



## AICIL AIR SHOWER

Air shower is designed to supply class 100 HEPA / Class 10000 filtered air at high velocity it helps remove particulate matter from the personnel entering into the clean room. Air shower works as partial clean equipment installed at the partition between the clean room to shower the personnel or matters before entering the clean area. this units helps to matters before entering the clean area. this units helps to remove dust effectively and maintains the normal working sttitus. air shower is available I various standard dimensions also our cabinet can be custom engineered to fit any size. These units are available in powder coated mild steel /ss 304 or combination of both.

- **Supply Filter :-** Imported Minipleat HEPA filter with hot melt technology, which conforms to EU-14 grade at supply postion with an efficiency rating better than 99.999% for 0.3 micron..
- **Pre- Filter :-** Pre- Filter are made from Non-Woven synthetic with HDPE mesh; conforms to EU-06 grade, with an efficiancy rating better than 95% down to 5 micron
- **Motor blower assembly:-** Motor blower designed of statically “ and dynamically balanced for supply of sufficient capacity and static pressure to take care of airflow requirment for entire life of HEPA.
- **Pressure Gauge:-** Dwyer make magnehelic gauge (0-25 mm 1 nos.) to monitor presure drop across HEPA.
- **Lighting:-** Fluorescent light (250 lux) at work surface.
- **On/Off Switches:-** SS On/off switchs for motor & lights.
- **Switch socket :-** 6/15 amp single-phase switch for motor & lights.
- **Control system :-** Interlocking system to ensure that both the doors cannot open at the same time & to ensure that both the doors stay locked during the time of air flow.
- **Time setting for air shower:-** Time setting for air shower operation time ( settable for 30 second to 5 minutes ).
- **Emergency Operation:-** Emergency stop will be provided.
- **Door Opening:-** Straight entery stright exit and 90 degree door opening.
- **Operation mood:-** Automatic as well as manual mode.

STERLING AIR SHOWER