

# UltraClean<sup>®</sup> Atmospheric II

## BUILDING APPLICATIONS:

- Semiconductor fab
- Electronics manufacturing cleanrooms
- Hospitals and clinics
- Pharmaceutical facilities
- Chemical plants

## ROOM APPLICATIONS:

- Cleanroom air showers
- Metrology labs
- Laboratories
- Intensive care
- Testing and infection control rooms
- Chemical mixing and packaging



## PARTICULATE CONTROL FOR CLEANROOM ENVIRONMENTS

Because controlling contamination is a paramount concern in medical and manufacturing cleanroom environments, the Horton UltraClean<sup>®</sup> Atmospheric II door system complies with rigorous standards for airborne particulates.

These automatic sliding door systems play a critical role in the protection of electronics, patients, visitors and healthcare professionals. Available in custom configurations, these heavy-duty doors are tested to 1,000,000 cycles and are backed by a 2-year warranty.

### FEATURES:

- Meets ISO 14644 Class 5 Cleanroom applications
- Single and bi-parting slide options
- Non- and partial-breakout available
- Custom paint, anodized or stainless steel clad
- Custom width
  - Single slide: 7' to 9'
  - Bi-parting slide: 8' to 16'
- Specifiable height up to 7' 6"
- Specifiable activation and lock options

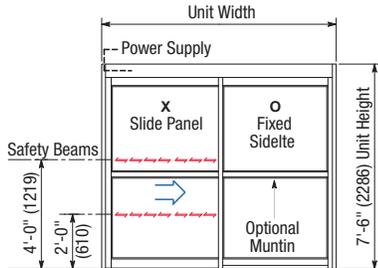


Available surface- or transom-mounted.

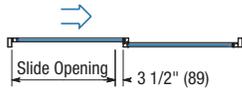
# UltraClean<sup>®</sup> Atmospheric II

Horton UltraClean<sup>®</sup> Atmospheric II Automatic Slide Doors provide reliable performance for controlling particulate contamination in medical and manufacturing cleanroom environments.

## Installation and Operation

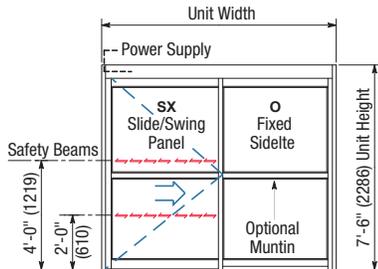


Elevation

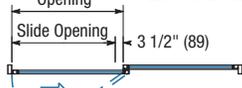


Floor Plan

Type X-O (O-X Opposite)



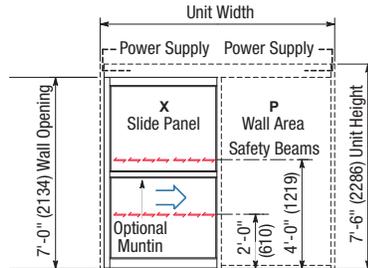
Elevation



Floor Plan

Type SX-O (O-SX Opposite)

SX panel can breakout from any point of slide travel with max. 50 lbf. of force at lock stile

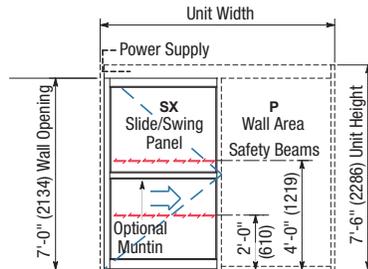


Elevation

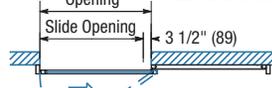


Floor Plan

Type X-P (P-X Opposite)



Elevation



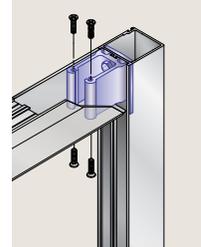
Floor Plan

Type SX-P (P-SX Opposite)

SX panel can breakout from any point of slide travel with max. 50 lbf. of force at lock stile

Visit hortondoors.com for biparting diagrams.

## Construction



### Corner Block Design

Exclusive mortise-style corner block construction for all door panels for years of dependable service. Far superior to mass produced panels with thru-bolt construction.

### Particle Concentration Limits

The UltraClean Atmospheric II is ISO 5 compliant, addressing more common cleanliness requirements.

Particle Size	Particles/m <sup>3</sup>
	ISO 5
0.1 µm	100,000
0.2 µm	23,700
0.3 µm	10,200
0.5 µm	3,520
1.0 µm	832
5.0 µm	29

1 µm = 1 millionth of a meter

Specify Horton and demand AAADM certified installation



## Selection Guide

Model	Type	Breakout	Unit Size	Slide Opening	Breakout Opening
Atmospheric II	Single Slide	None	7' 0" – 9' 0"	3' 6" – 4' 0"	NA
		Partial	7' 0" – 9' 0"	3' 0" – 4' 0"	3' 3-1/2" – 4' 3-1/2"
	Bi-parting	None	8' 0" – 16' 0"	3' 0" – 7' 0"	NA
		Partial	8' 0" – 16' 0"	3' 0" – 7' 0"	3' 7" – 7' 7"



### Horton Pedestrian Access Solutions

- Horton Automatics<sup>®</sup>
- FLEX<sup>™</sup> by Horton
- Door Services Corporation<sup>®</sup>
- Won-Door<sup>®</sup>

### Horton Automatics

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## Overhead Door Corporation

A Sanwa Holdings Company

