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AIR SHOWER



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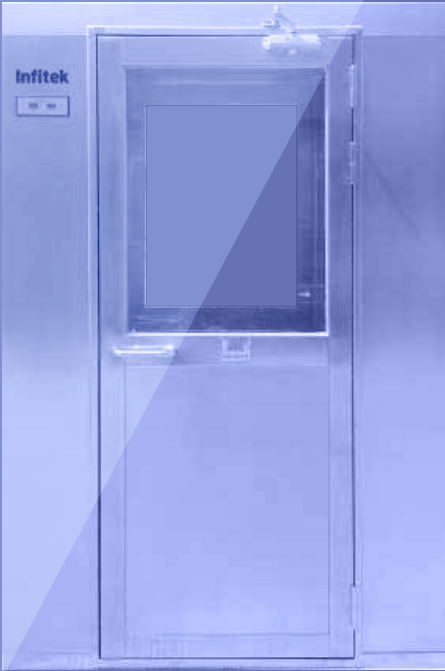
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Air Shower

ASR-1400D



Modular structure

The cabinet of the air shower room adopts the modular design scheme, and can be assembled into various lengths of air shower sizes according to the actual needs.

A typhoon shower room is composed of one or more air shower units. For large volume air shower equipment, it can be divided into multiple modules, making production, transportation and installation particularly convenient and fast.



High performance and high sealing

Imported electronic components are adopted, with stable and reliable operation performance.

Advanced noise reduction and silencing device system and EVA sealing material are adopted, with high sealing performance.



High stability

Each side of the air shower door is equipped with 3 pairs of stainless steel hinges to prevent the back door from sagging for a long time.

The door side of the bottom plate contains a threshold to prevent the door from blowing out due to the positive pressure inside the wind shower.



High cleanliness and high wind speed

The primary and high-efficiency filter two-stage filtration system is adopted, and the low resistance high-efficiency filter without partition is adopted.

The filtration efficiency is 99.95%, ensuring the purification level. Equipped with all stainless steel multi angle adjustable nozzle, double volute outer rotor large air volume low noise fan, the wind speed at the air outlet of the air nozzle is up to 22m/s, and the wind speed on the human body is over 18m/s.

Description

Air shower series products are a kind of local purification equipment with strong versatility, which is installed between clean rooms and non clean rooms. When people and goods enter the clean area, they need to be showered by the air shower room. The clean air blown out can remove the dust carried by people and goods and effectively block or reduce the dust source from entering the clean area.



Humanized operation

Humanized control panel design, clear door status indicator.

LCD display and setting of shower time, adjustable from 1 to 99s, the user can adjust the shower time according to the difference of the external environment of the air shower room.



Automatic control system

It is controlled by PLC integrated intelligent circuit board, and has such functions as LCD display, voice prompt, double door interlock, infrared automatic induction shower, etc.

Specifications

Model	ASR-1400D
Overall material	SUS304 stainless steel is used for the outer side and inner cavity of the box. Seamless welding and bending.
Filter efficiency	99.95% (sodium flame test), ≥ 0.5μm
Spray ball airflow velocity	≧24m/s
Spray ball diameter	30mm
Air shower time	0-99s
Spray ball material	Embedded, adjustable, high-quality stainless steel 304 mirror nozzle, can be adjusted universally to control the blowing part.
Circulating air volume	1500-2000m/h
Electricity	3N-380V--50Hz
Maximum power	About 2kW
Fan	Low noise centrifugal air shower fan
HEPA filter size	600*600*120 (High-quality high-efficiency filter with partition H13 without partition, using nano-polymer structure, for particle size ≧ 0.5μm) dust should be ≧ 99.95% (sodium flame method test)
Primary filter size	600*400 (Using high-quality primary G4, using nano-scale molecular structure, effectively filtering dust particles larger than 5μm)
Door opening method and material	Outward opening door; 304 stainless steel wire drawing square tube thickness 1.2mm, glass window above, stainless steel sealing plate below.
Blowing way	Induction showering, digital display, voice prompt system, automatic showering device, automatic blowing shower nozzles on both sides, so as to achieve the effect of dust removal, and return to the bottom return air outlet with the air flow and can be recirculated and blown out after filtering.
Lighting device	Ceiling embedded LED round ultra-thin energy-saving purification lamp
Circuit control	Microcomputer integrated control circuit system, infrared automatic induction, intelligent voice prompt electronic interlock. The door is opened ---- people enter ---- the door is closed ---- the automatic induction fan starts ---- the timed time to blow the shower and stop ---- go out.
Door opening time	When the door is opened, the light is on, and when there is no material sensing, the automatic extinguishing time can be set (0-99s).
External diameter(W*D*H)	1400*1500*2100 mm
Internal diameter	Customizable
Package Dimension (W*D*H)	1750*1520*2270mm