# Aluminum - Open Frame - Relay Racks Knockdown (RRAL Series)





## *Features:*

- Lightweight aluminum...
- Shipped knocked down...
- Choice of 19" or 23" panel width...
- Easy assembly - only 12 bolts...
- Front & rear flange is drilled and tapped (12-24) universal EIA (5/8 - 5/8 - 1/2 inch) spacing...
- Includes quantity 30, 12-24 x 5/8" pan head screws...
- For use as a single, free standing unit for support of standard 19” (or 23") rack mount devices...
- Compatible with most other manufacturers for joining (see joining kit below)...
- Recommended maximum weight (RRAL2384 tested) - 840 pounds...
- Base can be lagged to floor or will accept **casters & dollies** (Part Numbers **RRLDCASTER, RRLPDOL or RRHDDOL**)
- Available either unfinished (shown) or black textured powder paint.



Assembly Instructions

## 19" Panel Width

| Part Number | Color | Paint Texture | Reader File | AutoCAD .dxf file (zipped) | 3D Solid Model .stp file (zipped) | Panel Width | Panel Height | | Overall Dimensions (Inches) | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Inches | Units | Width | Height |
| **RRAL1948 RRAL1948BK** | Unfinished Black | N/A Textured | 309K | 55K | 72K | **19"** | **42** | 24 | 20" | 48" |
| **RRAL1972 RRAL1972BK** | Unfinished Black | N/A Textured | 335K | 59K | 99K | **19"** | **66.5** | 38 | 20" | 72" |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **RRAL1984**<br>**RRAL1984BK** | Unfinished<br>Black | N/A<br>Textured | PDF<br>350K | ZIP<br>61K | 3D ZIP<br>112K | **19"** | **78.75** | 45 | 20" | 84" |
| **23" Panel Width** | | | | | | | | | | |
| **RRAL2348**<br>**RRAL2348BK** | Unfinished<br>Black | N/A<br>Textured | PDF<br>302K | ZIP<br>55K | 3D ZIP<br>72K | **23"** | **42** | 24 | 24" | 48" |
| **RRAL2372**<br>**RRAL2372BK** | Unfinished<br>Black | N/A<br>Textured | PDF<br>323K | ZIP<br>59K | 3D ZIP<br>99K | **23"** | **66.5** | 38 | 24" | 72" |
| **RRAL2384**<br>**RRAL2384BK** | Unfinished<br>Black | N/A<br>Textured | PDF<br>356K | ZIP<br>61K | 3D ZIP<br>111K | **23"** | **78.75** | 45 | 24" | 84" |

## *Vertical Rail Close Up*




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## *Vertical Cable Organizers:*

- Used to organize large bundles of connecting wires
- Manufactured in 16 Ga. steel
- Mounts to either side of open relay rack
- Units are 6" wide
- Finished in rugged black textured powder paint



Photo shown with two single
units mounted to both sides.

- Two units shown here, with a black painted RRAL open relay rack

| Part Number | Use | Reader File | Use With Rack Height (Overall) |
|---|---|---|---|
| **RRCMS48** | Single Side | - | 48" |
| **RRCMS72** | Single Side | - | 72" |
| **RRCMS84** | Single Side | 67K | 84" |
| **RRCMD84** | Single Side (Front & Rear) | 42K | 84" |

Assembly Instructions

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## *Joining Kit:*



Part Number **RRALJK**

- Kit contains enough hardware to join two relay racks
- Used to join relay racks side by side
- No drilling required
- Connects through supplied 6 holes (2 in top, middle & bottom) of frame

Assembly Instructions

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## *19" Panel Accessories:*

- Casters & Dollies **(RR series)**
- Aluminum rack panels **(PBPA series)**
- Steel rack panels **(PBPS series)**
- Formed steel rack panels **(PBFS series)**
- Ventilated & Access Panels **(Louvers, slots, baffles etc.)**
- Doors & Chassis - Panel Mount **(Hinged & fixed)**
- Cable Organizing **(Panel mount rings, velcro strap panels & guides)**
- Shelves - Panel Mount **(Fixed, solid & vented)**
- Shelves & Slides - Dual Vertical Rail Mount **(Fixed, pull out, solid & vented, drawers, etc.)**
- Keyboard Shelves & Drawers **(Vertical rail mount)**
- Rack mount power bars **(1582 & 1583 series)**
- Fans **(Fans, Fan Kits, Grills & Filters)**
- Cooling Panels **(Ventilated Panels, Fan Panels & Baffles)**
- Blowers **(BSP series)**
- Fan Trays **(FT series)**
- Mounting hardware (**remember** the RRAL series is tapped for 12-24) **(Hardware)**

## *23" Panel Accessories:*

- Casters & Dollies **(RR series)**
- 19" to 23" panel adaptors **(PA series)**
- Shelves **(Rail Mount)**

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DOWNLOAD **RRAL rack - catalog pages (2)** - Adobe Reader .pdf format (123K)

DOWNLOAD **rack cabinet accessories - catalog pages (44)** - Adobe Reader .pdf format (1,495K)

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