



Package Width	Rough Opening Width	Clear Slide Opening	Door Panel Width
(8'-0") 96" [2438]	96 1/2" [2451]	49 11/16" [1262]	33 5/8" [854]
(9'-0") 108" [2743]	108 1/2" [2756]	57 11/16" [1465]	37 5/8" [9956]
(10'-0") 120" [3048]	120 1/2" [3061]	65 11/16" [1668]	41 5/8" [1057]
(11'-0") 132" [3353]	132 1/2" [3365]	73 11/16" [1872]	45 5/8" [1159]
Width Formulas	Package Width + 1/2" [13]	(Package Width x 2/3) - 14 5/16" [364]	(Package Width / 3) + 1 5/8" [41]

- This Single Telescopic door package consists of:
  - 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).
  - Panels:
    - 4-1/2" [114] Medium 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.
  - Finishes:
    - Clear anodized (BHMA 204).
    - Dark Bronze anodized (BHMA 313).
- Optional Transom:
  - Single vertical 2" [51] x 6" [152] smooth mullion (Standard). Multiple verticals available.
  - Glass thickness options 1/4" [6] thru 1-1/4" [32] at 1/8" [3] increments.
  - Snap-in sash on all sides.
- Typical Package Options:
  - Finishes: special anodized, PVDF (wet) paint, powder coat, and cladding available for header, panels and jambs only.
  - Muntins: multiple muntins, various heights and locations.
  - Bottom Rails: 7" [178], 10" [254]. Other options available.
  - Santoprene rubber weather stripping available.
  - 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).
- Dimensions:
  - Drawing dimensions are in English & Metric units. Metric units are displayed as: 1" [25] millimeters.
  - Package Dimensions: (May be limited by panel weight)
    - Package Width: Min. 7'-6" [2286] to Max. 12' [3658].
    - Header Height: Min. 7'-5 1/8" Max. 10' [2234].
    - Package Height: Max. 12' [3658] with Transom.
    - X Panel Weight: Max. Weight 350 lbs [160kg].
  - Maximum special application limits: (Sizes may be restricted due to complexity and application) (Please contact Dorma Architectural Services for dimensions outside of typical sizes above).
    - Package Width: Max. 21' [6401].
    - Package Height: Max. 16' [4877].
    - Header Height: Max. 12' [3658].
    - Transom Height: Min. 8" [203] to Max. 4' [1220].
    - X Panel Width: Max. Width 72" [1829].
- Power Requirements:
  - 120V +/- 10%, 50/60 Hz, 6.6A peak, 250 W. Up to 4 operators on a single 20A breaker. Service to header by electrician.
- Standards of Compliance:
  - UL 325 & CSA 22.2 (listed with ETL).
  - Designed to comply with these standards depending on installation and application:
    - International Building Code (Section 1008).
    - ANSI/BHMA 156.10.
    - NFPA 101 Life Safety Code (Section 7.2.1.9).
  - Refer to Local, State, National or AHJ. Building Code for minimum door height and minimum/maximum width allowable for egress requirements.
- Contact Dorma Architectural Services for more information:
  - Email: Autosupport@dorma-usa.com
  - Phone: 1(844)773-2669

ESA100T SM

Sheet 1 of 1

**DORMA USA Inc.**  
924 Sherwood Dr. Lake Bluff, IL 60044 Phone: 800-523-8483

Drawing Title: **ESA100T TELESCOPIC AUTOMATIC SLIDING DOOR**  
**NON-BREAKOUT SINGLE MEDIUM STILE**

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