

CONTEG FLYSHEET

FREE-STANDING RACKS

PREMIUM Server RSF TAILORED DATA CENTER CONFIGURATIONS RSF-BYTEline v. 2014

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PREMIUM



After thorough research, we have prepared a list of the most requested rack configurations for data center projects called **PREMIUM Server RSF-BYTEline**. All our configurations come in unique designs and are available for a special price, making them ideal for typical data center projects with hot/cold aisle or contained aisle layouts.

The PREMIUM Server rack RSF was designed as a dedicated server cabinet for data centers, equipment rooms and network or telecommunication closets. The RSF's heavy-duty, all-welded design and 1500 kg load rating make it possible to accommodate heavy equipment within a standard rack footprint. The 19" RSF server racks also offer top-of-the-line cabling support with unbeatable access.

- **Safety Lift-Off Hinge for tool-less door assembly/disassembly**
- **Better air circulation inside the rack - vented doors with real 86% perforation**
- **Advanced door design**
- **Dedicated server design**
- **Tailored for typical data center projects with hot/cold aisle or contained aisle layouts**
- **Top-quality manufacturing**
- **Fully compatible with 0U PDUs**

OVERVIEW TABLE - TAILORED DATA CENTER CONFIGURATIONS RSF-BYTEline

Code	Size (H-W/D)	Front door	Rear door	Side panels	2 pairs of 19" vertical extrusions	Top plate	Bottom plate
RSF-42-60/100-BLA1-X	42-60/100	"Vented door with perforation 86%, multipoint swivel handle lock"	Vented door with perforation 86%, multipoint lock	"With two side panels, standard lock"	A-type extrusions	"1 piece of removable B-design top plate with cable entries and ventilation opening"	"Without bottom plate"
RSF-42-60/100-BLA7-X	42-60/120		Vertically divided vented door with perforation 86%, multipoint lock				
RSF-42-80/100-BLA2-X			42-80/100				
RSF-42-80/100-BLA3-X	42-80/120		Vertically divided vented door with perforation 86%, multipoint lock	"Without side panels"	A-type extrusions (additional 3x2U positions per each extrusion)		
RSF-42-80/120-BLA9-X	42-80/100		Vented door with perforation 86%, multipoint lock				
RSF-42-60/100-BLA4-X	42-60/120		Vertically divided vented door with perforation 86%, multipoint lock				
RSF-42-60/100-BLA10-X	42-60/100		Vented door with perforation 86%, multipoint lock	"Without side panels"	A-type extrusions (additional 3x2U positions per each extrusion)		
RSF-42-60/120-BLA11-X	42-60/120		Vertically divided vented door with perforation 86%, multipoint lock				
RSF-42-80/100-BLA5-X	42-80/100		Vented door with perforation 86%, multipoint lock				
RSF-42-80/100-BLA6-X	42-80/120		Vertically divided vented door with perforation 86%, multipoint lock				

Substitute X with desired color: B -RAL 7035 (light grey) or H - RAL 9005 (black). Please note that the RSF-BYTEline series differs from standard RSF rack configurations. Please review the detailed configuration descriptions here or contact us if you have any questions.

ORDERING INFORMATION FOR ECCENTRIC EXTRUSIONS: The configurations presented above can not be changed. Please note that all **RSF RACKS ARE DELIVERED FULLY ASSEMBLED** and palletized! On the following pages you can find detailed descriptions of each configuration in the 19" RSF-BYTEline rack series, including pictures. For more information on these configurations visit:

<http://www.conteg.com/rsf-series-racks>

RSF-42-60/100-BLA1-X

Recommended as the last rack in a row or for use in data centers with hot/cold aisle or contained aisle layouts. Can also be used as a standalone rack. Dedicated design for housing heavy servers/active components. Fully compatible with 0U PDUs.



RSF-42-60/100-BLA1-H

- Height: 42U
- Width: 600 mm
- Depth: 1000 mm
- Load rating: 1500 kg
- 2 pairs of sliding 19" vertical A-type extrusions
- Front door: vented door - 86% perforation rate, swivel handle multipoint lock - DIN profile, universal key, EK 333, Safety Lift-Off Hinges
- Rear door: vented door - 86% perforation rate, swivel handle multipoint lock - DIN profile, universal key, EK 333, Safety Lift-Off Hinges
- Side panels: two side panels, standard lock, universal key
- Top plate: removable B-design top plate with cable entry and ventilation openings
- Bottom plate: no bottom plate
- Substitute X with desired color: B - RAL 7035 (light grey)
H - RAL 9005 (black)



RSF-42-60/100-BLA1-B

RSF-42-80/100-BLA2-X

Recommended as the last rack in a row or for use in data centers with hot/cold aisle or contained aisle layouts. Can also be used as a standalone rack. Dedicated design for housing heavy servers/active components. Fully compatible with 0U PDUs.



RSF-42-80/100-BLA2-H

- Height: 42U
- Width: 800 mm
- Depth: 1000 mm
- Load rating: 1500 kg
- 2 pairs of sliding 19" vertical A-type extrusions (additional 3x2U positions per each extrusion)
- Front door: vented door - 86% perforation rate, swivel handle multipoint lock - DIN profile, universal key, EK 333, Safety Lift-Off Hinges
- Rear door: vented door - 86% perforation rate, swivel handle multipoint lock - DIN profile, universal key, EK 333, Safety Lift-Off Hinges
- Side panels: two side panels, standard lock, universal key
- Top plate: removable B-design top plate with cable entry and ventilation openings
- Bottom plate: no bottom plate
- Substitute X with desired color: B - RAL 7035 (light grey)
H - RAL 9005 (black)



RSF-42-80/100-BLA2-B

RSF-42-80/100-BLA3-X

Recommended as the last rack in a row or for use in data centers with hot/cold aisle or contained aisle layouts. Can also be used as a standalone rack. Dedicated design for housing heavy servers/active components. Ideal for projects with limited space in hot aisle (vertically divided rear vented door). Fully compatible with High Density Wire Managers and 0U PDUs.



RSF-42-80/100-BLA3-H

- Height: 42U
- Width: 800 mm
- Depth: 1000 mm
- Load rating: 1500 kg
- 2 pairs of sliding 19" vertical A-type extrusions (additional 3x2U positions per each extrusion)
- Front door: vented door - 86% perforation rate, swivel handle multipoint lock - DIN profile, universal key, EK 333, Safety Lift-Off Hinges
- Rear door: vertically divided vented door - 86% perforation rate, swivel handle multipoint lock - DIN profile, universal key, EK 333, Safety Lift-Off Hinges
- Side panels: two side panels, standard lock, universal key
- Top plate: removable B-design top plate with cable entry and ventilation openings
- Bottom plate: no bottom plate
- Substitute X with desired color: B - RAL 7035 (light grey)
H - RAL 9005 (black)



RSF-42-80/100-BLA3-B

RSF-42-60/100-BLA4-X

Recommended as the inner rack in a row or for use in data centers with hot/cold aisle or contained aisle layouts. Dedicated design for housing heavy servers/active components. Fully compatible with 0U PDUs.



RSF-42-60/100-BLA4-H

- Height: 42U
- Width: 600 mm
- Depth: 1000 mm
- Load rating: 1500 kg
- 2 pairs of sliding 19" vertical A-type extrusions
- Front door: vented door - 86% perforation rate, swivel handle multipoint lock - DIN profile, universal key, EK 333, Safety Lift-Off Hinges
- Rear door: vented door - 86% perforation rate, swivel handle multipoint lock - DIN profile, universal key, EK 333, Safety Lift-Off Hinges
- Side panels: without side panels
- Top plate: removable B-design top plate with cable entry and ventilation openings
- Bottom plate: no bottom plate
- Substitute X with desired color: B - RAL 7035 (light grey)
H - RAL 9005 (black)



RSF-42-60/100-BLA4-B

RSF-42-80/100-BLA5-X

Recommended as the inner rack in a row or for use in data centers with hot/cold aisle or contained aisle layouts. Dedicated design for housing heavy servers/active components. Fully compatible with High Density Wire Managers and 0U PDUs.



RSF-42-80/100-BLA5-H

- Height: 42U
- Width: 800 mm
- Depth: 1000 mm
- Load rating: 1500 kg
- 2 pairs of sliding 19" vertical A-type extrusions (additional 3x2U positions per each extrusion)
- Front door: vented door - 86% perforation rate, swivel handle multipoint lock - DIN profile, universal key, EK 333, Safety Lift-Off Hinges
- Rear door: vented door - 86% perforation rate, swivel handle multipoint lock - DIN profile, universal key, EK 333, Safety Lift-Off Hinges
- Side panels: without side panels
- Top plate: removable B-design top plate with cable entry and ventilation openings
- Bottom plate: no bottom plate
- Substitute X with desired color: B - RAL 7035 (light grey)
H - RAL 9005 (black)



RSF-42-80/100-BLA5-B

RSF-42-80/100-BLA6-X

Recommended as the inner rack in a row or for use in data centers with hot/cold aisle or contained aisle layouts. Dedicated design for housing heavy servers/active components. Ideal for projects with limited space in hot aisle (vertically divided rear vented door). Fully compatible with High Density Wire Managers and 0U PDUs.



RSF-42-80/100-BLA6-H

- Height: 42U
- Width: 800 mm
- Depth: 1000 mm
- Load rating: 1500 kg
- 2 pairs of sliding 19" vertical A-type extrusions (additional 3x2U positions per each extrusion)
- Front door: vented door - 86% perforation rate, swivel handle multipoint lock - DIN profile, universal key, EK 333, Safety Lift-Off Hinges
- Rear door: vertically divided vented door - 86% perforation rate, swivel handle multipoint lock - DIN profile, universal key, EK 333, Safety Lift-Off Hinges
- Side panels: without side panels
- Top plate: removable B-design top plate with cable entry and ventilation openings
- Bottom plate: no bottom plate
- Substitute X with desired color: B - RAL 7035 (light grey)
H - RAL 9005 (black)



RSF-42-80/100-BLA6-B

RSF-42-60/100-BLA7-X

Recommended as the last rack in a row or for use in data centers with hot/cold aisle or contained aisle layouts. Can also be used as a standalone rack. Dedicated design for housing heavy servers/active components. Fully compatible with 0U PDUs.



RSF-42-60/100-BLA7-H

- Height: 42U
- Width: 600 mm
- Depth: 1000 mm
- Load rating: 1500 kg
- 2 pairs of sliding 19" vertical A-type extrusions
- Front door: vented door - 86% perforation rate, swivel handle multipoint lock - DIN profile, universal key, EK 333, Safety Lift-Off Hinges
- Rear door: vertically divided vented door - 86% perforation rate, swivel handle multipoint lock - DIN profile, universal key, EK 333, Safety Lift-Off Hinges
- Side panels: two side panels, standard lock, universal key
- Top plate: removable B-design top plate with cable entry and ventilation openings
- Bottom plate: no bottom plate
- Substitute X with desired color: B - RAL 7035 (light grey)
H - RAL 9005 (black)



RSF-42-60/100-BLA7-B

RSF-42-60/120-BLA8-X

Recommended as the last rack in a row or for use in data centers with hot/cold aisle or contained aisle layouts. Can also be used as a standalone rack. Dedicated design for housing heavy servers/active components. Fully compatible with 0U PDUs.



RSF-42-60/120-BLA8-H

- Height: 42U
- Width: 600 mm
- Depth: 1200 mm
- Load rating: 1500 kg
- 2 pairs of sliding 19" vertical A-type extrusions
- Front door: vented door - 86% perforation rate, swivel handle multipoint lock - DIN profile, universal key, EK 333, Safety Lift-Off Hinges
- Rear door: vertically divided vented door - 86% perforation rate, swivel handle multipoint lock - DIN profile, universal key, EK 333, Safety Lift-Off Hinges
- Side panels: two side panels, standard lock, universal key
- Top plate: removable B-design top plate with cable entry and ventilation openings
- Bottom plate: no bottom plate
- Substitute X with desired color: B - RAL 7035 (light grey)
H - RAL 9005 (black)



RSF-42-60/120-BLA8-B

RSF-42-80/120-BLA9-X

Recommended as the last rack in a row or for use in data centers with hot/cold aisle or contained aisle layouts. Can also be used as a standalone rack. Dedicated design for housing heavy servers/active components. Fully compatible with High Density Wire Managers and 0U PDUs.



RSF-42-80/120-BLA9-H

- Height: 42U
- Width: 800 mm
- Depth: 1200 mm
- Load rating: 1500 kg
- 2 pairs of sliding 19" vertical A-type extrusions (additional 3x2U positions per each extrusion)
- Front door: vented door - 86% perforation rate, swivel handle multipoint lock - DIN profile, universal key, EK 333, Safety Lift-Off Hinges
- Rear door: vertically divided vented door - 86% perforation rate, swivel handle multipoint lock - DIN profile, universal key, EK 333, Safety Lift-Off Hinges
- Side panels: two side panels, standard lock, universal key
- Top plate: removable B-design top plate with cable entry and ventilation openings
- Bottom plate: no bottom plate
- Substitute X with desired color: B - RAL 7035 (light grey)
H - RAL 9005 (black)



RSF-42-80/120-BLA9-B

RSF-42-60/100-BLA10-X

Recommended as the last rack in a row or for use in data centers with hot/cold aisle or contained aisle layouts. Can also be used as a standalone rack. Dedicated design for housing heavy servers/active components. Fully compatible with 0U PDUs.



RSF-42-60/100-BLA10-H

- Height: 42U
- Width: 600 mm
- Depth: 1000 mm
- Load rating: 1500 kg
- 2 pairs of sliding 19" vertical A-type extrusions
- Front door: vented door - 86% perforation rate, swivel handle multipoint lock - DIN profile, universal key, EK 333, Safety Lift-Off Hinges
- Rear door: vertically divided vented door - 86% perforation rate, swivel handle multipoint lock - DIN profile, universal key, EK 333, Safety Lift-Off Hinges
- Side panels: without side panels
- Top plate: removable B-design top plate with cable entry and ventilation openings
- Bottom plate: no bottom plate
- Substitute X with desired color: B - RAL 7035 (light grey)
H - RAL 9005 (black)



RSF-42-60/100-BLA10-B

RSF-42-60/120-BLA11-X

Recommended as the last rack in a row or for use in data centers with hot/cold aisle or contained aisle layouts. Can also be used as a standalone rack. Dedicated design for housing heavy servers/active components. Fully compatible with 0U PDUs.



RSF-42-60/120-BLA11-H

- Height: 42U
- Width: 600 mm
- Depth: 1200 mm
- Load rating: 1500 kg
- 2 pairs of sliding 19" vertical A-type extrusions
- Front door: vented door - 86% perforation rate, swivel handle multipoint lock - DIN profile, universal key, EK 333, Safety Lift-Off Hinges
- Rear door: vertically divided vented door - 86% perforation rate, swivel handle multipoint lock - DIN profile, universal key, EK 333, Safety Lift-Off Hinges
- Side panels: without side panels
- Top plate: removable B-design top plate with cable entry and ventilation openings
- Bottom plate: no bottom plate
- Substitute X with desired color: B - RAL 7035 (light grey)
H - RAL 9005 (black)



RSF-42-60/120-BLA11-B

RSF-42-80/120-BLA12-X

Recommended as the last rack in a row or for use in data centers with hot/cold aisle or contained aisle layouts. Can also be used as a standalone rack. Dedicated design for housing heavy servers/active components. Fully compatible with High Density Wire Managers and 0U PDUs.



RSF-42-80/120-BLA12-H

- Height: 42U
- Width: 800 mm
- Depth: 1200 mm
- Load rating: 1500 kg
- 2 pairs of sliding 19" vertical A-type extrusions (additional 3x2U positions per each extrusion)
- Front door: vented door - 86% perforation rate, swivel handle multipoint lock - DIN profile, universal key, EK 333, Safety Lift-Off Hinges
- Rear door: vertically divided vented door - 86% perforation rate, swivel handle multipoint lock - DIN profile, universal key, EK 333, Safety Lift-Off Hinges
- Side panels: without side panels
- Top plate: removable B-design top plate with cable entry and ventilation openings
- Bottom plate: no bottom plate
- Substitute X with desired color: B - RAL 7035 (light grey)
H - RAL 9005 (black)



RSF-42-80/120-BLA12-B

RELATED ACCESSORIES



The Air Separation Frame is joined to the extrusions and slides together with the extrusions. The top and bottom parts are equipped with brushes which provide basic cable management between the front and rear part of the rack.

For proper functionality of the Air Separation Frame, it is best to use a rack with both side panels and top covers.

Code	Depth of cold zone in mm	Applicable for RSF	
		H in U	W in mm
DP-RSF-CWA-42/60	variable	42	600
DP-RSF-CWA-42/80	variable	42	800

A-type extrusions with 0U PDU

RELATED ACCESSORIES

Code	Options
DP-RP-VM-07	Brackets for mounting vertical PDU IP-Dxx in RSF rack with A-type extrusions, set for 1 PDU
DP-RP-VM-08	Brackets for mounting vertical PDU IP-BA in RSF rack with A-type extrusions, set for 1 PDU
HVMS-H-A	Supporting holder for HVMS-B in RSF rack with A-type extrusions, set for 1 cable basket tray
HDWM-VMR-42-12L	Vertical Manager (Rack) -one row, 41 fingers, front only, (HxD) 42Ux126 mm, 5 pcs Velcro Cable Ties-small, 13x190 mm, compatible with L-type extrusion and A-type RSF 600 mm width, black, 1 pc
HDWM-VMR-42-12P	Vertical Manager (Rack) -one row, 41 fingers, front only, (HxD) 42Ux126 mm, 5 pcs Velcro Cable Ties-small, 13x190 mm, compatible with P-type extrusion and A-type RSF 800 mm width, black, 1 pc