



© Horton Automatics World Headquarters
 4242 Baldwin Boulevard
 Corpus Christi, Texas 78405-3399 USA
 Tel: 800-531-3111, 361-888-5591
 Fax: 800-531-3108, 361-888-6510
 www.hortondoors.com
 The Automatic Choice

ARCHITECTURAL DETAILS

MANUAL ICU / CCU ENTRANCES - AIRBORNE INFECTION CONTROL

Profiler®-ICU MAX Self-Closing IDS

A10.31.3

Smoke Rated Manual Isolation Door System

Type: 310 Single Slide SO-SX or SX-SO Trackless

Aug 19

Standard Packages

Unit Width	Slide Opening	Breakout Opening	Slide Panel Width	Sidelite Width	Rough Opening Width
8'-6" (2591)	3'-9 7/8" (1165)	7'-9 3/4" (2381)	4'-3 7/8" (1318)	4'-1 1/8" (1248)	8'-6 1/2" (2604)
9'-0" (2743)	4'-0 7/8" (1241)	8'-3 3/4" (2534)	4'-6 7/8" (1394)	4'-4 1/8" (1324)	9'-0 1/2" (2756)

Unit Height: 7'-6" (2286)	Anodized Finish: Clear or Dark Bronze
Rough Opening Height: 7'-6 1/4" (2292)	See Architectural Specs. pages A29.1 - 4.
Glazing: Standard unit prep'd for 1/4" (6) glazing.	

Compliant with:

- 2018 FGI Guidelines for Airborne Infection Isolation Room Systems, Ref: A2.1-7.2.2.3 (2)(a)(i)
- ASTM E283-04 Standard Air Infiltration Test
 - Maintains positive/negative pressure
 - Perimeter seals factory installed
- UL 1784 Air Leakage Test of Door Assemblies
- NFPA 105 Std. for Installation of Smoke Doors

Options

- Custom unit widths between 8'-6" & 9'-0"
- 6 1/2" or 10" Bottom rails
- Glazing prep. 5/16" to 1 1/2"
- Custom paint, anod. finish or Antimicrobial coating

Installation and Operation

- **Perimeter Mounted:** within curtainwall or rough opening with 1/4" minimum shim space at header & jamb. Finish floor not to exceed 1/4" out of level.
- **Field Applied Floor Seals:** 1/8" to 3/8" above finished floor as required for positive/negative pressure.
- **Opening Force:** Standard sliding panel (SX) glazed with 1/4" tempered glass (shown) can be opened with 8-12 lbs of force, after positive latch is released. Panel will then close with 6-8 lbs of closing force. Hold-Open shall engage when 8-12 lbs. of force is applied to panel in full open position. Panels can swing out 90° at full open position requiring no more than 50 lbs of force applied at the strike stile after 'SO' flush bolt released.
- **Finger Safety:** When opening, sliding panel will stop 3 1/2" (89) short of adjacent sidelite.

