

ASSA ABLOY Product Specification	Product Specification ASSA ABLOY RR3000 R	Doc.-No.	Page 1 of 4
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PRODUCT SPECIFICATION **ASSA ABLOY RR3000 R**

Vertical rapid roll door for exterior use or interior or machine protection

Standard equipment

Dimensions:	
Daylight width (DW):	600 - 6000 mm
Daylight height (DH):	1500 - 3000 mm (height steps of 125mm) DH < 2500mm only with top roll cover
Area:	Max. 18 m ² (see appendix)
Wind class:	Class 3 (EN 12424)
Resistance to water penetration:	Class 1 (EN 12425)
Air permeability:	Class 2 (EN 12426)
Heat transition coefficient (U- value)	-
Noise:	< 70 db A (running noises)
Door blade:	Double wall aluminum lamella t=20mm (anodized)
Side guides:	Galvanized sheet metal
Wind reinforcement:	Wind tabs mounted at each lamella
Top roll:	Double disc - Daylight height ≤ 1875 mm Triple disc - Daylight height > 1875 mm
Operating temperature:	Standard -10 °C - +40 °C Extended -20 °C - +60 °C (see "Allowed operating temperature range for ASSA ABLOY doors")
Top roll sealing:	Distance profile with cable channel over the lintel, between site frames and plastic lip fixed at top lamella
Balancing:	System with tension springs (max. 8 springs on each site) With DW ≤ 3800mm: springs only on drive side
Tensioning:	System with rubber cable and ropes to tensioning the door blade
Bottom beam:	Standard lamella (DW ≤ 5000), reinforced lamella (DW > 5000) With pre running photocell, cable chain inside (without break-away)
Safety device:	Stationary photocell (300mm over the floor on door inside)
Drive unit:	Bonfiglioli gear motor 1.1 kW with front brake Available for right and left side
Opening/closing speed:	Max. 2.0 m/s / 0.6 m/s
Emergency opening:	Emergency lever to disconnect the brake, Self-opening partly
Control box:	MCC Frequency converter control system

Product Development

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Display unit: Display at side frame only possible if $DH \geq 1875\text{mm}$

Power supply: 3/(N)/PE 380V, 50/60Hz ($\pm 10\%$)
3/(N)/PE 400V, 50/60Hz ($\pm 10\%$)
3/(N)/PE 415V, 50/60Hz ($\pm 10\%$)
3/(N)/PE 440V, 50/60Hz ($\pm 10\%$)
3/(N)/PE 480V, 50/60Hz ($-10\%/+5\%$)

Certificates: Safe opening, peak forces according EN13241-1
Resistance to wind load class 3 (EN 12424)
Laser resistance (DIN EN 60825-4 / 42s – 4 KW)
Noise reduction 23dB / 25dB without / with mineral woll
Heat transition coefficient (U-value) related to lamella:
U = 4 W/m²K without insulation
U = 2.5 W/m²K with insulation

Options

Control box: Wall mounted with longer power cable length

Door blade alternative 1: Window lamella – see arrangement (see appendix)

Door blade alternative 2: Standard lamella with Polystyrol insulation

Door blade alternative 3: lamella with air condition (holes diameter 6mm)

Top roll cover: Aluminum anodized sheet metal
Required if $DH < 2500\text{mm}$

Motor cover: Version 1: Aluminum cover wide for installation MCC on side frame
Version 2: Alu.-cover small for installation MCC on wall

Power supply: With transformer:
3/(N)/PE 220V, 50/60Hz ($\pm 10\%$)
3/(N)/PE 230V, 50/60Hz ($\pm 10\%$)
3/(N)/PE 500V, 50/60Hz ($\pm 10\%$)

Power supply: single phase mains power supply
1/N/PE 220V, 50/60Hz ($\pm 10\%$)
1/N/PE 230V, 50/60Hz ($\pm 10\%$)
opening and closing speed is reduced about 25 %

Powder coating: Door blade (panels always both sides), without adapters
Side frame: all visible parts
Top roll and motor cover

Guiding- and spring covers: Aluminum anodized

LED traffic light strip: Mounting on both side frames, cabling in the door sideframe, approx.
300x15x6mm (LxWxD without connection cable)

Longer bottom sealing: 50mm elongated

Emergency-lever: Version 1: additional, with sep. bracket
Version 2: only on opposite side (no lever on side frame, spring cover without cut-out)
(The emergency lever can only be pulled 120°)

Safety edge: electrical safety edge at bottom profile
(DH reduced app.100mm)

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Hand chain operator: KNH Hand chain operator. Easy, manually Emergency opening by power failure. Combination with Motor cover is not possible.

Legend

Rev. 7: stf, 2008-11-18

- Electrical safety edge added

Rev. 8: son, 2008-06-29 (change no. 2009-050)

- Section "Optional equipment" renamed to "Options"
- power supply data modified
- option regarding Control box modified
- door blade alternative 5 deleted
- height steps added
- information regarding display added
- door blade option with mineral wool filling deleted (possible as special door)

Rev. 9: stf, 2010-02-24 (change no. 2010-031)

- Resistance to water penetration, air permeability, heat transition coefficient added

Rev. 10: fd, 2011-06-15

- Reinforced bottom lamella added (change no. 2011-032)
- Values for resistance to water penetration and air permeability added

Rev. 11: stf, 2012-06-01

- ASSA ABLOY Logo integrated

Rev. 12: stf, 2013-02-14

- single phase mains power supply, LED traffic light strip and operating temperature added

Rev. 13: pc, 2014-03-25

- Option Hand chain operator added.

Rev. 14: fd, 2015-08-10

- Wind class 3 up to DW 6000mm
- Laser protection: 4KW – 42s
- U-value related to lamella

Rev. 15: pc, 2018-09-24

- Albany in ASSA ABLOY, RR3000 R in ASSA ABLOY RR3000 R changed ("single Branding").

Product Development

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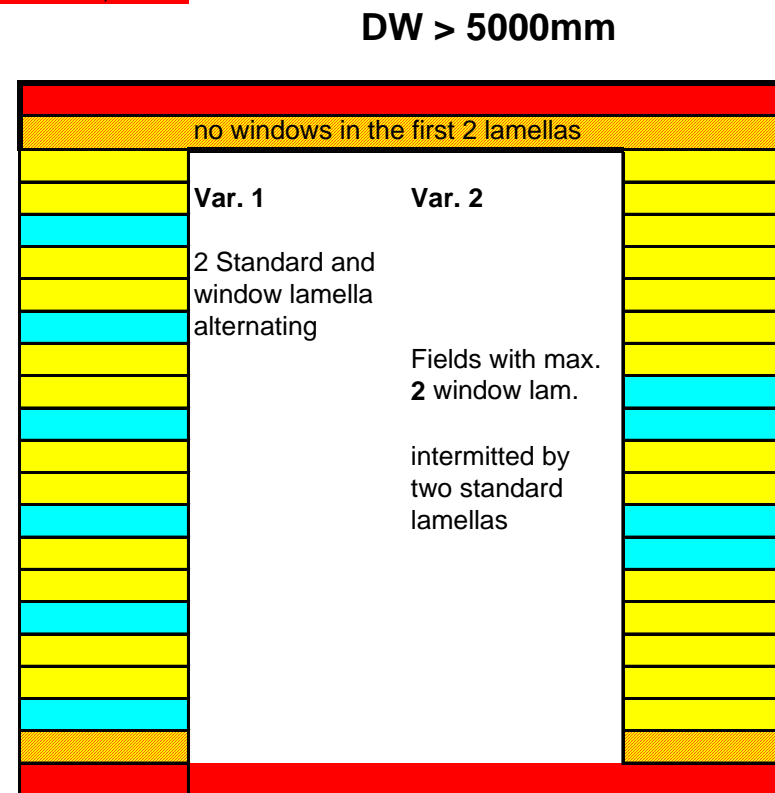
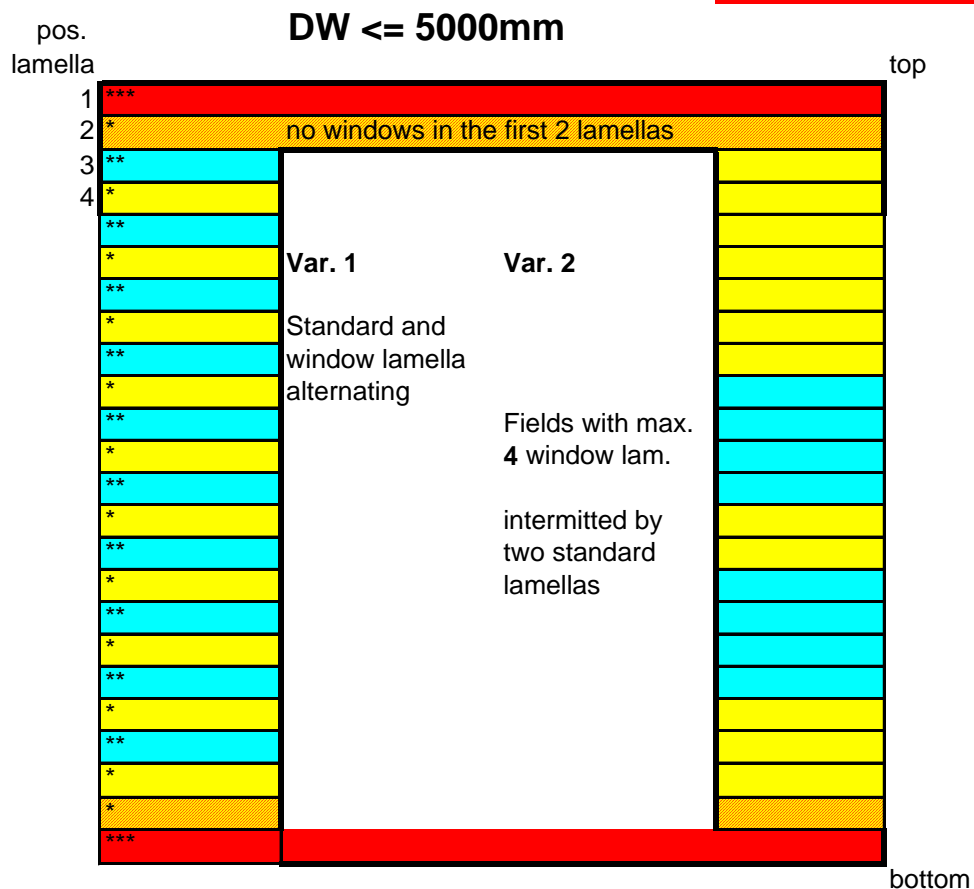
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permissible configuration
of the window lamellas

***	Top lamella (no window)
*	Standard lamella
**	Window lamella
***	Bottom lamella (no window)

Lamella height: 125mm
(8 lamellas per mtr.)



status: 2006-02-03 Frede / PD