

Air Showers

Walk Through the Chamber

Air Showers are designed to remove particulate contamination from personnel entering a cleanroom. An individual can stand or walk through the chamber and be scrubbed by pressurized air from nozzles at a minimum velocity of 5000 FPM.

Aluminum Frame Doors

Walls are made from composition board covered with white high pressure laminate both inside and out. Doors are made of high quality anodized aluminum frame with 1/4 inch clear insert and push/pull hardware. The interlock system allows only one door at a time to be open.

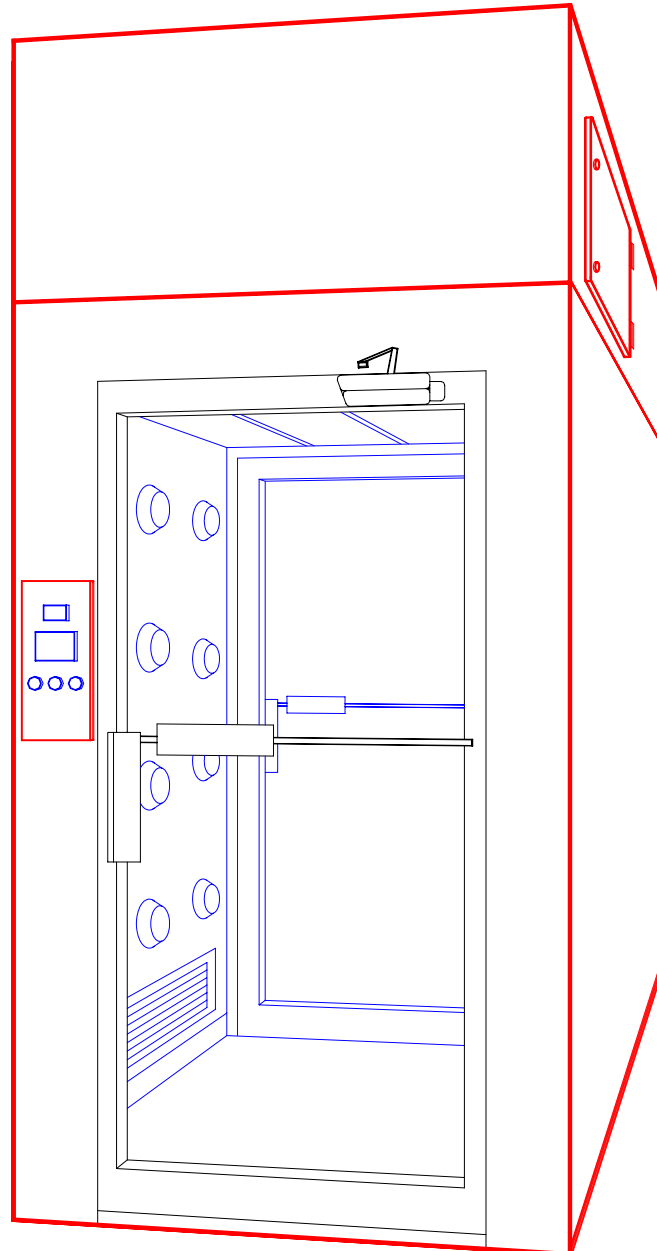
HEPA Filters

Contaminated air is filtered through secondary filters and HEPA filters featuring 99.99% efficiency in the removal of particles to 0.3 microns in size.

Fluorescent lighting is provided in the ceiling.

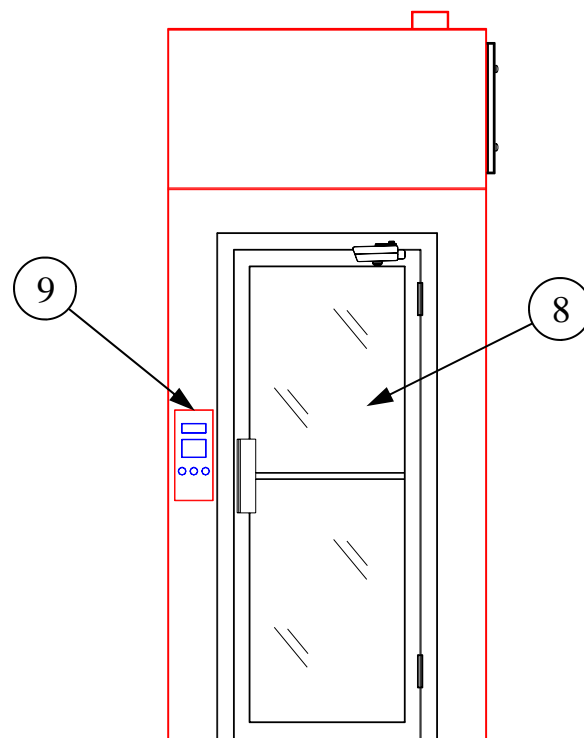
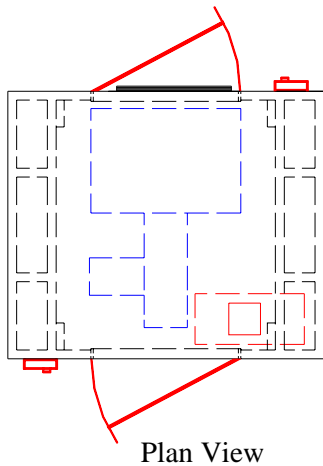
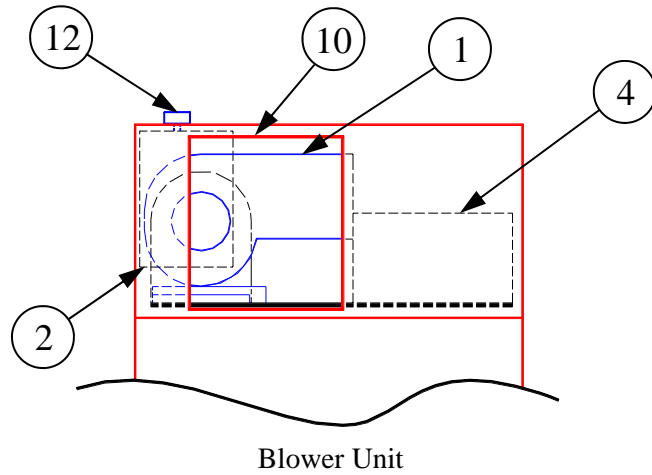
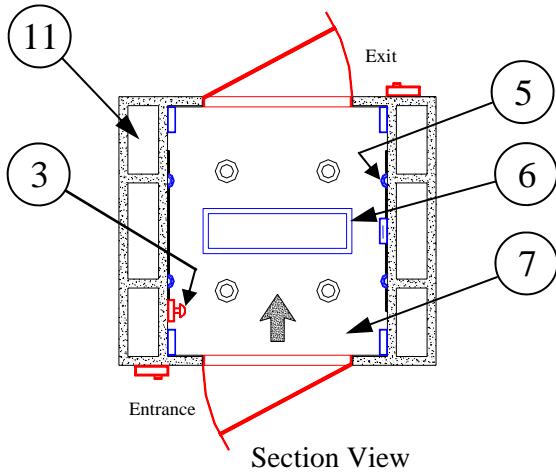
Voltage options are 208-230, 50 or 60 Hz and 440/480 volts, 3 phase, 60 Hz.

Air Showers are shipped disassembled for on-site assembly.



We reserve the right to make improvements without notice.

Typical Configurations and Components



Typical Components:

1. Motor/Blower assembly
2. Power control box
3. Emergency release button
4. HEPA Filter 99.97% effective on .3 micron particles
5. Adjustable nozzles
6. Fluorescent light fixture
7. Automatic activated floor switch
8. Anodized aluminum doors with plexiglas windows
9. Microprocessor control panel, On/Off Lights, Reset and Alarm
10. Access panels for easy maintenance
11. Electric interlocking chamber
12. Single connection junction box

Consult with the factory for more information.