

The SA300 Series low power swing door operator is ideal for use in exterior or interior entryways, corridors and various applications that occasionally require an automatic opening. Common applications include libraries, retail, education and assisted living buildings, facilities or areas.

The SA300 Series electro-mechanical door operators are suitable for use on all types of doors, including large and heavy doors. It can be surface mounted either side of an opening for push/pull operation. The SA300 Series operator can be used with single doors, double doors and double egress doors fitted with standard hinges, and can be connected to a door with a range of different arm systems.

The SA300 Series can replace existing manual door closers, converting openings into automated ones easily while still being manually opened with ease.

The SA300 is an all-weather device, and is not affected by stack pressure or wind load when operating.

Other model series include concealed operators for swing clear hinges, offset pivots or center pivots – please contact your local sales representative for details.

FEATURES

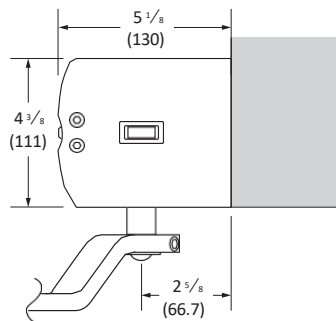
- Conforms to low energy ANSI/BHMA A156.19
- Conforms to UL Std. 325, 228, 10C and CSA Std. C22.2 #247
- ADA Compliant
- 1-Year limited warranty
- Electro-mechanical operator with display for easy programming and configuration
- For interior or exterior swing doors
- Handed, swing reversible
- One-button, self-learning and programming setup
- Interfaces with electronic door locks, strikes and fire-alarms
- 180° maximum door opening; 12 in (30.5 cm) maximum reveal
- Recommended maximum weight of 480 lbs (218 kg) per door leaf
- Recommended maximum width of 48 in (122 cm) per door leaf
- Activates by power assist, wall switches, and/or sensors
- Operates as mechanical closer when unpowered
- Dual operators can operate independently or simultaneously
- Power Assist (Push&Go) for automatic door opening when pushed
- Wind Force Dampening (WindBreak) to counteract wind forces
- Pressure Compensation to counteract positive, negative and sudden pressure changes for smooth operation
- Latch Check to ensure proper door closing, operator will open and attempt to close the door multiple times
- Built-in encoders track door position, even after a power failure
- Built-in obstacle detection, expandable with sensors (sold separately)
- Mechanical door stop (80° to 180°)
- Programmable sweep and latching speeds
- Programmable cushioning backcheck
- Programmable delayed action

MODEL	DESCRIPTION	LENGTH*	FINISH
FOR STANDARD SWING DOORS			
SA 300	Surface mounted, single operator, regular arm kit. Non-Handed	41 (1041)	Clear (CL) Dark Bronze (DB)

All SA300 swing door operators have a clutch-less gear box that allows the operator to drive the door in either direction. Ideal for heavy over-sized doors or high stack pressure or heavy wind conditions.

SA	300	-	L	-	PS	-	41	-	CL
MODEL	HAND ¹		TYPE ²		LENGTH		FINISH		

(1) L: LEFT, R: RIGHT, FOR 350 MODEL INDICATE AM: AUTO LEFT, MA: AUTO RIGHT (2) PS: PUSH, PL: PULL SEE SELECTION GUIDE FOR DETAILS



TECHNICAL DATA

Electrical

- Power supply: 115 V AC, 60 HZ
- Power consumption: Max. 100 W
- Auxiliary output voltage: 24 VDC up to 1 A
- Fuse type: 5A @ 500V, Slow-Blow
- Electric lock relay type: MOSFET
- Lock relay rating: 5.7A @ 100 VDC (limited to 1.1A @ 24 VDC)

Motor

- Rating: 1/3 HP, 16 VDC
- Type: Permanent Magnet (PM) Silent

Environmental

- Operating range: -40° to 50° C (-40° to 122° F)
- Relative humidity: Max. 100%

NOTE: The SA300 or any door operator must be installed, regularly maintained and serviced by trained and authorized personnel.

PARTS & ACCESSORIES



SA-W75

SA-WBF

Barrier free washroom kit. Includes SA-W75, SA-W62.



SA-W62

SA-W75

Push to lock button switch.*

SA-W62

Occupation indicator light.*



SA-EW58

SA-UWE

Universal washroom kit. Includes SA-W75, SA-W62, SA-EW58, SA-EW72, SA-EW36 and signage*.



SA-EW72

SA-EW58

Interior emergency light.*

SA-EW72

Emergency push-button.*



SA-EW36

SA-EW36

Outside dome light and sounder.*

*French versions available.



SA-45

4 1/2" (114mm) push plate activator.



SA-BB

Control box for SA-45 push plate.



SA-M513

Touchless activator. Includes control box.



SA-WT

SA-WR

SA-TR

Wireless sensor kit. Includes SA-WT (2) transmitters and SA-WR (1) receiver.

SA-WT

Wireless transmitter.

SA-WR

Wireless receiver.

