

- 1. The ED250-IG low profile automatic operator, Single door package consists of: A. Operator:
- Operator, Chain Drive, Pivot and Controller.
- Case, Cover and Water tight seal.
- Power supply for external sensors: 24VDC, 800mA.
- Jamb mounted 3 function rocker switch panel: Hold Open, On & Off.
- ED250 LE door leaf:
- Up to 48" [1219] wide at 600 lbs [272].
- (interior applications only prevailing conditions at opening must be considered)

 Up to 48" [1219] wide at 320 lbs [145].
- (exterior applications prevailing conditions at opening must be considered)

 ED250 FE door leaf:
- Up to 48" [1219] wide at 320 lbs [145].
- (exterior applications prevailing conditions at opening must be considered)
- · Operator is NOT handed, can be Left or Right.
- For high wind or severe use conditions consult factory.
- B. Arms:
 - Center hung arm shown (DC3122-010).
 - 3/4" offset and Slide track arms available
- C. Required ANSI Labels.D. Drain Requirements
 - Drains installed by others per instructions required to maintain warranty.
- Both drains 1/2" ID pipe to DWV or atmosphere.
- Pourstone around box sloped 1/8" per foot toward external drain.
- Highest point in pourstone minimum of 1/2" below bottom flange of cement case.
- 2. Finishes:
- A. Center hung arm:
 - Zinc plated.
- 3. Drawing Notes:
- A. Drawing dimensions are in English & Metric units. Metric units are displayed as: 1" [25] millimeters.
- Cement case: 7" [177] wide x 4 7/8" [124] high x 35 1/2" [901] long.
 Typical block out depth for the cement case is 5 1/2" [140] minimum.
 Approximate single operator w/ case weight: 66 lbs [30 kg].
- C. Maximum Opening Angle 110°.
- D. Not recommended for ANSI 156.10 use

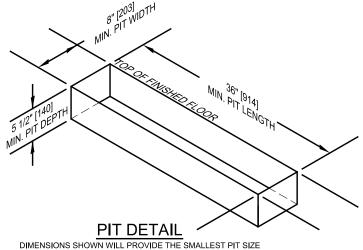
4 Power Requirements:

A. 115V +/- 15%, 50/60 Hz, 6.6A peak (per operator). One operator per GFI circuit. Service to header by electrician.

5. 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).
- Electrical Safety Recognition: UL 50, CSA C22.2 # 94.1
- (When weather seal is installed correctly).
- 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.
- Contact dormakaba Architectural Services for more information:
 A. Phone: 1-844-SPEC-NOW (1-844-773-2669)



ED250_IG_SINGLE_CENTER HUNG

Sheet 1 of 1

Drawing Title: **ED250 IG AUTOMATIC SWING DOOR**

CENTER HUNG

IN-GROUND OPERATOR

SINGLE Date: 07-NOV-2022

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