



- The ED50, ED100 & ED 250 OHC Pair Operator consists of:
  - 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)
  - Arms:
    - Center pivot OHC mounting arm
  - 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.
- Finishes:
  - Extruded Cover:
    - Clear or Dark Bronze anodized finish (Standard).
    - Custom painted.
    - Custom anodized.
    - Cladding.
  - Arms:
    - Zinc plated.
  - Endcaps:
    - Black anodized.
- Typical Package Options:
  - dormakaba Upgrade card. (See brochure for details).
    - Barrier-Free Toilet upgrade card.
  - Handed or un-prepped header options available (RH, LH or blank for single headers)
- Drawing Notes:
  - Drawing dimensions are in English & Metric units. Metric units are displayed as: 1" [25] millimeters.
  - Operator dimensions:
    - Each door operator is manufactured to your custom width requirements.
    - Operator weight: 30 lbs [13kg].
  - Maximum opening angle of 110°.
  - Auxiliary/External stop recommended.
  - See installation manual for further details.
- Power Requirements:
  - 115V +/-15%, 50/60 Hz, 6.6A peak (per operator). Service to header by electrician.
- Standards of Compliance:
  - UL 325 & CSA 22.2 (listed with UL).
  - 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).
  - Refer to Local, State, National or AHJ. Building Code for minimum door height and minimum/maximum width allowable for egress requirements.
  - Tested to UL 10C positive pressure fire test for door assembly.
- Contact Dorma Architectural Services for more information:
  - Email: [SPECNOW@dorma.com](mailto:SPECNOW@dorma.com)
  - Phone: 1-844-SPEC-NOW (1-844-773-2669)