

OA-100 SWING DOOR OPERATOR

TECHNICAL FEATURES & FUNCTIONAL DESCRIPTIONS

#	Technical Feature	Functional Description
1	UL 325 Listed	Certified to the UL 325 and UL 911 standards for door operators by ETL #5012330.
2	UL 10C Certified	2-hour Fire Door Rated Operator.
3	ADA Compliant	Fully compliant with the ADA and ANSI A156.10 and A156.19 standards.
4	Door Capacity	Capability for doors weighing up to 450 lbs.
5	Programmable Controller	Digital LED display with simple, easy-to-use interface for installation setup and programming.
6	Push & Go	Yes, Selectable.
7	Obstacle Detection — Opening Direction	Built-in obstacle detection safety on opening. Door stops when encountering an obstruction, shuts off allowing door to close under standard spring power.
8	Power Close (XP Version Available)	Selectable. Activates when door is closing and in programmed latching area to ensure door is positively latched. Surface Mount XP Version Available. Presence Safety Sensor recommended.
9	On Board Power Supply	24 VDC total 1.2 Amp. Powers the most common locks and accessories, eliminating the need for an extra power supply.
10	Adjustable Opening & Closing Speed	Adjustable opening and closing speeds.
11	Adjustable Closing Force	Fully adjustable closing force settings.
12	Electric Lock Input	Selectable Fail Safe or Fail Secure electric lock settings.
13	Electric Lock Delay	Adjustable time delay of 0.02 – 2.0 sec. between activating the electronic lock and the start of the opening cycle.
14	Wind Force Dampening	Powerful Wind Check feature engages motor to reduce abrupt door speed and prevent damage to door, hinges, and arms.
15	Latch Assist — Before Open	Selectable "Pull Before Open" latch assist to prevent binding of electric strike.
16	Latch Assist — Closing (XP Version Available)	Selectable when Power Close is activated during closing cycle to assist in positive latching of the door. XP Version.
17	Adjustable Latching Speed & Position	Allows adjustment of the position and the closing speed in the latching area.
18	Encoder Door Positioning (XP Version Available)	Integrated encoder technology providing precise door control and positioning at all times.
19	DC Motor	1/3 HP 24 VDC permanent magnet motor. Large, powerful, long-lasting, and trouble-free.

20	Warranty	1-year warranty from date of invoice.
21	On / Off / Hold Open Switch	Standard selectable switch for primary door operation.
22	Non-Volatile Memory	All programmed settings are saved into memory and are retained upon loss of power.
23	Adjustable Back Check — Speed & Position	Allows you to set the speed and position of the door for positive control at all times.
24	Open / Closed Status	Dry contact output for monitoring the status of the door.
25	Presence Detector Input	Direct input for 2 external presence safety sensors.
26	Hold Open Timer	Adjustable from 1 – 99 sec. hold open.
27	Extendable Spindle	Yes, available upon request.
28	Smoke Evacuation / Stairway Pressurization	Allows connection to central operations centre to open and hold open doors for fan/smoke evacuation system in stairways and other entrances.
29	Continuous Duty	Manual or automatic operation in any traffic setting, including continuous-duty applications for airports, grocery stores, and malls.
30	Cycle Count	Yes, available — records how many times the door has cycled.
31	Washroom Package	Connects washroom accessories, eliminating the need for a switching network board and door position switch.

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UL Listed · UL 10C Certified · ANSI A156.19 · ADA Compliant · AAADM Compliant · Proudly Canadian