# Albany RR300

The modular high performance door

**Low profile**

Thin side frames have a small footprint for unlimited installation possibilities.

**Modular design**

Allows for easy, custom configurations – specialized to meet your precise needs.

**Self-repairing break away**

Door can withstand accidental impact and remain operational. If hit, simply press a button to fix.

**Isolate separate areas**

Tight sealing keeps separate areas contained from dust, debris and odors.

# MODULAR DESIGN

# HIGH PERFORMANCE

The Albany RR300 is the most versatile high speed door on the market. This single product can be easily customized for a range of interior applications – high traffic areas, clean and hygienic spaces, high pressure zones and much more. Select from a variety of fabrics, window panel options and top roll cover materials to create the perfect, fast-opening door for your facility.

### Optimize limited space

The Albany RR300 isolates distinct areas while improving the overall flow of business. This high performance door opens automatically and quickly at 80″ per second, avoiding damage from forklift operators, and dirt and grime from bins and pallets. When the door is closed, a tight seal is formed around the entire perimeter of the door, helping to keep out debris and maintain separate temperatures where necessary.

The affordable Albany RR300 serves as the ideal barrier between separate spaces, with innovative features that outperform and outlast interior sectional doors or simple strip curtains. Easy, touch-free operation keeps traffic moving freely and helps to create a trouble-free work environment. Impressive safety features protect workers and products. The simple design, with minimal parts, and low-profile side frames, ensures gentle, quiet operations – and allows the Albany RR300 to be installed almost anywhere.





### Albany RR300 doors protect air design's high quality products from dust & damage

Air Design, located in Cuernavaca, Mexico, creates beautifully-crafted external elements to make cars more aerodynamic, improving speed and decreasing fuel usage.
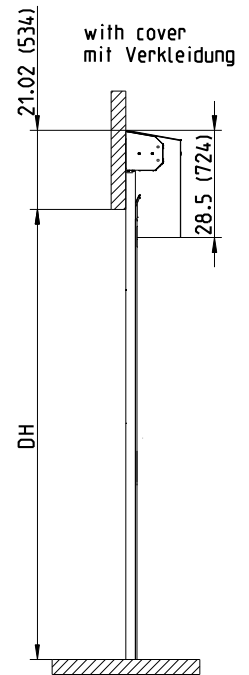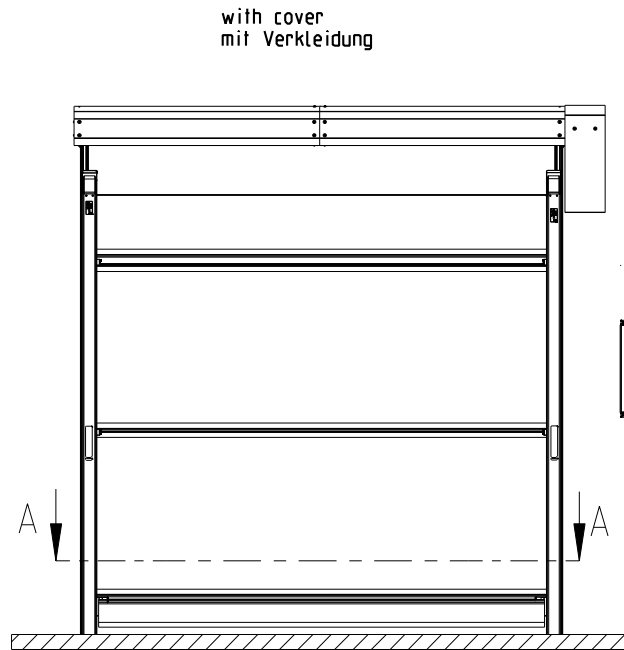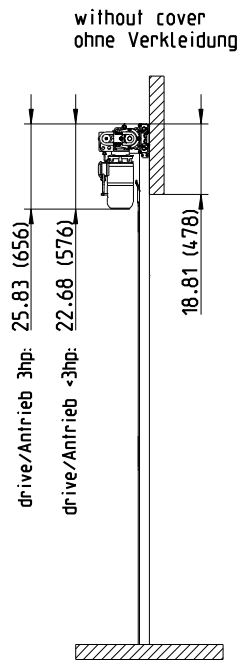
#### The problem
Air Design was in need of a door that could protect the high-quality product they're known for. They paint aerodynamic parts for high-end international car makers and they need to ensure that no dust particles enter the paint booths.
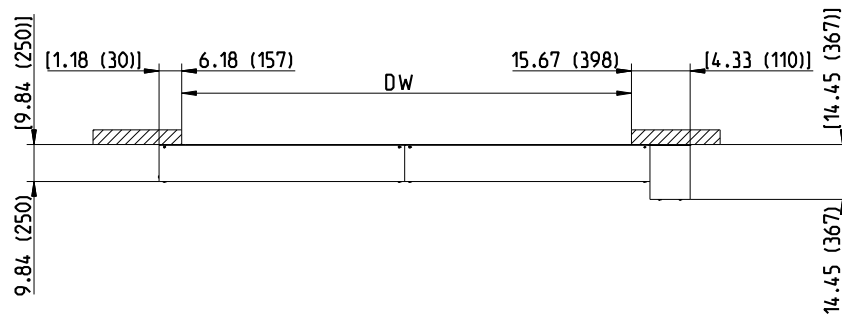
#### The solution
Albany provided Air Design with three Albany RR300 doors. With fast opening speeds and a one-second delay upon closing, the Albany RR300 moves fast enough to
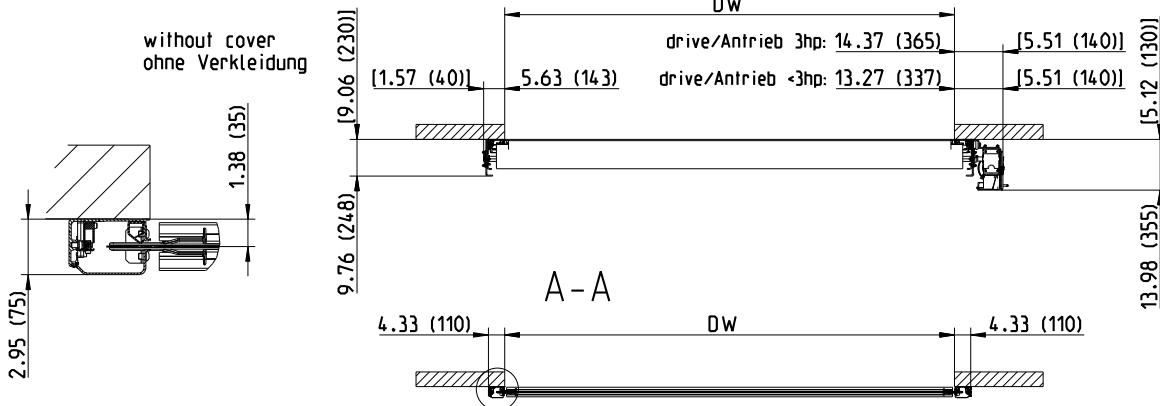
keep any dust in the factory from entering the paint booths. When the Albany RR300 is closed, the paint booths at Air Design benefit from the super tight, double seal protection around the perimeter of the door that prevents air and dust from seeping in. Finally, the light curtain safety sensors recognize when a person or object is in the doorway and then immediately reverse the door to the open position. The light curtain will prevent Air Design's freshly painted products from ever getting damaged. The tight seal, high speed and safety system on the Albany RR300 door are perfect for protecting Air Design's superior products, giving what was once a family workshop the tools it needs to continue growing into an international business.

without cover
ohne Verkleidung

with cover
mit Verkleidung

with cover
mit Verkleidung

drive/Antrieb 3hp: 25.83 (656)
drive/Antrieb <3hp: 22.68 (576)
18.81 (478)

21.02 (534)
28.5 (724)
DH

with cover
mit Verkleidung

[9.84 (250)]
9.84 (250)
[1.18 (30)]
6.18 (157)
DW
15.67 (398)
[4.33 (110)]
[14.45 (367)]
14.45 (367)

without cover
ohne Verkleidung

1.38 (35)
2.95 (75)

[9.06 (230)]
9.76 (248)
[1.57 (40)]
5.63 (143)

DW
drive/Antrieb 3hp: 14.37 (365)
drive/Antrieb <3hp: 13.27 (337)
[5.51 (140)]
[5.51 (140)]
[5.12 (130)]
13.98 (355)

A-A

4.33 (110)
DW
4.33 (110)

all dimensions in inch, ( ) in mm
alle Maße in inch, ( ) in mm

| Control Unit / Steuerung | | | | |
|---|---|---|---|---|
| | | ACS 50 1-speed | MCC with wind ribs | MCC without wind ribs |
| Opening speed / Öffnungsgeschwindigkeit | max | 36 inch/s (0.9 m/s) | 60 inch/s (1.5 m/s) | 460/480V: 100 inch/s (2.5 m/s) 208/230V: 78 inch/s (2.0 m/s) |
| Closing speed / Schließgeschwindigtkeit | max | 36 inch/s (0.9 m/s) | 28 inch/s (0.7 m/s) | |
| Dimensions W xHxD Abmessungen BxHxT | mm | 11.81x15.75x8.27 (300x400x210) | 8.66x14.96x3.94 (220x380x100) | |

| Available sizes / Lieferbare Größen | | |
|---|---|---|
| | DW | DH |
| min: | 3ft (914) | 3ft (914) |
| max: | 14ft (4267) | 14ft (4267) |

[ ] = Montagefreiraum
Space needed for installation

9300R0013/d
Stand: 2016-09-23

# Technical information

## Door dimensions
| | |
|---|---|
| Min Width | 3 ft (914 mm) |
| Max Width | 14 ft (4,267 mm) |
| Min Height | 3 ft (914 mm) |
| Max Height | 14 ft (4,267 mm) |

## Speeds
| | |
|---|---|
| Opening Speed | Up to 80 in/sec |
| Closing Speed | ≈24 in/sec |

## Wind resistance
| | |
|---|---|
| Static Wind Load | 50 mph |
| Static Pressure Load | 6 psf |
| Operating Wind Load | 30 mph |
| Operating Pressure Load | 2.3 psf |

## Door panel
| | |
|---|---|
| Self-Repairing Breakaway | YES |
| | (bring panel to front, push button) |
| Operating Noise | < 70 dBA |
| Applicable Agency Approvals | UL508A |
| Door Curtain Construction | Captured Panel: 2-ply PVC Fabric with wind knobs |
| | *RollText and 40oz. vinyl |
| | *Optional wind ribs with replaceable full-width vision panels |

## Safety features
| | |
|---|---|
| Reversing Edge Type | Wireless electric contact edge |
| Photo Safety Type | Through-beam photoeye |

## Door components
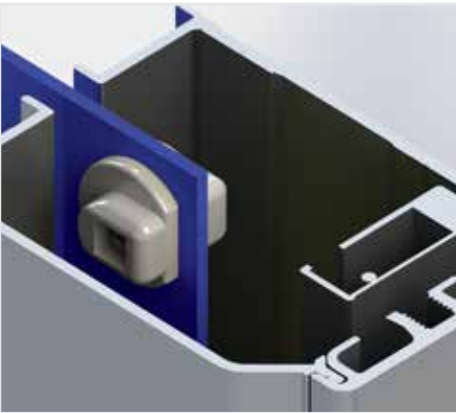| | |
|---|---|
| Side Frame Construction | Low profile anodized aluminum |
| Bottom Beam Construction | Padded aluminum with high-visibility yellow loop seal |
| Top Roll Construction | Extruded aluminum with steel axles |
| *Roll Cover Construction | 22 gauge steel powder-coated black (RAL 9005) |
| *Motor Cover Construction | 22 gauge steel powder-coated black (RAL 9005) |

## Control and drive system
| | |
|---|---|
| Control Panel | MCC VectorControl™ |
| Voltage Options | *208V 3Ø (± 10%) |
| | 230V 3Ø (± 10%) |
| | 460V 3Ø (± 10%) |
| | *575V 3Ø (± 10%) |
| Motor Size | Up to 2.0hp helical-worm gearmotor |
| Warranty Terms | 5-years / 1 Million Cycles on Drive Motor; 2 years all other mechanical & electrical |
| Operating Temperature Range | Standard 40 °F - +110 °F (4 °C - +43 °C) |
| | *Extended 32 °F - +140 °F (0 °C - +60 °C) |
| Controls Environmental Rating | NEMA-4 |
| Motor Environmental Rating | IP-55 |
| *ACS50 1-Speed Control System | Warranty on ACS50 Control System is 1-year for parts and labor. Other voltage restrictions may apply |

We offer various options and actuation devices

*Optional



**Low-profile side frame**
Slim side frame is only 4" wide and projects 3" from the wall for easy installation almost anywhere.



**Captured panel**
No wind ribs allow for fast and quiet operation.



**Light curtain**
Smart safety system eliminates contact with objects in doorway.

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