

# Swing Door ASSA ABLOY SW100

ASSA ABLOY

ASSA ABLOY Entrance Systems

The global leader in  
door opening solutions

Low Energy.  
High Performance.



# Sophisticated, quiet and convenient

The ASSA ABLOY SW100 is the ideal low energy operator for applications that need reliable, durable entrances with the strength to withstand continuous usage. For universities, schools, and commercial buildings, the ASSA ABLOY SW100 is a dependable, convenient door that meets the gentle push forces of low energy codes and manual use.



Outfitted with a variety of valuable features, the ASSA ABLOY SW100 delivers intelligent performance to overcome common entrance problems. The combination of the unique latch retry feature and the stack pressure compensation ensures that the door is never left open – it closes and seals tightly, preventing air infiltration. The ASSA ABLOY SW100

can also be adapted for varying needs - the open and closing speeds can be adjusted to meet precise requirements, eliminating wear on the motor and safeguarding the life of the product. With the safety features to match its excellent performance, the ASSA ABLOY SW100 helps keep foot traffic flowing smoothly and efficiently.

# Unrivaled benefits enhance performance



A comprehensive set of features and choices makes the ASSA ABLOY SW100 an innovative solution to fit your specific needs. This versatile automated swing door operator is also suitable for use on your existing manual doors.

- Latch Retry– if an attempt to close the door is unsuccessful, the operator will reverse 10 degrees and reclose in an attempt to successfully lock the door.
- Stack Pressure Compensation – the electronic control allows for increases of forces to overcome mild stack pressures while automatically compensating to power manual push forces to comply with ANSI A156.19 when the door is used in manual mode.
- Astragal coordination – doors always close in right order with built in electronic coordinator and can therefore be properly locked. Coordinator allows door with astragal to open first, close last.
- Inertia learn cycle – performs an initial inertia test measuring the weight of your door to optimize maximum performance. This cycle allows for the best application of braking and speeds per your unique application and reduces wear on components over the door life cycle.
- ANSI compliant lock kick – if selected, applies more power in last 5 degrees of closing to make sure door latches. Helpful to overcome wind and stack pressure.
- Battery convenience mode – operator can be activated by battery power for continuous operation in the event of a power failure.
- Test of safety sensors – operator monitors external safety sensors before opening and closing the door. If sensors are not functioning properly, automation is deactivated, and the door will function as a manual swing door with door closer.
- Power assist open – torque-controlled feature that can be adjusted to lower the open forces when the operator is used manually.
- Obstruction control – if the door becomes obstructed during operation, the obstruction control in the operator will stop the door and reverse the movement. This feature provides a high degree of safety at a very reasonable cost.
- Low power consumption – average electrical power required to open a 36" (914 mm) door is 25W resulting in lower running costs.
- Electronic dampening – automatically counteracts additional forces applied to the door during the opening and closing cycle.

## SW100 Technical Specifications

- Complies with ANSI Standard A156.19
- Electric strike integration
- UL/CUL Approved - Listing #939D
- ANSI/BHMA tested
- Operators can be integrated with security systems, card readers, etc.
- Efficient and cost effective
- Quiet and aesthetically pleasing
- Integration with door mounted presence devices for safety
- Electro-mechanical
- Adjustable spring close
- Max door weight: 200 lbs per operator

ASSA ABLOY Entrance Systems is a leading supplier of entrance automation solutions for efficient flow of goods and people. Building on the long-term success of the Besam, Albany and Megadoor brands, we offer our solutions under the ASSA ABLOY brand. Our products and services are dedicated to satisfying end-user needs for safe, secure, convenient and sustainable operations. ASSA ABLOY Entrance Systems is a division within ASSA ABLOY.

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