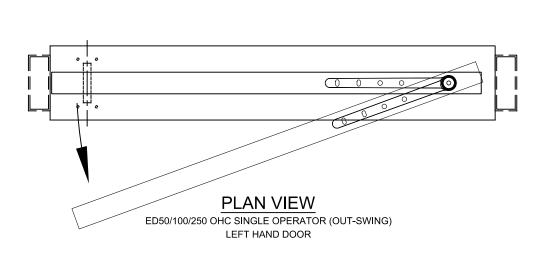
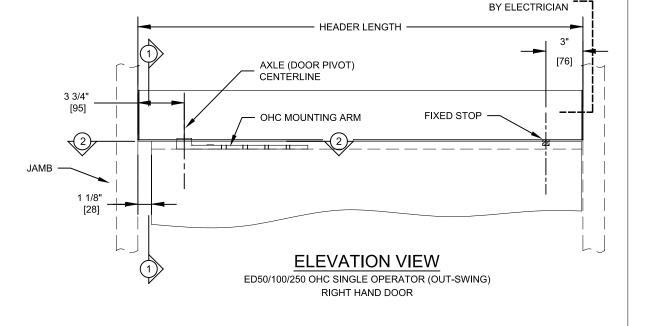


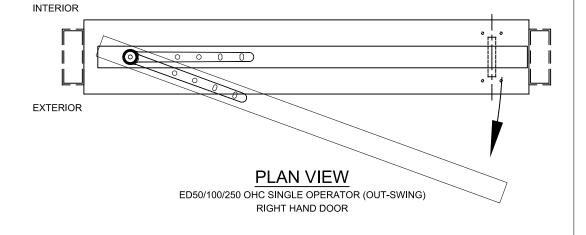
**SECTION 1** ED50/100/250 OHC OPERATOR

**ELEVATION VIEW** 









1. The ED50, ED100 & ED 250 OHC Single 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)

• Center pivot OHC mounting arm

C. Connection Kit:

• 1/4 x 1" Philips Flanged Hex Head Self Drilling Screws.

• #14-10 x 2-1/2" Philips Flanged Hex Head Wood Screws.

2. Finishes:

A. Extruded Cover:

Clear or Dark Bronze anodized finish (Standard).

Custom painted.

Custom anodized

Cladding.

INCOMING 120VAC

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

D. 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.

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 dormakaba Architectural Services for more information:

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



Drawing Title: ED50, ED100 & ED250 OHC AUTOMATIC SWING DOOR

SINGLE OUT-SWING

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