





TYPE: O-X-X SHOWN, X-X-O OPPOSITE DOOR SHOWN IN OPEN POSITION WITHOUT THRESHOLD

Package Width	Rough Opening Width	Clear Slide Opening	Door Panel Width
(7'-0") 84" [2134]	84 1/2" [2146]	44 9/16" [1132]	28 1/4" [718]
(8'-0") 96" [2438]	96 1/2" [2451]	52 11/16" [1338]	32 5/16" [821]
(9'-0") 108" [2743]	108 1/2" [2756]	60 11/16" [1541]	36 5/16" [922]
(10'-0") 120" [3048]	120 1/2" [3061]	68 11/16" [1694]	40 5/16" [1024]
(12'-0") 144" [3658]	144 1/2" [3670]	84 11/16" [2151]	48 5/16" [1227]
Width Formulas	Package Width +1/2" [13]	(Package Width x 2/3) - 11 5/16" [287]	(Package Width / 3) + 5/16" [8]

1. This Single Telescopic door package consists of:

### A. Operator:

- Two combination motion/presence sensors (one on each side) (See sensor options page)
- ESA II motor drive unit with self-learning and self-monitoring microprocessor controller.
- Jamb mounted 5 function rocker switch panel (see mode switch options page)
- 2-5/8" [67] Narrow stile door panels (including 3/4" [19] wide glass stop).
  3-1/4" [83] Optional muntin mounted at 41-3/4" [1060] centerline on all panels (including 3/4" [19] wide glass stop).
- 4" [102] Bottom rails (including 3/4" [19] wide glass stop).
- 2" [51] x 6" [152] Smooth jambs.
- Vertical and horizontal brush type weather stripping (AAMA-701-11Class A).
- Manual mortise lock with thumb turn and key cylinder
- 3/4" [19] wide snap-in glass stops for glazing from 1/4" [6] to 1-1/4" [32] thick at 1/8" [3] increments.
- Non-breakaway sliding door panels (X) and fixed sidelights (O) panels.
- Clear anodized (BHMA 204)
- Dark Bronze anodized (BHMA 313).

# 2. Optional Transom:

- A. Single vertical 2" [51] x 6" [152] smooth mullion (Standard). Multiple verticals available.
- B. Glass thickness options 1/4" [6] thru 1-1/4" [32] at 1/8" [3] increments.
- C. Snap-in sash on all sides.

## 3. Typical Package Options:

- A. Finishes: special anodized, PVDF (wet) paint, powder coat, and cladding available for header, panels and jambs only.
- B. Muntins: multiple muntins, various heights and locations.
- C. Bottom Rails: 7" [178], 10" [254]. Other options available.
- D. Santoprene rubber weather stripping available.
- E. Locking and Security Options:
- Fail-safe autolock sliding carrier lock concealed in header.
- 2-point lock and reinforced strike.
- Security contacts
- Keyed mode switch panel (5 function or 3 function) (see mode switch options page).

### 4. Dimensions:

- A. Drawing dimensions are in English & Metric units. Metric units are displayed as: 1" [25] millimeters.
- B. Package Dimensions: (May be limited by panel weight)
- · Package Width: Min. 7' [2134] to Max. 12' [6358] Min. 7'-4 1/2" Max. 10' [2234]. Header Height:
- Package Height: Max. 12' [3658] with Transom.
- X Panel Weight: Max. Weight 350 lbs [160kg].
- C. Maximum special application limits / custom packages: (Sizes may be restricted due to complexity and application).

- (Please contact dormakaba Architectural Services for dimensions outside of typical sizes above
- Package Width: Max. 21' [6401]. Max. 14' [4267]. Package Height:
- Max. 12' [3658]. Header Height:
- Min. 8" [203] to Max. 2' [610]. Transom Height:
- X Panel Width: Max. Width 72" [1829].
- D. The maximum self-supported header width is 12' with 350 lb [160kg] X Panels.

### 5. Power Requirements:

- A. 120V +/- 10%, 50/60 Hz, 6.6A peak, 250 W. Up to 4 operators on a single 20A breaker. Service to header by electrician.
- 6. Standards of Compliance:
  - A. UL 325 & CSA 22.2 (listed with ETL).
  - B. Designed to comply with these standards depending on installation and application:
  - International Building Code (Section 1008).
  - ANSI/ BHMA 156.10.
  - ANSI/ BHMA 156.38.
  - NFPA 101 Life Safety Code (Section 7.2.1.9).
  - C. Refer to Local, State, National or AHJ. Building Code for minimum door height and minimum/maximum width allowable for egress requirements.
  - D. Minimum ADA is 32" clear slide opening.
- 7. Contact dormakaba Architectural Services for more information:

A. Phone: 1-844-SPEC-NOW (1-844-773-2669)

NOTE: THIS PRODUCT DOES NOT BREAK OUT, NOT INTENDED FOR EMERGENCY EGRESS.

Sheet 1 of 1

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Drawing Title: ESA100T TELESCOPIC AUTOMATIC SLIDING DOOR

NON-BREAKOUT © dormakaba

Subject to Change Without Notice.

NARROW STILE Date: 24-JUN-2022