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Vented (7" Deep - 1U Shown)



Unvented (7" Deep - 1U Shown)



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: <u>RCBS</u>, <u>RCHS</u>, <u>RCHV</u>, <u>RRTT</u>, <u>1459</u> series)
- Rugged textured black powder paint finish
- Requires mounting <u>hardware</u>

A few other installation ideas...



RASU190107DBK1 mounted

RASU190107DBK1 front

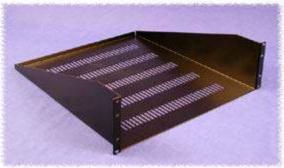
mounted on a "DNRR" series relay rack RASVL190314BK1 mounted in a 17" deep - "RCHS" series desktop rack cabinet upside down on a "DNRR" series relay rack (keyboard not included)

VENTED

Part Number	Thumbnail Photo (Click to enlarge)	Par Heiş Inches	ght	Reader	AutoCAD .dxf File (zipped)	Model .stp files	Shelf Depth	Weight Load Rating (Pounds)	Stiffener Lip(s) Folded
			19"	Rack I	Mount	(zipped)			
RASV190107UBK1	-	1.75''	1U	147K	ZIP 116K	3D ZIP 177K	7"	40	Up (front & back)
RASV190107DBK1		1.75''	1U	143K	ZIP 103K	3D ZIF 156K	7"	40	Down (front & back)
RASVL190314BK1		3.50''	2 U	163K	ZIP 124K	3D ZIP 197K	14.5"	65	Up (back only)
RASVL190514BK1		5.25''	3U	5 164K	ZIP 119K	3D ZIP 197K	14.5"	80	Up (back only)

UNVENTED

Part Number	Thumbnail Photo (Click to enlarge)	Par Heiş Inches	ght	Reader	AutoCAD .dxf File (zipped)	3D Solid Model .stp files (zipped)	Shelf Depth		Stiffener Lip(s) Folded
			19"	Rack I	Mount	(Zippeu)			
RASU190107UBK1	1	1.75''	1U	77 K	ZIP 50K	3D ZIP 49K	7"	40	Up (front & back)
RASU190107DBK1	I	1.75''	1U	74K	ZIP 43K	3D ZIP 38K	7"	40	Down (front & back)
RASUL190314BK1	P	3.50''	2 U	5 80K	ZIP 46K	3D ZIP 42K	14.5"	65	Up (back only)
RASUL190514BK1		5.25''	3U	5 84K	ZIP 46K	3D ZIP 42K	14.5"	80	Up (back only)



Vented (20" Deep - 3U Shown)



Unvented (15" Deep - 3U Shown)

Panel Rail Mounted HEAVY DUTY (Maximum 40 - 200 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 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 <u>hardware</u>



VENTED

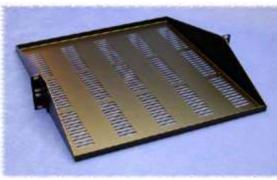
Part Number	Color	Panel I Inches		Reauer	AutoCAD .dxf File (zipped)	3D Solid Model .stp files (zipped)	Panel Width	Shelf Depth	Weight Load Rating (Pounds)
			1	9" Ra	ck Mount				
RASV190115BK1	Black	1.75''	1U	162K	ZIP 122K	3D ZIF 150K	19"	15"	40
RASV190120BK1	Black	1.75''	1U	122K	ZIP 139K	3D ZIF 179K	19"	20"	40
RASV190315BK1	Black	3.50''	2 U	470K	ZIP 122K	3D ZIF 155K	19"	15"	100
RASV190320BK1	Black	3.50''	2 U	124K	ZIP 139K	3D ZIF 185K	19"	20"	100
RASV190515BK1	Black	5.25''	3 U	163K	ZIP 119K	3D ZIP 155K	19"	15"	200

RASV190520BK1	Black	5.25''	3U	155 K	ZIP 134K	3D ZIF 185K	19"	20"	200
RASV190715BK1	Black	7.00''	4 U	164K	ZIP 113K	3D ZIF 155K	19"	15"	200
RASV190720BK1	Black	7.00''	4 U	130K	ZIP 129K	3D ZIF 184K	19"	20"	200
			2	23" Rad	ck Mount	t			
RASV230515BK1	Black	5.25''	3U	124K	ZIP 139K	3D ZIF 189K	23''	15"	200
RASV230520BK1	Black	5.25''	3U	136K	ZIP 159K	3D ZIF 231K	23''	20"	200
			2	24" Rad	ck Mount	 t			
RASV240515BK1	Black	5.25''	3U	125K	ZIP 141K	3D ZIF 189K	24''	15"	200
RASV240520BK1	Black	5.25"	3U	5 134K	ZIP 161K	3D ZIF 229K	24''	20"	200

UNVENTED

Part Number	Color	Panel H Inches		Keader	AutoCAD .dxf File (zipped)	3D Solid Model .stp files (zipped)	Panel Width	Shelf Depth	Weight Load Rating (Pounds)
			1	9" Ra	ck Mount	t			
RASU190115BK1	Black	1.75"	1U	75 K	ZIP 43K	3D ZIF 31K	19"	15"	40
RASU190120BK1	Black	1.75"	1U	70K	ZIP 43K	3D ZIP 31K	19"	20"	40
RASU190315BK1	Black	3.50"	2 U	79K	ZIP 46K	3D ZIF 35K	19"	15"	100
RASU190320BK1	Black	3.50"	2 U	72K	ZIP 46K	3D ZIP 35K	19"	20"	100
RASU190515BK1	Black	5.25''	3 U	7 9K	ZIP 46K	3D ZIF 35K	19"	15"	200
RASU190520BK1	Black	5.25"	3 U	82K	ZIP 46K	3D ZIP 35K	19"	20"	200

RASU190715BK1	Black	7.00''	4U	81K	ZIP 45K	3D ZIF 35K	19"	15"	200
RASU190720BK1	Black	7.00''	4 U	73K	ZIP 45K	3D ZIF 35K	19"	20"	200
			2	23" Rad	ck Mount				
RASU230515BK1	Black	5.25"	3 U	71K	ZIP 45K	3D ZIF 35K	23''	15"	200
RASU230520BK1	Black	5.25"	3 U	72K	ZIP 46K	3D ZIF 35K	23''	20"	200
			2	24" Rad	ck Mount	t			
RASU240515BK1	Black	5.25"	3 U	70K	ZIP 45K	3D ZIF 35K	24''	15"	200
RASU240520BK1	Black	5.25"	3 U	72K	ZIP 45K	3D ZIP 35K	24''	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 <u>hardware</u>



VENTED

Part Number	Reader File	AutoCAD .dxf File (zipped)	3D Solid Model .stp files (zipped)	Panel Width						
	19" Rack Mount									
DNDMV19BK1	164K	ZIP 153K	3D ZIF 277K	19''						

UNVENTED

Part Number	File	AutoCAD .dxf File (zipped) Rack Mc	(zipped)	Panel Width
DNDMS19BK1	97K	ZIP 51K	3D ZIF 43K	19''
	23"	Rack Mc	ount	
DNDMS23BK1	97K	ZIP 51K	3D ZIP 43K	23''

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 <u>hardware</u>



Part Number	Reader File	(zipped)	Solid Model .stp files (zipped)	Panel Width	Shelf Depth
	19				
DNRMA1916BK1	186 K	ZIP 57K	3D ZIP 41K	19"	16"
DNRMA1920BK1	192K	ZIP 58K	3D ZIP 42K	19''	20"
	23	" Rack N	lount		
DNRMA2316BK1	5 182K	ZIP 58K	3D ZIP 41K	23''	16"
DNRMA2320BK1	5 185K	ZIP 59K	3D ZIF 42K	23''	20"

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





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

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 <u>hardware</u>



VENTED

	Shelf Pane	el Height	Maximum Equipment		AutoCAD	3D Solid Model	Shelf		
Part Number	Inches	Units		R <mark>eade</mark> r File	.dxf File (zipped)	.stp files (zipped)	Depth		
19" Rack Mount									
RACSV190315BK1	3.50"	2 U	3"	274K	ZIP 119K	3D ZIF 257K	15"		
RACSV190515BK1	5.25''	3 U	4.75"	290K	ZIP 124K	3D ZIF 293K	15"		
RACSV190715BK1	7.00''	4 U	6.5"	300K	ZIP 131K	3D ZIF 319K	15"		

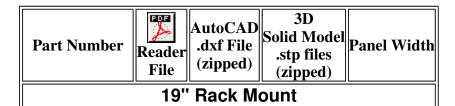


Assembly

Instructions

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 <u>hardware</u>



RKBM19BK1	5 5K	ZIP 50K	3D ZIF 40K	19''						
	23" Rack Mount									
RKBM23BK1	5 121K	ZIP 50K	3D ZIF 40K	23''						

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

Shelf mounted to open aluminum Relay Rack



(keyboard not included)





- 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



Instructions

Panel **3D** PDF **Part Number** Height AutoCAD Solid Model **Reader** .dxf File .stp files

	File	(zipped)	(zipped)	Inches	Units					
19" Rack Mount										
RASE1900815WH2	88K	ZIP 40K	3D ZIP 31K	8.75''	5 U					
RASE1901015WH2	81K	ZIP 40K	3D ZIF 31K	10.50"	6 U					
RASE1901215WH2	80 K	ZIP 40K	3D ZIP 31K	12.25''	7 U					

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

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

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