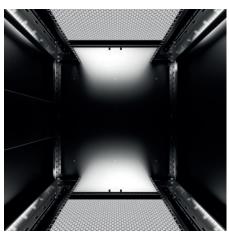# DATASHEET
Free-Standing Racks PREMIUM Housing RSB

CONTEG

# PREMIUM HOUSING **RSB**

> The **PREMIUM Housing RSB** rack series is designed for server housing and co-location centers. All types of active or passive 19" equipment can be housed inside.







*RSB-42-80/100-3*

## MAIN ADVANTAGES

> Flexible server-housing rack for collocation and housing data centers
> 2, 3 and 4 individual compartments
> Unmatched 86% door perforation ratio decreases server fan power consumption
> Installable as standalone or in rows with other racks
> Individual cable guides for cable management
> Separation frame for each compartment

COLOR: ◣ RAL 9005    ◣ RAL 7035

## DESCRIPTION

**Sizes**
- Height: 42, 45, 48U (total useful height = 42/45/48 minus number of compartments)
- Width: 600, 800 mm
- Depth: 1000 and 1200 mm

**Construction**
- 1.5 & 2.0 mm sheet steel
- 2–4 compartments; other combinations upon request

**Load rating**
- 1 500 kg maximum load rating per frame
- Load rating 500 kg per 19" compartments; 100 kg per shelf

**IP rating**
- IP20

**Colors**
- Standard RAL 7035 and 9005

**Front and rear doors**
- Vented door—perforation rate 86%
- Swivel handle lock—DIN profile, universal key 333, single point
- Door opening angle 180°
- Easy re-hanging to open on right or left

**Side panels**
- Removable with locks

**Cable entries**
- Top and bottom
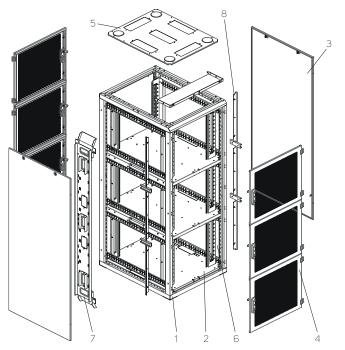- All cable entries covered with removable blank panels

**19" Vertical extrusions**
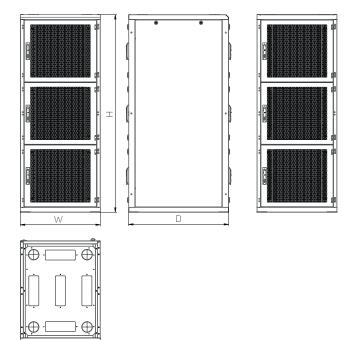- 2 pairs of sliding 19" vertical L-type (600mm) or P-type (800mm) extrusions for 2 and 3 compartments
- C-type extrusions for RSB width 800 mm (4 compartments)

**Other**
- Installable in blocks with DP-DR-UNI (ordered separately)
- GND/earthing kit included
- Individual cabling for each compartment (ordered separately)
- Air separation frame for all compartments (ordered separately)

# PREMIUM Housing RSB Racks



RSB-42-80/100-3

| STANDARD CONFIGURATION (short Code only) * | | OPTIONS | |
|---|---|---|---|
| 1 | Server housing rack frame | 7 | Set of individual cable guiding |
| 2 | 3 pieces of high-load shelf | 8 | Separation frame for each compartment |
| 3 | 2 removable side panels with locks | | |
| 4 | 6 pieces of vented doors with swivel handle lock | | |
| 5 | Removable Z-design top plate with cable entry openings | | |
| 6 | 2 pairs of 19" vertical P-type extrusions for each compartment | | |
| • | GND/earthing kit | | |
| • | 28 mounting kits | | |

* Valid for RSB racks with 3 compartments.

## Technical data and dimensions

| Code | H (in U) | Load rating (kg) | Dimensions (mm) | | | | Dimensions incl. packing (mm) | | | Gross weight (kg) (compartments—2/3/4) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | H * | W | D | Useful depth | H | W | D | |
| RSB-42-60/100 | 42 | 1500 | 1978 | 600 | 1000 | 931 | 2160 | 640 | 1040 | 137/158/181 |
| RSB-45-60/100 | 45 | 1500 | 2111 | 600 | 1000 | 931 | 2290 | 640 | 1040 | 144/165/190 |
| RSB-48-60/100 | 48 | 1500 | 2245 | 600 | 1000 | 931 | 2430 | 640 | 1040 | 151/173/198 |
| RSB-42-60/120 | 42 | 1500 | 1978 | 600 | 1200 | 1131 | 2160 | 640 | 1240 | 165/188/219 |
| RSB-45-60/120 | 45 | 1500 | 2111 | 600 | 1200 | 1131 | 2290 | 640 | 1240 | 174/196/230 |
| RSB-48-60/120 | 48 | 1500 | 2245 | 600 | 1200 | 1131 | 2430 | 640 | 1240 | 184/205/240 |
| RSB-42-80/100 | 42 | 1500 | 1978 | 800 | 1000 | 931 | 2160 | 840 | 1040 | 169/194/224 |
| RSB-45-80/100 | 45 | 1500 | 2111 | 800 | 1000 | 931 | 2290 | 840 | 1040 | 175/202/231 |
| RSB-48-80/100 | 48 | 1500 | 2245 | 800 | 1000 | 931 | 2430 | 840 | 1040 | 179/206/233 |
| RSB-42-80/120 | 42 | 1500 | 1978 | 800 | 1200 | 1131 | 2160 | 840 | 1240 | 205/234/261 |
| RSB-45-80/120 | 45 | 1500 | 2111 | 800 | 1200 | 1131 | 2290 | 840 | 1240 | 211/237/276 |
| RSB-48-80/120 | 48 | 1500 | 2245 | 800 | 1200 | 1131 | 2430 | 840 | 1240 | 220/248/282 |

* Height in mm without feet; for feet add 16–45 mm.

# PREMIUM Housing RSB Racks—ordering and shipping information

Configure the rack that meets your requirements. The ordering matrix below will help you create a Code. As soon as you have the Code, please contact your CONTEG products distributor. Please note that **all RSB racks are delivered fully assembled** and palletized.

## FOLLOW THE STEPS TO SET UP THE DESIRED RSB RACK CODE

| R | S | B | – | 1. | – | 2. | / | 3. | – | 4. | – | 5. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|

**An example of a correct Code:**

| R | S | B | – | 48 | – | 60 | / | 100 | – | 3 | – | B |
|---|---|---|---|---|---|---|---|---|---|---|---|---|

| 1. HEIGHT * | | |
|---|---|---|
| Code | Height (in U) | External height (mm) |
| 42 | 42 | 1978 |
| 45 | 45 | 2 111 |
| 48 | 48 | 2 245 |

\* Height in mm without feet.

| 2. WIDTH | |
|---|---|
| Code | Width (mm) |
| 60 | 600 |
| 80 | 800 |

| 3. DEPTH | |
|---|---|
| Code | Depth (mm) |
| 100 | 1000 |
| 120 | 1200 |

| 4. NUMBER OF COMPARTMENTS | |
|---|---|
| Code | Options |
| 2 | 2 compartments |
| 3 | 3 compartments |
| 4 | 4 compartments |

| 5. COLOR | |
|---|---|
| Code | Note |
| B | RAL 7035 (light gray) |
| H | RAL 9005 (black) |

| ACCESSORIES | |
|---|---|
| Code | Description |
| RSB-CM-xx[1] | Set for individual cable guiding of RSB racks, top or bottom cable entry |
| DP-RSB-CW-y[2]-xx[1] | Set of air separation frames for RSB racks |

[1] Substitute xx with height of RSB rack
[2] Substitute y with number of compartments

## Recommended accessories



Managed PDU



RAMOS Ultra

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