

High Speed Door ASSA ABLOY RR300 Clean

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ASSA ABLOY Entrance Systems

The global leader in
door opening solutions



Control particles and pressure

ASSA ABLOY RR300 Clean. Minimize cleanroom risk with maximum particle and pressure control.

From ASSA ABLOY Entrance Systems, the global leader in door opening solutions, the ASSA ABLOY RR300 Clean helps you gain greater control over particle concentration and air changes while maintaining stringent cleanroom requirements, including ISO Class 5 (US Federal Standard 209E Class 100) and GMP Class C.

Higher performance, lower costs

A near air tight seal, which minimizes pressure drop, combines with fast speeds that can reduce cleanroom energy and filtration costs.

- Fast opening and closing speeds of up to 80" per second control air exchange and reduces contaminants.
- The stainless steel design simplifies cleaning by eliminating particle accumulation, and helps maintain GMP Class C and ISO Class 5.

Increase safety and productivity

The ASSA ABLOY RR300 Clean helps prevent lost-time accidents with reliable and intuitive safety features.

- Contactless safety edge prevents accidents even under high speeds; traveling photocells detect objects at any door position and immediately reverse door to the open position.
- Optional contactless actuator - a simple wave of a hand opens the door in a faster, more hygienic way. Optional safety system in the case of a power outage provides up to four hours of standby and operation.





FDA certified PVC door panel
Transparent vinyl plus polyester monofilament woven double layer for greatest visibility and strength.



Contactless actuator
Simply wave your hand for faster, more hygienic operation.



Door design
Stainless steel side frame, motor and roll cover, and bottom profile simplify cleaning and eliminate particle accumulation, which help maintain GMP Class C and ISO Class 5.



Bottom bar
Minuscule gap between bottom profile and side columns minimizes pressure loss when door is closed.



Narrow side frames
Minimal side columns offer added installation flexibility for confined areas; while minuscule curtain guide gap ensures lowest possible pressure loss.



Top roll & motor covers
Stainless steel covers minimize particle accumulation and help maintain GMP Class C and ISO Class 5 cleanroom.



MCC VectorControl
Boosts speed with less energy delivering fast, smooth operation with minimal wear and maintenance.



Safety features
Contactless Safety Edge prevents accidents even under high speeds; traveling photocells detect objects at any door position and immediately reverse door to the open position.

Technical information

Opening and closing speeds		Door panel	
Opening up to	80" per second	FDA Approved PV-Cwith white or blue reinforcement strips	Standard
Closing up to	40" per second	Door components	
Cleanroom class		Side Frames	Stainless Steel
ISO Class 5 (US Federal Standard 209E Class 100)-EN 146441-1		Bottom Beam	Stainless Steel
GNP		Top Roll Cover	Stainless Steel
Class C		Motor Cover	Stainless Steel
Leakage		Motor Cover	Stainless Steel
20 m3/h (door size 1500 x 2000mm)		Control and drive system	
Door dimensions		MCC VectorControl™	Variable Frequency drive with soft start/soft stop and absolute encoder/ 24V DC, UL listed
Max Height	11.5 ft (3,500mm)	Remote Monitoring Systems	Optional-Only available with the MCC Vector Control™
Max Width	11.5 ft. (3,500mm)	Input Voltage	208-240 V, 440-480 V, 575-600 V
Min Height	3.2 ft. (1,000mm)	Motor	1.0-Hp, 3 phase, 60Hz, 10amps
Min Width	3.2 ft (1,000mm)	Limits Adjustment	At keypad interface
Safety features		Protection	IP-55, NEMA 4
Photo Eye	Standard	MMC VectorControl™	Optional
Bottom Beam	Insulated, soft bottom bar automatically reverses		
Egress Safety System	Optional-UPS battery backup in case of power outage		

*External transformer required for 575V

We offer various options and actuation devices for all ASSA ABLOY products.

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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Technical data subject to change without notice.

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