

MICOM's SW-800 is a non-handed swing door operator system to be utilized for automatic swinging pedestrian doors. Suitable for Single and Double door applications. Its small size and attractive housing design will compliment the aesthetics of any door. Ideally suited for:

- Healthcare • Government • Education • Multi-family
- Security Entrances • Commercial Applications



MICOM's SW-800 is the perfect choice for new and existing buildings, adapting effortlessly to varied requirements and uses. A powerful, yet gentle and friendly door opening solution. Designed to offer multifunction usability across a varied range of applications.

Best-in-Class Product Features

Key Features	Functional Description
Heavy Duty Capacity	High cycle continuous duty traffic with Industry leading capacity for doors weighing up to 700 Lbs. (315Kg.)
Non-Handed	Non-handed Operator for Left/Right or Push/Pull applications in a single model, field changeable
Obstacle Detection	Obstacle detection Safety on Opening & Closing, door stops or reverses when encountering an obstruction
Seletable Power Close	Activates when door closing and in programmed latching area to ensure door is positively latched
On Board Power Supply	Both 1000mA 12VDC and 500mA of 24VDC, more than enough to power all your accessories
Opening & Closing Speed	Adjustable Opening & Closing speeds
Adjustable Closing Force	Fully adjustable Open/Closing force settings
Electric Lock Input & Delay	Selectable Fail Safe or Fail Secure electric lock setting with adjustable time delay of 0.2 - 2.0 sec
Latch Assist Programs	Selectable latch assist programs "before open" and "closing" to prevent binding of electric strike
Adjustable Latching Area	Allows adjustment of the latching position and the closing speed in the latching area
Adjustable Back Check	Allows you to set the speed and position of the back check of the door for positive control at all time
Open/Closed Status	Dry contact can be used for monitoring status of door
Presence Detector Inputs	Direct input for 2 external presence safety sensors direct to the controller board
Extendable Spindle	Easily extend spindle up to 3" where the operator has to be mounted higher than typical applications
Battery Backup Kit	Includes batteries & charger to connect to central operations center to warn for battery replacement

SW-800 Operator Comparison to Competitive Brands



Hardware Manufacturers - Low Energy Door Operators

NOTE: The information as presented is accurate to the best estimates possible as far as information is available on each manufacturer's website.

We make no claims as to the performance of competitive models. There are positives in each and this chart is simply to show comparisons to features. If errors have been made, we will correct accordingly.

General Features	Micom	Dorma	Norton		Assa Abloy	Tucker	LCN	
	SW-800 LE & FA	ED900 LE	6300 LE	6000 LE	SW200i LE & FA	SW19 LE	Auto Equalizer LE 4630/4640	Sr. Swing LE 9530/9540
Primary Use	Man. & Auto	Automatic	Automatic	Automatic	Man. & Auto	Manual	Manual	Automatic
Traffic Demand	High	Med. - High	Med.	Med. - High	High	Med. - High	Low	High
Recommended Installations	Interior & Exterior	Interior & Exterior	Interior & Exterior	Interior & Exterior	Interior & Exterior	Interior & Exterior	Interior & Exterior	Interior & Exterior
Operator Drive	Elect.-Mech.	Elect.-Mech.	Elect.-Mech.	Electro-Hydraulic	Elect.-Mech.	Elect.-Mech.	Elect.-Hydraulic	Elect.-Mech.
Header Dimensions (W x H)	4 1/2" x 5 1/2"	5 1/8" x 2 3/4"	4 3/4" x 2 3/4"	4 3/8" x 5 3/8"	5-1/8" x 4 5/16"	4 3/4" x 4 1/8"	5 3/16" x 4 3/8"	4 1/2" x 5 3/4"
Full Length Cover Standard	Yes	No	Yes	No	Yes	Yes	No	Yes
Full Length Cover Available for \$\$\$	No Charge	Yes	No Charge	Yes	No Charge	No Charge	Yes	No Charge
Standard Finish (204-R1 & 313-R1)	Clear & Black Anodized	6-Painted	Painted	Painted	Clear & Bronze Anodized	Clear & Bronze Anodized	Powder Coat Paint	Clear & Bronze Anodized
Optional Finishes	Powder Coat	Powder Coat	Powder Coat	Powder Coat	Powder Coat	Paint	6 colors	
	Special Anodized	or Special Anod.	Black, White	Black, White	Kynar, Clad	NA		
Maximum Door Weight	700 LB.	220 LB.	200 LB.	250 LB.	700LB.	425 LB.	225 LB.	250 LB.
Installation Types: (Push, Pull & OHC)	Push, Pull 1 model + OHC	Push, Pull 1 Model	Push & Pull 2 Models	Push & Pull 1 model	Push, Pull 1 model +OHC	Push, Pull 1 Model	Push & Pull 2 Models	Push, Pull 1 model +OHC
Surface Applied Mounting:	✓	✓	✓	✓	✓	✓	✓	✓
Door Width Limit: Exterior	Up to 48"	Up to 48"	36" - 48"	Up to 48"	Up to 48"	Up to 48"	Up to 36"	33" to 48"
Door Width Limit: Interior	Up to 60"	Up to 48"	36" - 48"	Up to 48"	Up to 48"	Up to 48"	Up to 48"	33" - 48"
Adjustable Opening Angle	80° - 170°	85° - 110°		85° - 110°	80° - 110°	105° max	Max. 90°	Max. 90°
Mechanical Stop	No	No	No	No		Yes	No	Yes
Handing	Non-handed	Non-handed	Non-handed	Non-handed	Non-handed	Non-handed	Non-handed	Handed
Extendable / Reversible Spindle	3"	Optional				Optional 1", 2" & 3"	No	
Reveal Dimensions	13" std.	8" max	6 3/4" max	7 3/8" max	12" max	9 3/4"	8" max	10" max
Microprocessor Controller	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Hand Terminal Required	No	No	No	No	No	Yes for all Options	No	No
WiFi Connectivity / Mobile Apps	Coming	No	Yes	No	No	No	No	No
Electric Motor Type	1/4 hp 24VDC	1/8 hp	1/8 hp	1/8 hp	5/16 hp @24VDC	1/4hp VDC	1/8 hp	1/4 hp
Dynamic Braking	Yes	Yes			Yes	Yes		
Adjustable Electronic Stop	Yes					Yes		
On/Off/Hold Open Switch	✓	✓	✓	✓	✓	✓	✓	✓
Night Mode for Security Access	Optional Relay				Yes	Yes		
Adjustable Open: Force & Speed	Force & Speed	Force & Speed	Force & Speed	Force & Speed	Force & Speed	Force & Speed	Force & Speed	Speed
Adjustable Closing: Force & Speed	Force & Speed	Force & Speed	Force	Force & Speed	Force & Speed	Force & Speed	Force & Speed	Speed
Closing Method	Spring & Motor Close	Hydraulic	Spring	Hydraulic	Spring	Spring or Power Not Both	Hydraulic	Spring
Power Close	Yes	Yes	Yes	No	Yes	Optional	No	Yes
Power Close Cancel When Presence Detected	Yes							
Latch Assist Closing	Yes	Yes	Yes	No	Yes		Yes	Yes
Latch Assist Opening	Yes	Yes	No	No	Yes	Yes	No	No
Push & Go Feature	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
Power Assist For Manual Opening	Yes	Standard	Yes		Yes		No	No
Hold & Crawl Safety Speed	Yes							
Door Position Status	Yes					Yes		
Obstacle Detection - Opening	Yes - Stops Spring Close	Yes Reverses	Yes Reverses	Yes Reverses 1x	Yes Reverses	Reverses on Obstruction	Yes Reverses	Yes Reverses
Obstacle Detection - Closing	Yes - Reverses Tries Again 4x	Yes - Reverses	Yes - Reverses	Yes - Reverses 1x Rests	Yes - Reverses	Reverses on Obstruction	Yes - Reverses	Yes - Reverses
Wind Force Dampening	Yes				Yes			
Adjustable Electric Lock Delay	Yes					Yes		
Auxiliary Power Supply Output	12 & 24VDC 1.2a	24 VDC 1.5a	24 VDC 1.3a	24 VDC 1.3a	24 VDC 1.2a	24VDC 1.0a	12/24VDC 1.0a	24VDC 1.5a
Electric Lock Input	Yes	Yes				Yes		
Actuator Switch Failure	Yes	No						
Direct Impulse Signal Connection	Yes							
Power Shut From 90°	Yes							
Battery Back Up	Yes	No	No	No	Yes	No	No	No
Blow Open for Smoke Alarm	Yes	Optional	Yes	Yes		Yes	No	No
Stairway Pressurization System	Yes	No	No	No	Yes	No	No	No
ANSI A156.19 ADA Compliant	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
UL325 Listed	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ULCUL Fired Door Rating		Yes	Yes	Yes	Yes	Yes		
UL10C Positive Pressure Rated	2hrs	3hrs	3hrs	3hrs	3hrs	3hrs	3hrs	3hrs
CA State Fire Marshal	No	Yes			Yes	No		
Warranty	3 Year	2 Year	2 Year	2 Year	1 Year	2 Year	2 Year	2 Year
ANSI/BHMA A156.19 Certified	tbd	1,000,000	300,000	300,000	1,000,000	1,300,000	300,000	300,000