatile local purification equipment installed between the clean room and the non-clean room. When personnel or goods want to enter the clean area, they need to be blown through the cargo shower room. The clean air blown out can remove the dust carried by personnel or goods, and can effectively block and reduce the dust source from entering the clean area. At the same time, the front and rear doors are interlocked electronic door locks, which can also act as airlocks to control the external polluted air from entering the clean area. This equipment is widely used in air purification places such as biological laboratories, pharmaceutical factories, hospitals, food processing workshops, electronics factories, and coatings.

Basic configuration

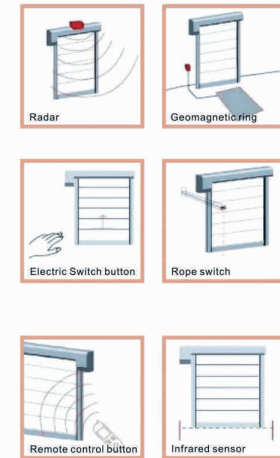
According to material requirements: cold plate paint, stainless steel 201/304/316 sanding, stainless steel 201/304/316 mirroring
 According to power requirements: voltage 220V/380V, frequency 50HZ/60HZ, number of phases: single phase/three phases
 According to air shower requirements: single blow, top blow, double blow, triple blow
 According to door requirements: manual door, automatic 90 degree door, sliding door, rolling door, strip curtain door, no door, etc.
 According to usage requirements: manual door cargo shower room, automatic door cargo shower room, corner cargo shower room, three-door air shower room, etc.

Cleanroom equipment series

Fast shutter door Dechong kunling



Optional opening control method



Parameter

Fast rolling shutter door, also known as fast soft curtain door, refers to a door with a running speed of more than 0.6 meters per second. It is a barrier-free isolation door that can be raised and lowered quickly. Its main function is to quickly isolate, thereby ensuring the dust-free level of the workshop air quality. It has multiple functions such as heat preservation, cold preservation, insect prevention, windproof, dust prevention, fire prevention, sound insulation, anti-odor, lighting, etc., and is widely used in food, chemical, textile, electronics, supermarkets, refrigeration, logistics, warehousing and other places, which can meet high-performance logistics and clean places. And it saves energy, closes automatically at high speed, improves work efficiency, and creates a better working environment.

Fast rolling shutter door has a variety of colors to choose from, such as: yellow, white, blue, red, orange or fully transparent. The perspective window can be rectangular or oval, which increases safety and management convenience.