

## Shelves (Fixed) - Panel Mount (Single Pair of Panel Rails)

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**Vented**  
(7" Deep - 1U Shown)



**Unvented**  
(7" Deep - 1U Shown)



Assembly  
Instructions

### Panel Rail Mounted

*Light Duty (Maximum 40 - 80 pound loads)*

**Fixed Chassis/Shelf (Vented or Unvented)**

- Allows easy rack mounting of narrow equipment or items that do not have rack mounting capabilities.
- Shelves feature formed 16-gauge steel construction
- Choice of three heights - 1.75"(1U), 3.5"(2U) or 5.25"(3U) of panel space
- Front & back edge folded - acting as both stiffeners and equipment retainers..
- Weight load tested: (1U-40 pounds, 2U-65 pounds, 3U-80 pounds)
- Mounts to rack rails either as an internal shelf or external shelf/work area
- Choice of two depths - 7" or 14.5"
- Available in either vented or unvented versions
- Shelves include tie down slots on each side & four tie down holes.
- Perfect for our smaller desk top racks (ex: [RCBS](#), [RCHS](#), [RCHV](#), [RRTT](#), [1459](#) series)
- Rugged textured - black powder paint finish
- Requires mounting [hardware](#)

### A few other installation ideas...



**RASU190107DBK1** mounted

**RASU190107DBK1** front  
mounted on a "DNRR"  
series relay rack

**RASVL190314BK1** mounted  
in a 17" deep - "RCHS" series  
desktop rack cabinet

upside down on a "DNRR"  
series  
relay rack (keyboard not  
included)

## VENTED

| Part Number    | Thumbnail Photo<br>(Click to enlarge)                                              | Panel Height |       | <br>Reader File | AutoCAD .dxf File (zipped)                                                                | 3D Solid Model .stp files (zipped)                                                          | Shelf Depth | Weight Load Rating (Pounds) | Stiffener Lip(s) Folded |
|----------------|------------------------------------------------------------------------------------|--------------|-------|--------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------|-----------------------------|-------------------------|
|                |                                                                                    | Inches       | Units |                                                                                                  |                                                                                           |                                                                                             |             |                             |                         |
| 19" Rack Mount |                                                                                    |              |       |                                                                                                  |                                                                                           |                                                                                             |             |                             |                         |
| RASV190107UBK1 |   | 1.75"        | 1U    | <br>147K        | <br>116K | <br>177K | 7"          | 40                          | Up (front & back)       |
| RASV190107DBK1 |   | 1.75"        | 1U    | <br>143K        | <br>103K | <br>156K | 7"          | 40                          | Down (front & back)     |
| RASVL190314BK1 |   | 3.50"        | 2U    | <br>163K        | <br>124K | <br>197K | 14.5"       | 65                          | Up (back only)          |
| RASVL190514BK1 |  | 5.25"        | 3U    | <br>164K        | <br>119K | <br>197K | 14.5"       | 80                          | Up (back only)          |

## UNVENTED

| Part Number    | Thumbnail Photo<br>(Click to enlarge)                                               | Panel Height |       | <br>Reader File | AutoCAD .dxf File (zipped)                                                                 | 3D Solid Model .stp files (zipped)                                                           | Shelf Depth | Weight Load Rating (Pounds) | Stiffener Lip(s) Folded |
|----------------|-------------------------------------------------------------------------------------|--------------|-------|----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-------------|-----------------------------|-------------------------|
|                |                                                                                     | Inches       | Units |                                                                                                    |                                                                                            |                                                                                              |             |                             |                         |
| 19" Rack Mount |                                                                                     |              |       |                                                                                                    |                                                                                            |                                                                                              |             |                             |                         |
| RASU190107UBK1 |  | 1.75"        | 1U    | <br>77K         | <br>50K | <br>49K | 7"          | 40                          | Up (front & back)       |
| RASU190107DBK1 |  | 1.75"        | 1U    | <br>74K         | <br>43K | <br>38K | 7"          | 40                          | Down (front & back)     |
| RASUL190314BK1 |  | 3.50"        | 2U    | <br>80K         | <br>46K | <br>42K | 14.5"       | 65                          | Up (back only)          |
| RASUL190514BK1 |  | 5.25"        | 3U    | <br>84K         | <br>46K | <br>42K | 14.5"       | 80                          | Up (back only)          |



**Unvented**  
**(15" Deep - 3U Shown)**

- Allows easy rack mounting of narrow equipment or items that do not have rack mounting capabilities.
- Shelves feature formed 14-gauge steel construction
- Choice of four heights - 1.75"(1U), 3.5"(2U), 5.25"(3U) or 7"(4U) of panel space
- Rear lip stiffener folded up for extra strength & acts as a rear equipment retainer
- Weight load tested: (1U-40 pounds, 2U-100 pounds, 3U & 4U-200 pounds)
- Mounts to rack rails either as an internal shelf or external shelf/work area
- Choice of two depths - 15" or 20"
- Available in either vented or unvented versions
- Rugged textured - powder paint finish
- Requires mounting [hardware](#)

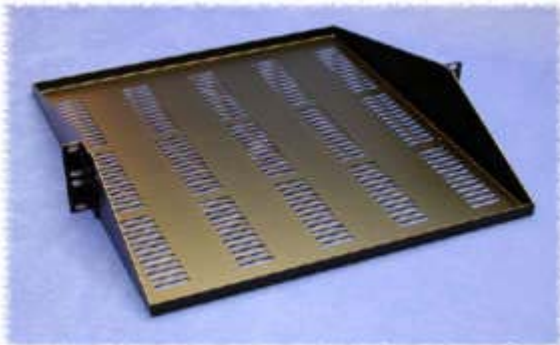


# VENTED

[illegible]



|                       |       |       |    |                                                                                       |                                                                                       |                                                                                        |            |     |     |
|-----------------------|-------|-------|----|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|------------|-----|-----|
| <b>RASU190715BK1</b>  | Black | 7.00" | 4U |  81K  |  45K  |  35K  | <b>19"</b> | 15" | 200 |
| <b>RASU190720BK1</b>  | Black | 7.00" | 4U |  73K |  45K |  35K | <b>19"</b> | 20" | 200 |
| <b>23" Rack Mount</b> |       |       |    |                                                                                       |                                                                                       |                                                                                        |            |     |     |
| <b>RASU230515BK1</b>  | Black | 5.25" | 3U |  71K |  45K |  35K | <b>23"</b> | 15" | 200 |
| <b>RASU230520BK1</b>  | Black | 5.25" | 3U |  72K |  46K |  35K | <b>23"</b> | 20" | 200 |
| <b>24" Rack Mount</b> |       |       |    |                                                                                       |                                                                                       |                                                                                        |            |     |     |
| <b>RASU240515BK1</b>  | Black | 5.25" | 3U |  70K |  45K |  35K | <b>24"</b> | 15" | 200 |
| <b>RASU240520BK1</b>  | Black | 5.25" | 3U |  72K |  45K |  35K | <b>24"</b> | 20" | 200 |



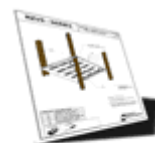
**Vented**



**Unvented**

### Panel Rail Mounted Dual Modem Shelves (Vented or Unvented)

- Dual modem shelf permits front and rear access to modems on open relay racks
- Unvented version available in either 19" or 23" rack panel width
- Uses 3.5" (2U) of vertical panel space
- Overall 19.5" deep
- The vented version provides a sturdy shelf without obstructing upward heat movement
- 16-gauge steel construction
- Front & rear lip folded for extra strength & become equipment retainers
- Weight load tested (DNDMS23BK1) to 200 pounds
- Rugged textured - black powder paint finish
- Requires mounting [hardware](#)



Assembly  
Instructions

## VENTED

| Part Number           |  Reader File | AutoCAD .dxf File (zipped)                                                             | 3D Solid Model .stp files (zipped)                                                     | Panel Width |
|-----------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-------------|
| <b>19" Rack Mount</b> |                                                                                               |                                                                                        |                                                                                        |             |
| <b>DNDMV19BK1</b>     |  164K        |  153K |  277K | <b>19"</b>  |

## UNVENTED

| Part Number           |  Reader File | AutoCAD .dxf File (zipped)                                                             | 3D Solid Model .stp files (zipped)                                                     | Panel Width |
|-----------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-------------|
| <b>19" Rack Mount</b> |                                                                                               |                                                                                        |                                                                                        |             |
| <b>DNDMS19BK1</b>     |  97K         |  51K  |  43K  | <b>19"</b>  |
| <b>23" Rack Mount</b> |                                                                                               |                                                                                        |                                                                                        |             |
| <b>DNDMS23BK1</b>     |  97K        |  51K |  43K | <b>23"</b>  |

**Note:** Weight load tested (DNDMS23BK1) to 200 pounds.

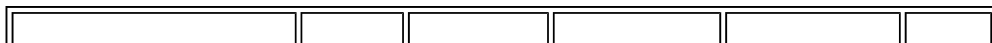


### Adjustable Shelf

- Mounts to panel rails using 5.25" (3U) of vertical panel space
- Movable side brackets allow mounting inside or outside rack at 4 different depths
- Designed mainly for open relay racks - works panel mounted on any rack
- Choice of 16" or 20" deep
- Available in either 19" or 23" rack panel width
- 14 Ga. steel construction
- Weight load tested (DNRMA2320BK1) to 275 pounds
- Finished in rugged textured - black powder paint
- Requires mounting [hardware](#)



Assembly  
Instructions



| Part Number           |  Reader File | AutoCAD .dxf File (zipped)                                                            | 3D Solid Model .stp files (zipped)                                                    | Panel Width | Shelf Depth |
|-----------------------|----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------|-------------|
| <b>19" Rack Mount</b> |                                                                                              |                                                                                       |                                                                                       |             |             |
| <b>DNRMA1916BK1</b>   |  186K       |  57K |  41K | <b>19"</b>  | 16"         |
| <b>DNRMA1920BK1</b>   |  192K       |  58K |  42K | <b>19"</b>  | 20"         |
| <b>23" Rack Mount</b> |                                                                                              |                                                                                       |                                                                                       |             |             |
| <b>DNRMA2316BK1</b>   |  182K       |  58K |  41K | <b>23"</b>  | 16"         |
| <b>DNRMA2320BK1</b>   |  185K       |  59K |  42K | <b>23"</b>  | 20"         |

**Note:** Weight load tested (DNRMA2320BK1) to 275 pounds.



### Panel Rail Mounted Clamping Shelves (Vented)

- Allows easy rack mounting of narrow equipment or items that do not have rack mounting capabilities
- Includes two adjustable - gasketed (to protect from scratching the clamped equipment) horizontal clamps.
- Designed for equipment requiring front adjustment without sliding around the shelf (ie...pushbuttons, jacks, plugs, dials etc.)
- Choice of four clamp locations depending on depth of equipment
- Choice of three shelf heights (see table below)
- Mounted equipment height should be at least 1/2" shorter than shelf "panel height" to allow clearance for the gasketed clamps (see table below).
- Provides a sturdy shelf without obstructing upward heat movement
- Rear lip folded up for extra strength & doubles as an equipment retainer
- 14-gauge steel construction
- Rugged textured - black powder paint finish
- Requires mounting [hardware](#)



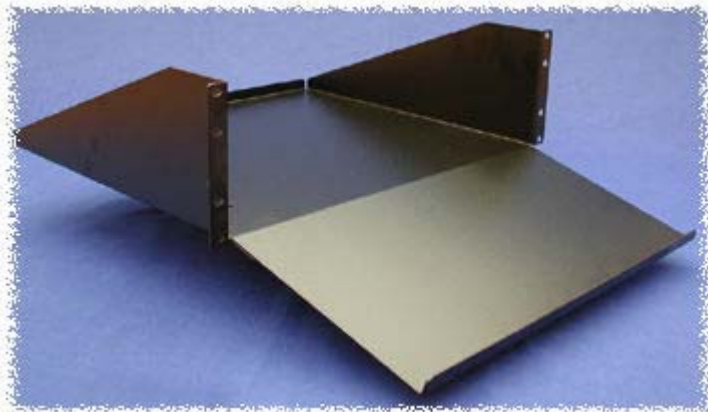
Example of clamped equipment (in this case 10.5" wide)



Assembly  
Instructions

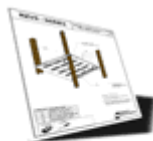
## VENTED

| Part Number    | Shelf Panel Height |       | Maximum Equipment Height (Inches) | <br>Reader File | AutoCAD .dxf File (zipped)                                                                  | 3D Solid Model .stp files (zipped)                                                          | Shelf Depth |
|----------------|--------------------|-------|-----------------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------|
|                | Inches             | Units |                                   |                                                                                                   |                                                                                             |                                                                                             |             |
| 19" Rack Mount |                    |       |                                   |                                                                                                   |                                                                                             |                                                                                             |             |
| RACSV190315BK1 | 3.50"              | 2U    | 3"                                | <br>274K        | <br>119K | <br>257K | 15"         |
| RACSV190515BK1 | 5.25"              | 3U    | 4.75"                             | <br>290K        | <br>124K | <br>293K | 15"         |
| RACSV190715BK1 | 7.00"              | 4U    | 6.5"                              | <br>300K        | <br>131K | <br>319K | 15"         |



### Panel Rail Mounted Keyboard/Monitor Shelf

- Mounts to panel rails using 5.25" (3U) of vertical panel space
- Extends 15" back from front panel
- Slanted keyboard section is 8.5"
- Rear lip to reduce chance of monitor being pushed off rear of shelf
- Available in either 19" or 23" rack panel width
- 14 Ga. steel construction
- Weight load tested (RKBM23BK1) to 160 pounds
- Finished in rugged textured - black powder paint
- Requires mounting [hardware](#)



Assembly  
Instructions

| Part Number           | <br>Reader<br>File | AutoCAD<br>.dxf File<br>(zipped) | 3D<br>Solid Model<br>.stp files<br>(zipped) | Panel Width |
|-----------------------|-------------------------------------------------------------------------------------------------------|----------------------------------|---------------------------------------------|-------------|
| <b>19" Rack Mount</b> |                                                                                                       |                                  |                                             |             |

|                       |                                                                                        |                                                                                       |                                                                                        |            |
|-----------------------|----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|------------|
| <b>RKBM19BK1</b>      |  155K |  50K |  40K | <b>19"</b> |
| <b>23" Rack Mount</b> |                                                                                        |                                                                                       |                                                                                        |            |
| <b>RKBM23BK1</b>      |  121K |  50K |  40K | <b>23"</b> |

**Note:** Weight load tested (RKBM23BK1) to 160 pounds.

Shelf mounted to open aluminum Relay Rack



(keyboard not included)



### Panel Rail Mounted Equipment Shelf

- Standard 19" rack mount
- A closed shelf with 1.5" dia. holes in each bottom corner for cord access
- Fabricated from 18 gauge steel
- Inside dimensions 17.2" wide x 15" deep
- Opening height is only 1" less than panel height
- Finished in smooth white (to aid visibility), powder paint
- Requires mounting [hardware](#)



Assembly  
Instructions

|                    |                                                                                                   |                             |                                               |                               |
|--------------------|---------------------------------------------------------------------------------------------------|-----------------------------|-----------------------------------------------|-------------------------------|
| <b>Part Number</b> |  <b>Reader</b> | <b>AutoCAD</b><br>.dxf File | <b>3D</b><br><b>Solid Model</b><br>.stp files | <b>Panel</b><br><b>Height</b> |
|--------------------|---------------------------------------------------------------------------------------------------|-----------------------------|-----------------------------------------------|-------------------------------|

|                       | File                                                                                     | (zipped)                                                                                 | (zipped)                                                                                  | Inches        | Units     |
|-----------------------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|---------------|-----------|
| <b>19" Rack Mount</b> |                                                                                          |                                                                                          |                                                                                           |               |           |
| <b>RASE1900815WH2</b> | <br>88K | <br>40K | <br>31K | <b>8.75"</b>  | <b>5U</b> |
| <b>RASE1901015WH2</b> | <br>81K | <br>40K | <br>31K | <b>10.50"</b> | <b>6U</b> |
| <b>RASE1901215WH2</b> | <br>80K | <br>40K | <br>31K | <b>12.25"</b> | <b>7U</b> |

**Note:** Weight load tested (RASE191215WH2) to 75 pounds.

DOWNLOAD



[Panel Mount Shelves - catalog pages \(2\)](#) - Adobe Reader .pdf format (111K)

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[all accessories - catalog pages \(44\)](#) - Adobe Reader .pdf format (1,495K)

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