



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.
 - B. Operator Dimensions:
 - 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.
6. Contact dormakaba Architectural Services for more information:
 - A. Phone: 1-844-SPEC-NOW (1-844-773-2669)

