

Air Showers For Cleanrooms



Features Key

- Standard
- Option

- A** Photohelic Pressure Gauge touch-screen Control Panel
- B** Emergency Stop Buttons
- C** Hand-adjustable Air Nozzles
- D** LED Lights
- E** Status Indicator
- F** Electrical Access Panel
- G** Fan/Filter Housing
- H** Swing Doors (2)
- Ionizing Bar
- Material: 16-gauge Powder Steel

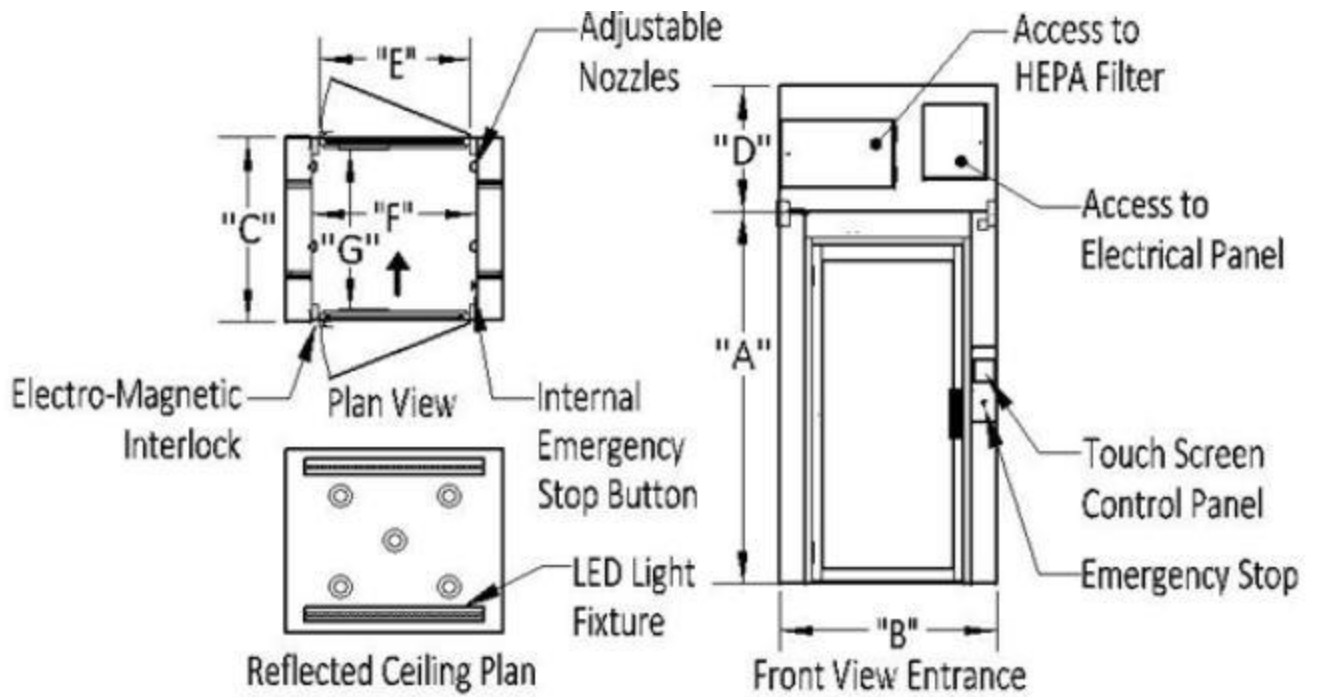


Stainless Steel Models only

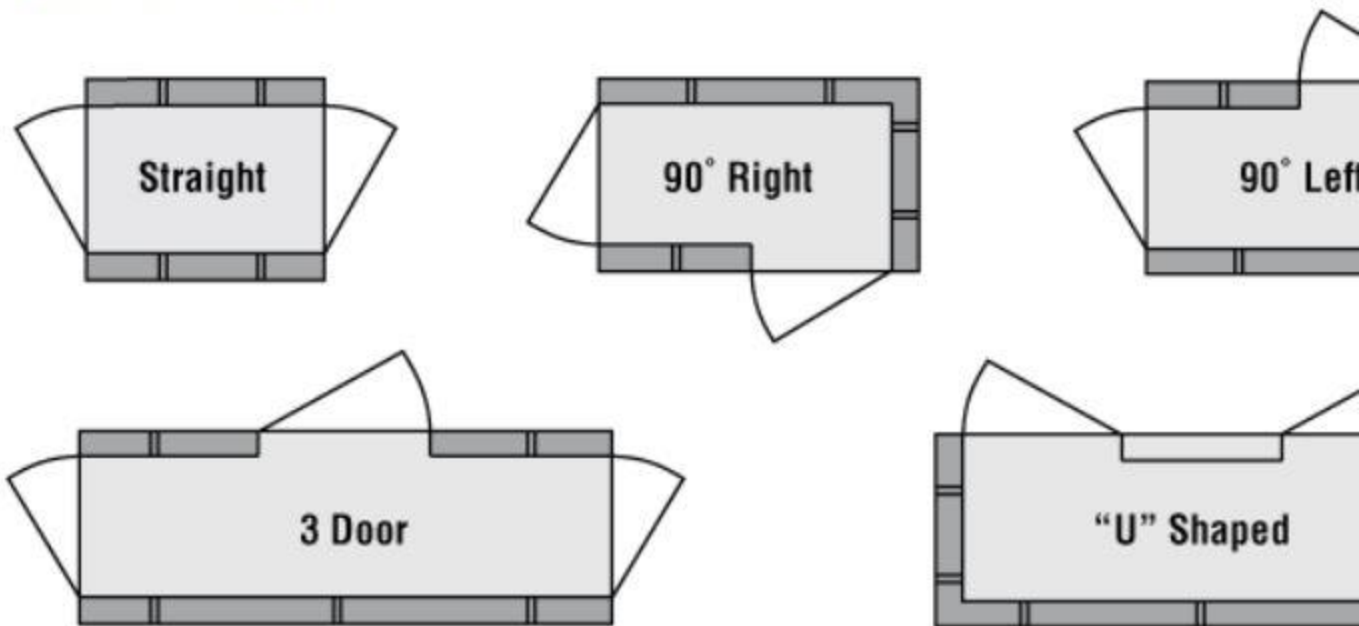


Air Tunnel shown. Call to discuss custom sizes!

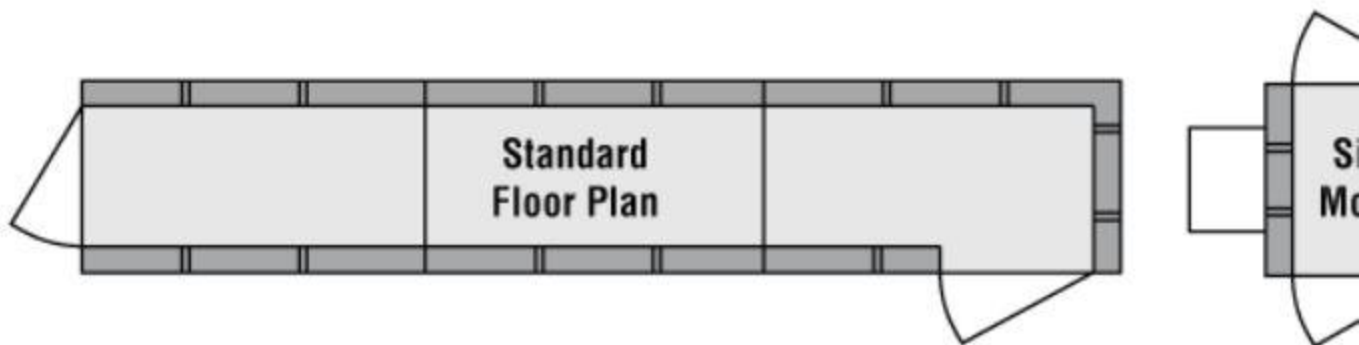
Air Shower shown. Self-contained, turnkey systems available in many standard sizes to fit carts or multiple occupants.



Optional Floor Plans:



Air Tunnels:



HEPA Filter Air Showers

These self-contained Air Showers and Tunnels offer an effective way to remove surface-deposited particles from personnel prior to entering the cleanroom. Each unit is shipped in two fully assembled sections (top housing and air shower chamber), allowing installers to quickly put the Air Shower into service (for disassembled versions, see Knock Down Air Showers).

- HEPA filter/blower modules (rated 99.99% efficient @ 0.3micron particles) wash personnel with Class 100 air to dislodge and remove particles
- Photohelic® gauge included to monitor back pressure, a filter-replacement indicator
- Solid-state microprocessor panel provides programmable control over access door operation.
- Electromagnetic interlocking doors minimize contamination and automatically release in the event of power failure or when the emergency stop button is pressed.
- Energy efficient LED lighting mounted on the ceiling

- Available in white powder-coated or stainless steel finishes to meet various cleanroom requirements
- Variety of sizes and door configurations, including low-profile models for restricted overhead clearance and knock-down models for restricted entry ways
- Economical to operate and easy to maintain
- Custom sizes and configurations are also available! Discuss your specific requirements with a sales engineer – [510-656-5333](tel:510-656-5333)

Custom Air shower configurations are also available.

Customized Systems – on a Standard Basis

The tables below provide ordering information on standard configurations of Air Showers and Air Tunnels. In addition to these, many other configurations are available to suit your application requirements. These include:

Custom Door Configurations: You may specify doors at many positions along an Air Shower or Tunnel, including a third door. Refer to the floor plans below. (Note: Three-door designs are not available for Air Showers less than 60" (1524mm) in length.)

Hepa Filtered Ceiling Air Shower: This option adds filter/blower modules mounted in the ceiling for enhanced particle control (functions most effectively with 6" (152mm) raised floor; see description below). Typical air flow is 90 FPM (0.46 m/s); can be configured to meet individual specifications.

Custom Floor Configurations: Any unit may be ordered either with no floor (for placement directly on existing floor), with 6" (152 mm) raised aluminum floor grates (for improved air circulation), especially with the HEPA filter ceiling option), or with a stainless steel floor (durable and easy to clean).

Side Mount: Used where space restrictions do not allow use of standard 10-foot (3048mm) high unit. In this configuration, the blower is mounted to the side of the shower chamber.

Knock Down: When adding a shower to an existing cleanroom, the shower is broken down to wall and ceiling sections for assembly.

Safety Plate-Glass Doors: replace the standard plexiglass ones.

Explosion-Proof Design: for safe operation with explosive or flammable materials.

Static Ionized Grid: for safe, effective neutralization of static charges on personnel or equipment in the Air Shower/Tunnel.

Bumpers: for protecting nozzles along the interior wall from carts.