AIR SHOWERS

Models: AS Series

Features

Air Showers are a necessary step for people entering or exiting cleanrooms, in order to minimize the amount of contaminating particles and achieve strict particle count purification standards.

Personnel move through the air shower while particles are blown away by high-velocity clean air, preventing these particles from entering the clean area.

The “AS” Series Air Shower models can be constructed from the following materials:

1. Fully constructed of cold-rolled steel with an epoxy coating.
2. Interior in AISI 304 stainless steel and exterior in cold-rolled steel with epoxy coating.
3. Entirely made of AISI 304 stainless steel.

We offer three models, depending on the number of people the shower can accommodate and the high-velocity air jets:

- 1P1S: 1 person, 1 side air jet
- 1P2S: 1 person, 2 side air jets.
- 2P2S: 2 people, 2 side air jets







Specifications:

1. Equipped with a photoelectric sensor for automatic air blowing.
2. Designed with air recirculation, ensuring the shower area remains clean when not in use.
3. Double doors with interlock.
4. LED display with blow-dry time adjustment (0–99 sec)
5. CLASS 100 HEPA ABSOLUTE FILTER.

Tecnología para Diagnóstico e Investigación

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AIR SHOWERS

Models: AS Series

Technical Specifications

MODEL	AS-1P1S	AS-1P2S	AS-2P2S
External Dimensions	height x width x depth (mm): 2050 x 1300 x 1000	Height x Width x Depth (mm): 2050 x 1500 x 1000	Height x Width x Depth (mm): 2050 x 1500 x 2000
Interior dimensions	Height x Width x Depth (mm): 1930 x 800 x 890	Height x width x depth (mm): 1930 x 800 x 890	height x width x depth (mm): 1930 x 800 x 1890
Package dimensions	height x width x depth (mm): 2200 x 1400 x 1150	Height x Width x Depth (mm): 2200 x 1600 x 1150	height x width x depth (mm): 2200 x 1600 x 1650
Weight	300 kg	400 kg	700 kg
HEPA filtration	YES ABSOLUTE HEPA EFFICIENCY 99.999%		
Air Speed at Nozzles	25 m/s		
Number of Nozzles	6	12	24
Air Shower Duration	Adjustable (0 - 99 sec)		
Fluorescent Lamp	12 W x 1	12 W x 1	12 W x 2
Power consumption	1000 W	1500 W	2000 W
Construction materials (OPTIONAL)	1: Entirely made of cold-rolled steel with an epoxy coating. 2: Interior made of AISI 304 stainless steel and exterior made of cold-rolled steel with epoxy coating. 3: Entirely made of AISI 304 stainless steel.		
Doors (OPTIONAL)	1: Entirely made of cold-rolled steel with epoxy coating. 2: Entirely made of AISI 304 stainless steel.		
Voltage	AC 220V ±10%, 50/60 Hz; 110V ±10%, 60 Hz		

Ordering Information

Part Number	Description
425-AS-1P1S	Stainless steel interior, painted exterior air shower with 6 nozzles (1 person, 1 side nozzle)
425-AS-1P1S-INOX	Stainless steel interior-exterior air shower, 6 nozzles (1 person, 1 side nozzle)
425-AS-1P2S	Stainless steel interior air shower, painted exterior, 12 nozzles (1 person, 2 side nozzles)
425-AS-1P2S-INOX	Stainless steel indoor-outdoor air shower, 12 nozzles (1 person, 2 side nozzles)
425-AS-2P2S	Stainless steel interior air shower, painted exterior, 24 nozzles (2 people, 2 side nozzles)
425-AS-2P2S-INOX	Stainless steel indoor-outdoor air shower, 24 nozzles (2 people, 2 side nozzles)

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