Revolving Door ASSA ABLOY RD4A

ASSA ABLOY Entrance Systems

The global leader in door opening solutions



Superior innovation for secure entrances

Attractive, versatile and completely secure, the ASSA ABLOY RD4A-1 one-way and ASSA ABLOY RD4A-2 two-way access control automatic revolving doors offer fully automated entrance control for interior and exterior use. Incorporating all of the principle advantages of revolving door systems — such as barrier and draft-free access, noise reduction and energy efficiency — the packages provide a level of control that conventional doors simply cannot match. Both revolving doors are compatible with all types of access control systems.







Intelligent control

Monitored by a microprocessor-equipped control unit, the ASSA ABLOY RD4A-1 and RD4A-2 can be connected to any compatible direct or remote access control system, including cards, code locks, biometrics and voice recognition. The system can be programmed to suit your individual needs for complete flexibility. The integrated, solid-state control unit enables users to monitor entry and exit independently, allowing for controlled access, free access or no access in each direction.

The ASSA ABLOY RD4A control unit delivers the data required for reliable building security, continuously monitoring all passages. Any attempt to pass without authorization or to physically tamper with door operation triggers an output that can alert building security systems. Additionally, the standard day/night mode allows the door to be controlled by timer or switch, permitting the door to accommodate for varying security conditions.

Uncompromising security and design

With extensive safety features, the ASSA ABLOY RD4A keeps users as safe as they are secure. Safety features include an emergency safety unit powered by a constantly charged and monitored battery that rotates doors to emergency position during power outage, an emergency push button that stops rotation and a program control device with status indication. Emergency breakaway allows the wings to be swung open to provide a clear evacuation path. Additionally, when a fire alarm is activated, the door rotates the wings to a central position and initiates the emergency breakaway function. Mount an optional status indicator at a remote monitoring station for an extra level of security.



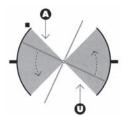
Flexible design

The ASSA ABLOY RD4A-1 and RD4A-2 access control revolving doors provide superior security with flexible design to meet the needs of any application. The ASSA ABLOY RD4A is available in a variety of sizes and finishes, combining a sleek appearance with strength and durability. The ASSA ABLOY RD4A is offered in 6′, 7′ and 8′ diameters and is available in either one-way or two-way access to meet the needs of your building.

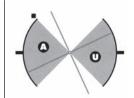
Overhead security sensors

The ASSA ABLOY RD4A provides strict access control and is available with the ASSA ASBLOY Secure360™ overhead sensor that eliminates the threat of common security breaches like piggybacking and tailgating. Featuring state-of-the-art technologies, the ASSA ABLOY Secure360™ sensor monitors the number of people trying to enter your facility, identifies suspicious behavior and prevents unauthorized entry by backing the offenders out of the door.

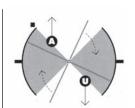
How it works



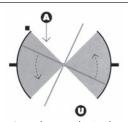
An authorized user (A) activates the door by using the access control system. An unauthorized user (U) attempts to enter at the same time, from the other direction.



Two security overhead sensors distinguish between the authorized and unauthorized user and signal the door to stop its rotation. The rotation of the door is also stopped if an unauthorized user follows behind the authorized user.



The presence of an unauthorized user prompts the revolving door to automatically reverse direction, preventing both the entry of the unauthorized user, and the entrapment of any user.



Once the unauthorized user backs out, rotation automatically resumes, and the authorized user can complete passage through the door.

ASSA ABLOY

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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