



## Albany RR300 Clean

Control particles and pressure

# CONTROL PARTICLES

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

From Albany Doors, the global leader in door opening solutions, the Albany 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 Albany 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

<b>Opening and closing speeds</b>		<b>Door panel</b>	
Opening up to	80" per second	FDA Approved PV-Cwith white or blue reinforcement strips	Standard
Closing up to	40" per second	<b>Door components</b>	
<b>Cleanroom class</b>		Side Frames	Stainless Steel
ISO Class 5 (US Federal Standard 209E Class 100)-EN 146441-1		Bottom Beam	Stainless Steel
<b>GNP</b>		Top Roll Cover	Stainless Steel
Class C		Motor Cover	Stainless Steel
<b>Leakage</b>		Motor Cover	Stainless Steel
20 m3/h (door size 1500 x 2000mm)		<b>Control and drive system</b>	
<b>Door dimensions</b>		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
<b>Safety features</b>		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 Albany products.



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