

Class A Laminar Flow Hood

A laminar flow hood is an air purification device that provides a localized, highly clean environment. It primarily consists of a housing, fan, air filter, damping layer, and lighting. The housing is constructed entirely of stainless steel. It can be suspended or ground-mounted, boasting a compact design and ease of use.

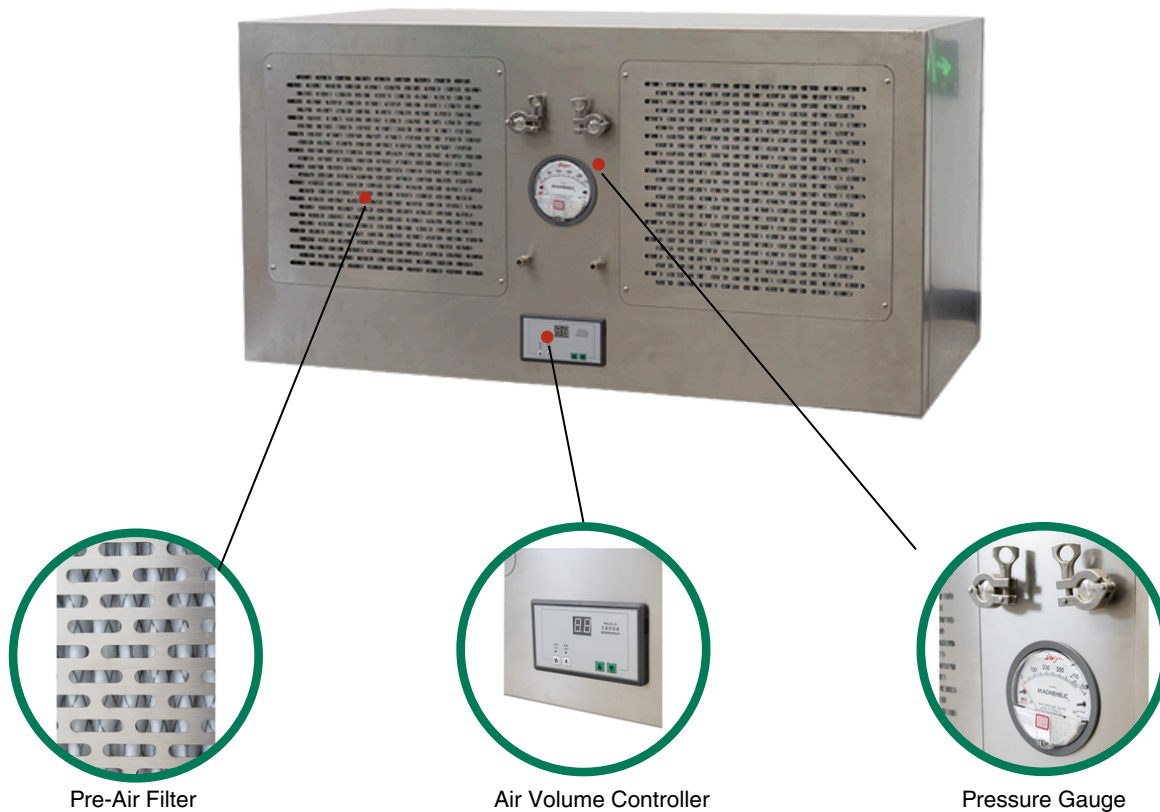


- Double-layer negative pressure structure
- Low resistance and high efficiency
- Clean and free of dead spots.
- Uniform unidirectional airflow
- Integrated fan-filter with low noise

PRODUCT DETAILS

Size	Customized according to requirements
Cleanliness Level	Class 100 /ISO 5
Filter Efficiency	H14(99.995% @ MPPS)
Noise	≤ 65dB
Wind Speed	0.36-0.54M/S (71-106 FPM)
Power Supply	AC 220V,50HZ
Housing Material	SUS304 stainless steel
Installation	Ceiling-mounted / Floor-mounted
Air inlet	Side air inlet / Top air inlet
Applications	Pharmaceutical, Medical, Laboratory, Hospital

PRODUCT PARTS



TECHNICAL PARAMETERS

INTERNATIONAL STANDARD						
Overall dimensions (L*W*D mm)	Work area size (L*W mm)	Cleanliness grade	Air outlet rated air volume (m/s)	illuminance (Lx)	Noise (dB)	Power (kw)
1200*600*600	1200*600	Class 100 (ISO 5)	0.45±20%	300	63	03
1000*1000*600	1000*1000					0.45
1200*1200*600	1200*1200					0.6
2000*1000*600	2000*1000					0.9
U.S STANDARD						
Overall dimensions (L*W*D inch)	Work area size (L*W inch)	Cleanliness grade	Air outlet rated air volume (FPM)	illuminance (Lx)	Noise (dB)	Power (kw)
47.2*23.6*23.6	47.2*23.6	Class 100 (ISO 5)	89±20%	300	63	03
39.4*39.4*23.6	39.4*39.4					0.45
47.2*47.2*23.6	47.2*47.2					0.6
78.7*39.4*23.6	78.7*39.4					0.9

• Other specifications and models can be made according to user needs beyond the table