

DOWNFLOW CART ENTRY SYSTEM



ASCE SYSTEM

Isolation Systems, Inc. has designed and engineered the ASCE System, with careful attention to user needs. This system has been developed to ensure effective bulk material decontamination blow off prior to transfer into clean areas. Its rugged solid stainless steel construction protects against wear in high-traffic applications and provides long-lasting aesthetic appeal. Sensor activated cycle automatically washes product with high-velocity air prior to material introduction into clean area. Low wall air returns effectively capture dislodged contaminants through both pre- and final-filtration banks. This product may be easily customized to fit your specific needs and process requirements.

Thank you for considering **Isolation Systems, Inc.** for your airborne contamination control needs.

OPTIONAL FEATURES:

- 316L stainless steel construction with #4 finish.
- High volume ULPA filtration 99.9995% efficient @ .12 microns.
- Grated raised floor air return.
- DC pulse bar ionization.
- Sensor or push-pad-activated automatic doors.
- Programmable logic controller for system functions.
- Electronic door interlock system.
- Internally & externally located panic circuit for interlock override.
- Audible visual breach alarm system.
- Knock down assembly.
- Custom configurations CI-1 Div-1, CI-1 Div-2, CI-2 Div 1.
- Optional trim kits are recommended for all installations.

STANDARD FEATURES:

- 304 stainless steel construction with #4 finish.
- High volume HEPA filtration 99.99% efficient @ .3 microns.
- Integral ceiling mounted fluorescent lighting.
- Low wall air returns with 30% efficient pre-filtration.
- Multi-directional air jet nozzles providing 6,000 FPM @ nozzle outlets.
- Automatic sensor- activated shower cycle.
- Adjustable cycle timer
- 36" CLO doors with full lite safety glass (heavy duty construction).
- Panic type paddle door latch hardware 304 SS
- Pneumatic door closers
- Clear acrylic full light door glass
- Heavy duty vinyl-coated floors.
- Lighted rocker type power and light switches
- System occupied indicator lights at entry and egress
- Single point electrical connection
- Minihelic gage to monitor filter SP

NOTE:

- **Isolation Systems, Inc.** inspection reports available upon request.
- All filters are PSL challenged at factory.
- Certificates of conformance are available upon request..
- All electrical wiring is in conformance w/ NEMA standards.

MODEL	O.A. UNIT SIZE	INSIDE DIM	ELECTRICAL	PERFORMANCE	SHIP WT
ASC-44	48"w x 48"d x 90"h	38"w X 48"d X 60"h	115v-60 hz -1 ph	5000 FPM @ nozzle	900 lb
ASC-46	48"w x 72"d x 90"h	38"w X 72"d X 60"h	115v-60 hz -1 ph	5000 FPM @ nozzle	1100 lb

**All information herein is subject to change without notice.*

**All catalog dimensions are nominal.*

**All shipping weights estimated.*



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