



1. The ED50, ED100 & ED 250 OHC Double Egress Operator consists of:
 - A. Operator:
 - ED50 Low Energy door leaf:
 - Up to 48" [1219] wide, 220 lbs [100]
 - ED100 Low Energy door leaf:
 - Up to 48" [1219] wide, 250 lbs [113].
 - ED100 Full Power door leaf:
 - Up to 48" [1219] wide, 220 lbs [100].
 - ED250 Low Energy door leaf:
 - Up to 48" [1219] wide, 700 lbs [317]. (interior applications only)
 - Up to 48" [1219] wide, 600 lbs [272]. (exterior applications - prevailing conditions at opening must be considered)
 - ED250 Full Power door leaf:
 - Up to 48" [1219], 320 lbs [145]. (exterior applications - prevailing conditions at opening must be considered)
 - B. Arms:
 - Center pivot OHC mounting arm
 - C. Connection Kit:
 - 1/4 x 1" Phillips Flanged Hex Head Self Drilling Screws.
 - #14-10 x 2-1/2" Phillips Flanged Hex Head Wood Screws.
2. Finishes:
 - A. Extruded Cover:
 - Clear or Dark Bronze anodized finish (Standard).
 - Custom painted.
 - Custom anodized.
 - Cladding.
 - B. Arms:
 - Zinc plated.
 - C. Endcaps:
 - Black anodized.
3. Typical Package Options:
 - A. dormakaba Upgrade card. (See brochure for details).
 - Barrier-Free Toilet upgrade card.
 - B. Handed or un-prepped header options available (RH, LH or blank for single headers)
4. Drawing Notes:
 - A. Drawing dimensions are in English & Metric units. Metric units are displayed as: 1" [25] millimeters.
 - B. Operator dimensions:
 - Each door operator is manufactured to your custom width requirements.
 - Operator weight: 30 lbs [13kg].
 - C. Maximum opening angle of 110°.
 - D. Auxiliary/External stop recommended.
 - E. See installation manual for further details.
5. Power Requirements:
 - A. 115V +/-15%, 50/60 Hz, 6.6A peak (per operator). Service to header by electrician.
6. Standards of Compliance:
 - A. UL 325 & CSA 22.2 (listed with UL).
 - B. Designed to comply with these standards depending on installation and application:
 - International Building Code (Section 1008).
 - ANSI/ BHMA 156.10 (Current Version) (Requires monitored safety sensors) (May also require guide rails depending on configuration).
 - ANSI/ BHMA 156.19 (Current version) (Requires additional knowing activation devices not shown in drawing).
 - 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. Tested to UL 10C positive pressure fire test for door assembly.
7. Contact Dorma Architectural Services for more information:
 - A. Email: SPECNOW@dorma.com
 - B. Phone: 1-844-SPEC-NOW (1-844-773-2669)