



KLC-ASV
Vertical Flow
Air Shower

- Slide rail style door closer
- Adjustable stainless steel nozzle
- Perforated baseplate

1 Good effect of dust removal

The existing air shower equipment on the market is simple structured, double sides blow, easy to cause turbulence and eddy current, dust removal effect is not so good. KLC's practical air shower, one-way air flow organization to keep the air velocity consistent, dust removal effect is very good.

2 Return air from bottom

The way of return air from bottom, dust directly falling as per their own natural gravity. Top of the high-speed wind blowing likes the piston movement, can take the dust away quickly by the bottom elevated floor.

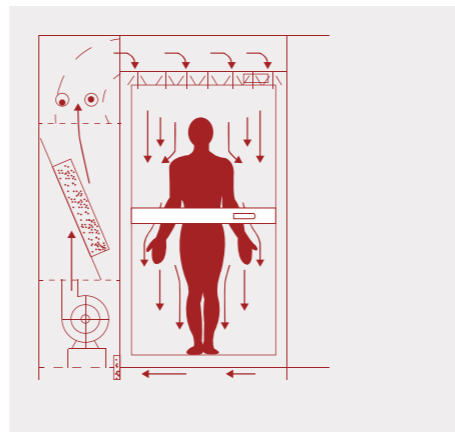
3 High performance fan

Air shower with 16 nos nozzles with wind speed 25m/s or more, resulting in high-speed airflow, forming a vertical one-way bottom return air circulation system.

4 Customized support

As per the layout of your clean room and your requirements, we can customize the specifications and shape of the air shower.

Item	Standard Air Shower with Vertical Blow		
Model	ASV-1150/1	ASV-1150/2	ASV-1150/3
Material	External and internal: Epoxy power coated steel / Stainless steel 304; Baseplate: Perforated stainless steel 304		
External size (W*L*Hmm)	1150*1000*2280	1150*2000*2280	1150*3000*2280
Internal size (W*L*Hmm)	800*930*1950	800*1930*1950	800*2930*1950
Door width (Wmm)	700	700	700
Nozzle in stainless steel (pc)	16	32	48
Nozzle wind speed (m/s)	≥25	≥25	≥25
Noise dB (1m from equipment)	<68	<68	<68
LED lamp (11W)	1	2	3
FAN	Power supply (V/Hz)	380/50	380/50
	Power/set (W)	750	750
	Quantity/Set	1	2
Size of HEPA filter (W*H*Dmm)	630*630*69	630*630*69	630*630*69
Size of pre-filter (W*H*Dmm)	855*158*17	855*158*17	855*158*17
Power supply (W)	810	1620	2430
Extra height version	External height size: 2380mm, Internal height size: 2050mm		

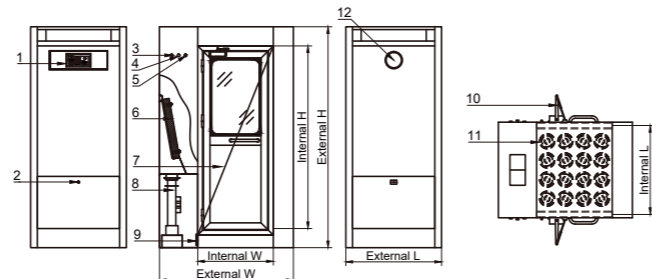


Optional Configuration

- PLC + HMI
- Automatic swing/sliding door
- H14 99.995% HEPA filter
- Anti-static function
- Anti-explosion
- Shoe cleaning machine
- Full glass door
- Non-standard voltage (220V/440V)

Parameter

- Control panel
- Infrared sensor
- Power indicator
- Work indicator
- E-stop switch
- HEPA filter
- Door
- Fan
- Pre-filter
- Door closer
- Nozzle
- LED light




KLC-ASF
Air Shower with
Surrounded
Blow

- Slide rail style door closer
- Work indicator & E-stop switch
- Adjustable stainless steel nozzle

1 Using efficiency increased by 50%

Round air without collision, centrifugal rotating and tension continuously strengthen, quickly take away the dust particles.

2 Saving energy 28%

Low consumption power, promote efficiency, intelligent standby.

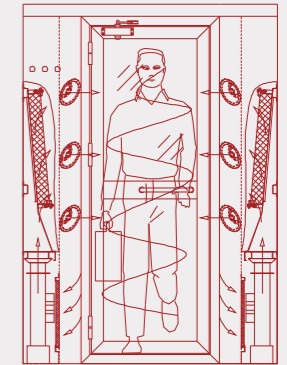
3 Lifespan increased 35%

Usage life increased 1080 days compared with original foundation.

4 Automatic sensor

Decreased the chance of pollution and makes working become more convenient.

Item	Standard Air Shower with Surrounded Blow		
Model	ASF-1450/1	ASF-1450/2	ASF-1450/3
Material	External and internal: Epoxy power coated steel / Stainless steel 304; Baseplate: Stainless steel 304		
External size (W*L*Hmm)	1450*1000*2050	1450*2000*2050	1450*3000*2050
Internal size (W*L*Hmm)	1040*930*1950	1040*1930*1950	1040*2930*1950
Door width (Wmm)	690	690	690
Nozzle in stainless steel (pc)	12	24	36
Nozzle wind speed (m/s)	≥25	≥25	≥25
Noise dB (1m from equipment)	<68	<68	<68
LED lamp (11W)	1	2	3
Fan	Power supply (V/Hz)	380/50	380/50
	Power/set (W)	550	550
	Quantity/Set	2	4
Size of HEPA filter (W*H*Dmm)	484*484*69	484*484*69	484*484*69
Size of pre-filter (W*H*Dmm)	445*380*17	445*380*17	445*380*17
Power supply (W)	1160	2270	3380
Extra height version	External height size: 2150mm, Internal height size: 2050mm		



Round air without collision, centrifugal rotation and tension continuously strengthen, quickly take away the dust particles. Use CFD hydrokinetics and kinematics principle, it can save more time at same working status.

Optional Configuration

- PLC + HMI
- Automatic swing/sliding door
- H14 99.995% HEPA filter
- Anti-static function
- Anti-explosion
- Shoe cleaning machine
- Full glass door
- Non-standard voltage (220V/440V)

Parameter

- Control panel
- Nozzle
- Infrared sensor
- Pre-filter
- Power indicator
- Work indicator
- E-stop switch
- HEPA filter
- Door
- Door closer
- Nozzle
- LED light

