



100 N. Gordon St. Elk Grove Village, IL 60007-1193  
Phone (847) 956-1600 Fax (847) 956-0595  
E-mail: info@halco-products.com  
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**4/27/2021**

**Air Shower and Air Shower Tunnels**



**Air Showers offer an effective way to reduce contaminants carried by individuals entering or leaving a controlled area. The Air Shower can solve many of your decontamination problems.**

**Construction Options**

- ◆ Cold Rolled Steel Painted or Unpainted
- ◆ Stainless Steel 304, 316, or 321

**Typical Components**

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

**OPTIONAL EQUIPMENT/MODELS**

- |   |                        |                             |
|---|------------------------|-----------------------------|
| Safety Plate Glass Doors.                 | Magnahelic Gauge HEPA. | Magnahelic Gauge Prefilter. |
| Photohelic Gauges with Alarms.            | Roll-up Doors          | Auto Bi-part Doors.         |
| Aluminum Grated Floor with Clean Out Pan. |                        | Sprinkler Head.             |
| Laminar Ceiling Blower.                   | Proximity Sensor.      | Ionization Bars             |
| TEFC or Special Frame Motors.             |                        |                             |

**SPECIAL HALCO AIR SHOWER FEATURES**

**SOLID STATE ELECTRICAL PLC SYSTEM CONTROL PANEL INCLUDES:**

**Light Switch, audible alarm and alarm reset.**

**4 Line 64-character alpha/numeric LCD display which monitors system function during normal operation and displays menu functions for service and system changes.**

**4.3" graphic HMI LCD display for system operation.**

- 4 Number code to turn control on and off
- 4 Number code to get into systems setup

**PLC programming capabilities:**

- Program time of day
- Program day of the week
- Program cycle time
- Program delays unlock time
- Designate entry and exit doors

**Products for the HVAC and Clean Room Industry**  
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- Program new 4-digit code enter system
- Program time lock feature
- Initiate security locking feature with 4-digit code – Initiate single direction access feature
- Interlocking doors (standard), which release automatically with power failure.
- LED lighting (standard) is contained in the ceiling for less turbulence. • HEPA Ceiling (optional) for constant laminar flow for added protection.
- Ionized Grid (optional) to eliminate static electricity when required.
- Halco warrants their units for (1) year from date of delivery for defects in workmanship.
- **In case of power failure, locks automatically release for exiting. An emergency stop button on each Air Shower sounds an alarm and releases locks for exiting.**
- **PLC diagnostic capabilities:**
  - Air shower disabling feature
  - Blower operations check
  - Door switch operations check
  - Door lock operations check
  - Presence sensor/mat switch check
  - Record blower run hours
  - Record air shower cycles

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