

Pro Series Wall Mount Racks



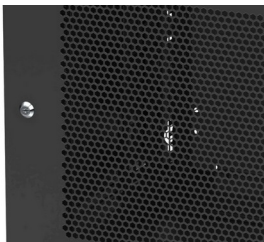
Pro Series Wall Mount Racks

Penn Elcom's Pro Series Wall Mount Racks are pre-assembled, space-saving rack cabinets ideal for AV, networking, IT, studios, offices, retail installations, and home network setups. Made from robust steel and available in 250mm, 450mm and 600mm depths and 6U, 9U, 12U and 18U sizes, every rack features adjustable M6 or 10/32 threaded rack rails, a lockable polycarbonate or vented steel front door, and removable side panels for easy equipment access and installation, in a choice of black or white finish.



[Shop the full range at penn-elcom.com](http://penn-elcom.com)

Key features



Reversible front door

Removable hinge-pin lets the door open left or right hand. Polycarbonate or vented steel, both lockable.



Removable side door

Side panel comes off for equipment access, with an optional key lock.



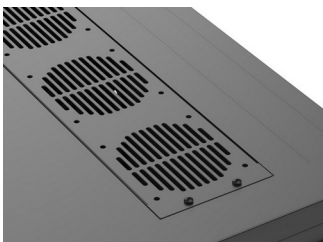
Threaded rack rails

M6 or 10/32 threaded rails, adjustable for depth. No clip nuts needed.



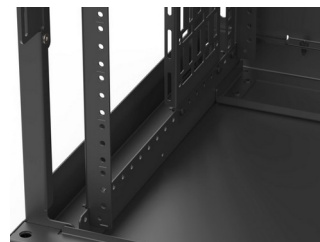
Integrated cable management

Built-in routing inside the rack, with knockouts at rear and base (plus a top knockout on 450mm and 600mm deep models).



Removable fan panel

2U panel, pre-punched to mount up to 3 fans, helping keep the rack cool.



Adjustable rack rails

Rails adjust for depth, so equipment of different sizes fits and cabling routes cleanly behind it.



Free-standing conversion

Optional F3000 adjustable steel feet let the rack sit on a desk, shelf or floor instead of the wall.



Black or white finish

Both finishes available across the whole range.

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Range overview

- 90 SKUs in total across three depths: 250mm (24 SKUs, 6U/9U/12U only), 450mm (32 SKUs, 6U/9U/12U/18U), 600mm (32 SKUs, 6U/9U/12U/18U), plus the F3000 feet and R64/R66-SCREW-PACK accessories.
- All are 600mm / 23.62" wide, wall mount as standard (free-standing feet sold separately).
- Two separate part number schemes are in use, one for the 250mm range and a different one for 450mm and 600mm.
- Part number logic, 250mm range (R6425/R6525 series): R64 = M6 rails, R65 = 10/32 rails, both followed by "25". Add V for vented door. Suffix K = black, W = white. Example: R6425V-12UK.
- Part number logic, 450mm/600mm range (R6400/R6600 series): R64 = 450mm deep, R66 = 600mm deep, followed by a 2-digit size code (06, 09, 12, 18). Add V for vented door, W for white (as "-W" if vented, or "W" if not), then a rail suffix of "-M6" or "-1032". Example: R6412V-W-1032 is a 450mm deep, 12U, vented, white, 10/32 rail rack.
- Sits within Penn Elcom's wider Pro Series range, alongside the enclosed server rack enclosures and open tower racks.

Specifications common to the full range

Attribute	Detail
Range	Pro Series wall mount racks: R6425/R6525 series (250mm deep), R6400 series (450mm deep), R6600 series (600mm deep)
Depth options	250mm / 9.84", 450mm / 17.72", 600mm / 23.62"
Width	600mm / 23.62" (19" standard rail width)
Sizes	6U, 9U, 12U (all depths); 18U (450mm and 600mm deep only)
Rail options	M6 threaded or 10/32 threaded, all depths
Door options	Smoked polycarbonate (lockable) or perforated steel / vented (lockable)
Finish	Black or white
Load capacity	60.0kg / 132.3lb (all sizes and depths, per product pages)
Side panels	Removable side door, optional key lock (per manufacturer drawing)
Front door hinge	Removable hinge-pin, door can be fitted to open left or right hand
Assembly	Pre-assembled, ready to install
Mounting	Wall mount, bracket included; coach bolt kit sold separately (R64/R66-SCREW-PACK); wall bracket standoff 10mm / 0.39"
Cable management	Integrated internal system; knockouts at rear and base only on 250mm deep models (no top knockout); 450mm and 600mm deep models add a top knockout too
Cooling	Removable 2U panel, pre-punched to mount up to 3 fans, helping keep the rack cool
Rack strip	Adjustable for depth, M6 or 10-32 UNF threaded, reversible for square hole
Rail hole spacing	451mm / 17.76" centre to centre (standard 19" EIA rack)
Free-standing option	F3000 adjustable steel feet (sold separately)
Materials	Steel enclosure; smoked polycarbonate window on poly door variant
Data sheets	media.penn-elcom.com/pdf/R6400-R6600 Series - Spec Sheet - Penn Elcom.pdf ; media.penn-elcom.com/pdf/R64-Instructions.pdf

Specifications by size and depth

Size	Height	250mm weight	450mm weight	600mm weight
6U	351.3mm / 13.83"	16.7kg / 36.8lb	21.0kg / 46.3lb	25.0kg / 55.1lb
9U	484.7mm / 19.08"	19.2kg / 42.3lb	25.0kg / 55.1lb	28.0kg / 61.7lb
12U	618mm / 24.33"	24.0kg / 52.9lb	28.0kg / 61.7lb	31.0kg / 68.3lb
18U	884.7mm / 34.83"	Not available (250mm)	34.0kg / 75.0lb	36.0kg / 79.4lb

Max usable depth: 208mm / 8.19" at 250mm deep, 408mm / 16.06" at 450mm deep, 558mm / 21.97" at 600mm deep.

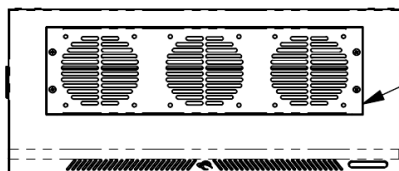
Load capacity is listed as 60.0kg / 132.3lb across all sizes and depths on the product pages, but this depends on the wall and fixings used, not just the rack itself.

Full SKU list: 250mm deep

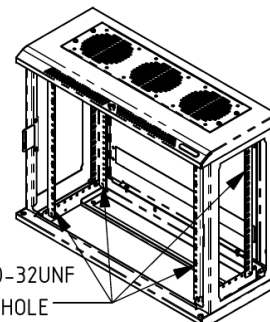
Part no.	Size	Height	Rail thread	Door type	Finish
R6425-6UK	6U	351.3mm 13.83"	M6	Polycarbonate	Black
R6425-6UW					White
R6425V-6UK				Vented steel	Black
R6425V-6UW					White
R6525-6UK			10/32	Polycarbonate	Black
R6525-6UW					White
R6525V-6UK				Vented steel	Black
R6525V-6UW					White
R6425-9UK	9U	484.7mm 19.08"	M6	Polycarbonate	Black
R6425-9UW					White
R6425V-9UK				Vented steel	Black
R6425V-9UW					White
R6525-9UK			10/32	Polycarbonate	Black
R6525-9UW					White
R6525V-9UK				Vented steel	Black
R6525V-9UW					White
R6425-12UK	12U	618mm 24.33"	M6	Polycarbonate	Black
R6425-12UW					White
R6425V-12UK				Vented steel	Black
R6425V-12UW					White
R6525-12UK			10/32	Polycarbonate	Black
R6525-12UW					White
R6525V-12UK				Vented steel	Black
R6525V-12UW					White

R6425 M6 & 1032

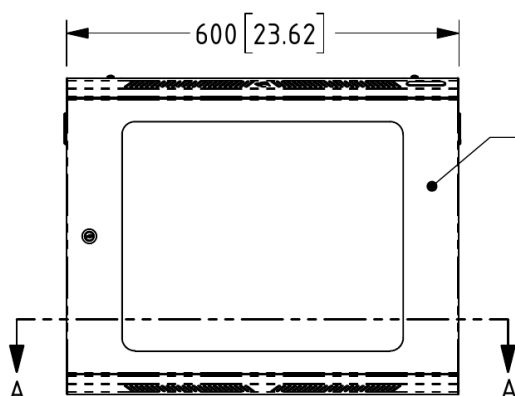
250mm / 10" WALL MOUNT RACK



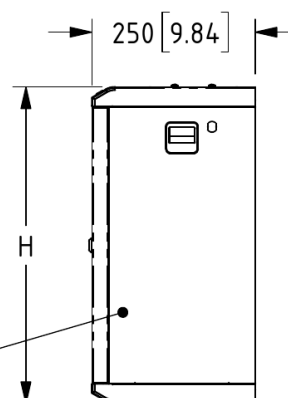
3U REMOVEABLE
FAN PANEL



ADJUSTABLE FRONT & REAR
RACK STRIP THREADED M6 OR 10-32UNF
CAN BE REVERSED FOR SQUARE HOLE



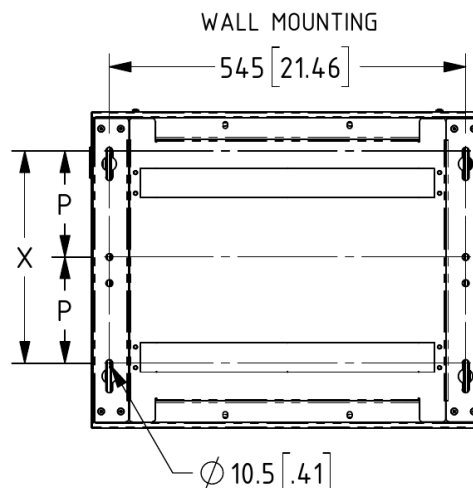
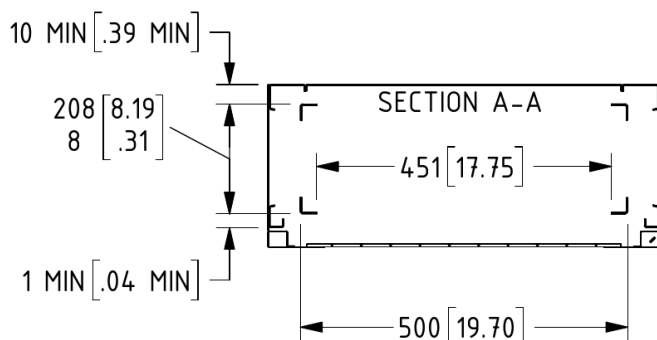
REMOVEABLE/REVERSABLE
DOOR WITH KEY LOCK
PLAIN, POLYCARBONATE OR VENTED



REMOVEABLE SIDE DOOR
WITH OPTIONAL KEY LOCK



1U KNOCK-OUT



Part No.	H	X	P
R6425-6U	351.3[13.83"]	190[7.48"]	95[3.74"]
R6425-9U	484.7[19.08"]	325[12.8"]	162.5[6.4"]
R6425-12U	618[24.33"]	460[18.11"]	230[9.06"]

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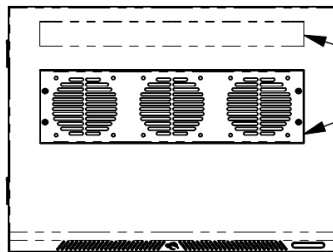
R6425-BASIC - 30.7.26 - James

Full SKU list: 450mm deep

Part no.	Size	Height	Rail thread	Door type	Finish
R6406-M6	6U	351.3mm 13.83"	M6	Polycarbonate	Black
R6406W-M6					White
R6406V-M6				Vented steel	Black
R6406V-W-M6					White
R6406-1032			10/32	Polycarbonate	Black
R6406W-1032					White
R6406V-1032				Vented steel	Black
R6406V-W-1032					White
R6409-M6	9U	484.7mm 19.08"	M6	Polycarbonate	Black
R6409W-M6					White
R6409V-M6				Vented steel	Black
R6409V-W-M6					White
R6409-1032			10/32	Polycarbonate	Black
R6409W-1032					White
R6409V-1032				Vented steel	Black
R6409V-W-1032					White
R6412-M6	12U	618mm 24.33"	M6	Polycarbonate	Black
R6412W-M6					White
R6412V-M6				Vented steel	Black
R6412V-W-M6					White
R6412-1032			10/32	Polycarbonate	Black
R6412W-1032					White
R6412V-1032				Vented steel	Black
R6412V-W-1032					White
R6418-M6	18U	884.7mm 34.83"	M6	Polycarbonate	Black
R6418W-M6					White
R6418V-M6				Vented steel	Black
R6418V-W-M6					White
R6418-1032			10/32	Polycarbonate	Black
R6418W-1032					White
R6418V-1032				Vented steel	Black
R6418V-W-1032					White

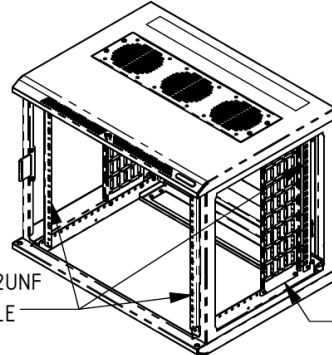
R6400 M6 & 1032

450mm / 18" WALL MOUNT RACK

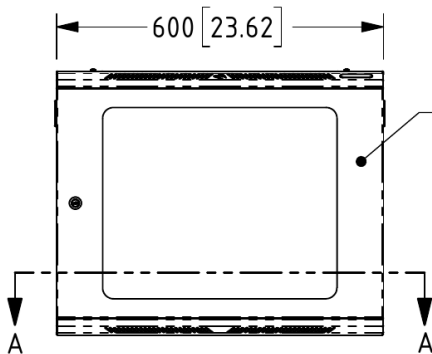


1U KNOCK-OUT
3U REMOVEABLE
FAN PANEL

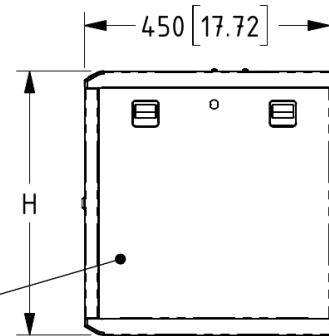
ADJUSTABLE FRONT & REAR
RACK STRIP THREADED M6 OR 10-32UNF
CAN BE REVERSED FOR SQUARE HOLE



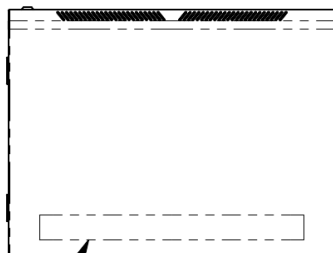
ADJUSTABLE
CABLE TRAY



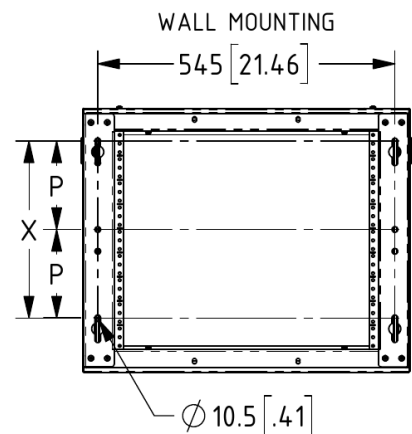
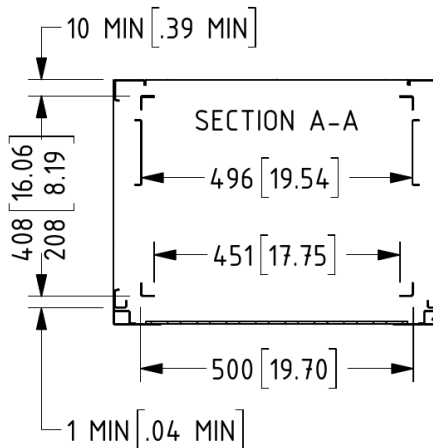
REMOVEABLE/REVERSABLE
DOOR WITH KEY LOCK
PLAIN, POLYCARBONATE OR VENTED



REMOVEABLE SIDE DOOR
WITH OPTIONAL KEY LOCK



1U KNOCK-OUT



Part No.	H	X	P
R6406	351.3[13.83"]	190[7.48"]	95[3.74"]
R6409	484.7[19.08"]	325[12.8"]	162.5[6.4"]
R6412	618[24.33"]	460[18.11"]	230[9.06"]
R6418	884.7[34.83"]	720[28.35"]	240[9.45"]

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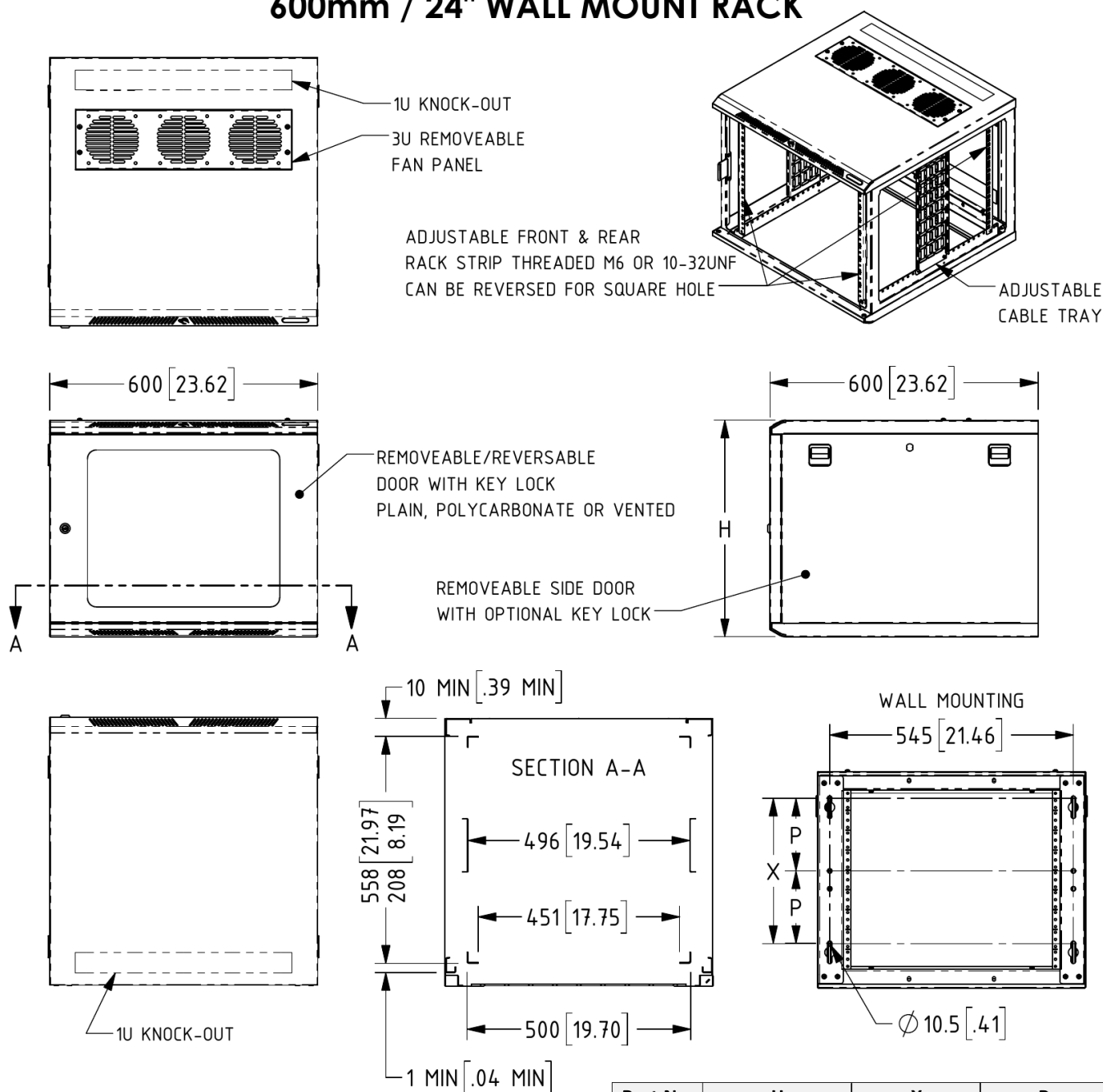
R64-BASIC - 5.5.26 - James

Full SKU list: 600mm deep

Part no.	Size	Height	Rail thread	Door type	Finish
R6606-M6	6U	351.3mm 13.83"	M6	Polycarbonate	Black
R6606W-M6					White
R6606V-M6				Vented steel	Black
R6606V-W-M6					White
R6606-1032			10/32	Polycarbonate	Black
R6606W-1032					White
R6606V-1032				Vented steel	Black
R6606V-W-1032					White
R6609-M6	9U	484.7mm 19.08"	M6	Polycarbonate	Black
R6609W-M6					White
R6609V-M6				Vented steel	Black
R6609V-W-M6					White
R6609-1032			10/32	Polycarbonate	Black
R6609W-1032					White
R6609V-1032				Vented steel	Black
R6609V-W-1032					White
R6612-M6	12U	618mm 24.33"	M6	Polycarbonate	Black
R6612W-M6					White
R6612V-M6				Vented steel	Black
R6612V-W-M6					White
R6612-1032			10/32	Polycarbonate	Black
R6612W-1032					White
R6612V-1032				Vented steel	Black
R6612V-W-1032					White
R6618-M6	18U	884.7mm 34.83"	M6	Polycarbonate	Black
R6618W-M6					White
R6618V-M6				Vented steel	Black
R6618V-W-M6					White
R6618-1032			10/32	Polycarbonate	Black
R6618W-1032					White
R6618V-1032				Vented steel	Black
R6618V-W-1032					White

R6600 M6 & 1032

600mm / 24" WALL MOUNT RACK

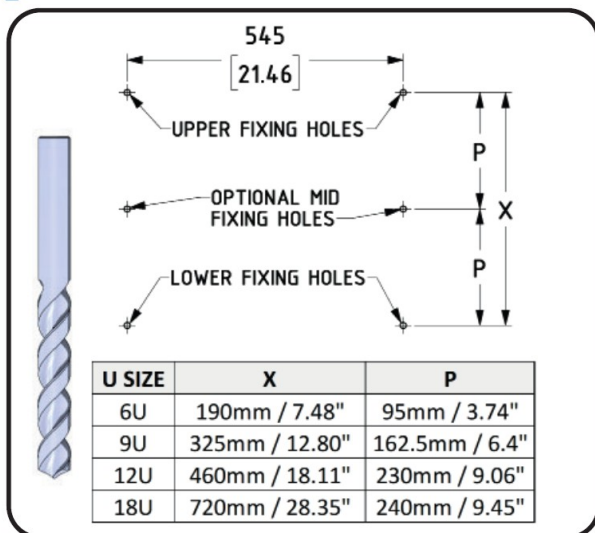


Part No.	H	X	P
R6606	351.3[13.83"]	190[7.48"]	95[3.74"]
R6609	484.7[19.08"]	325[12.8"]	162.5[6.4"]
R6612	618[24.33"]	460[18.11"]	230[9.06"]
R6618	884.7[34.83"]	720[28.35"]	240[9.45"]

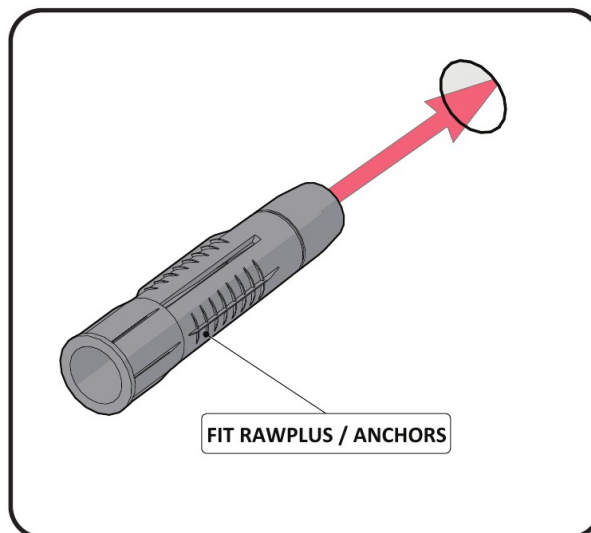
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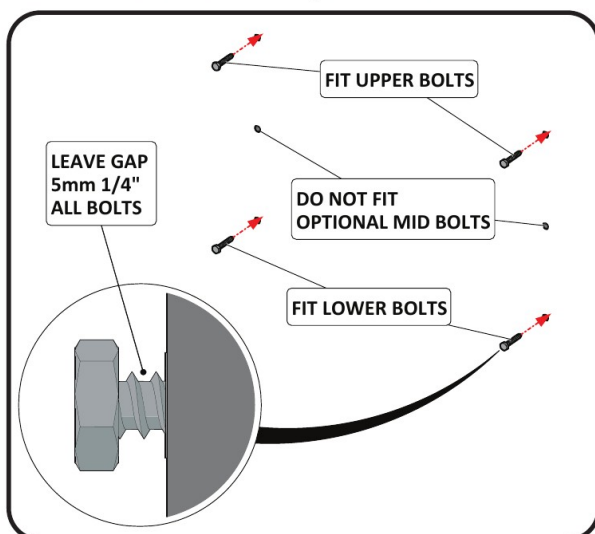
R66-BASIC - 5.5.26 - James



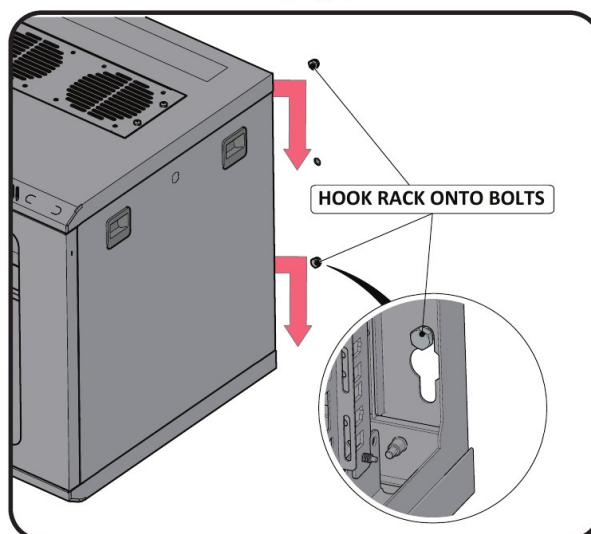
1. Drill Mounting Holes in Wall



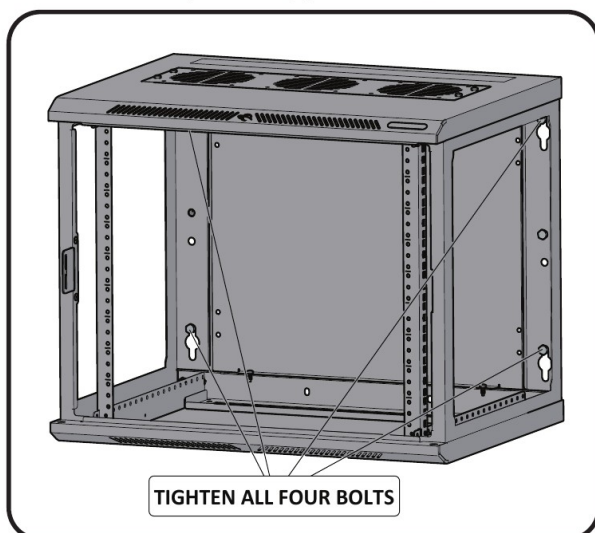
2. Insert Rawplugs / Anchors



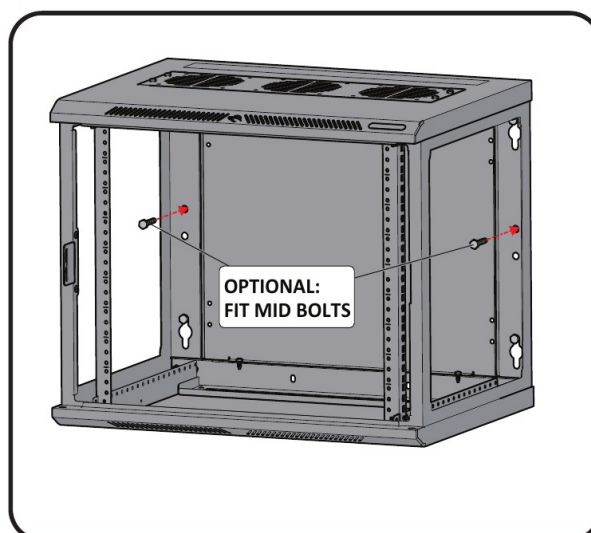
3. Partially Insert Upper and Lower Bolts



4. Hook Rack onto Bolts

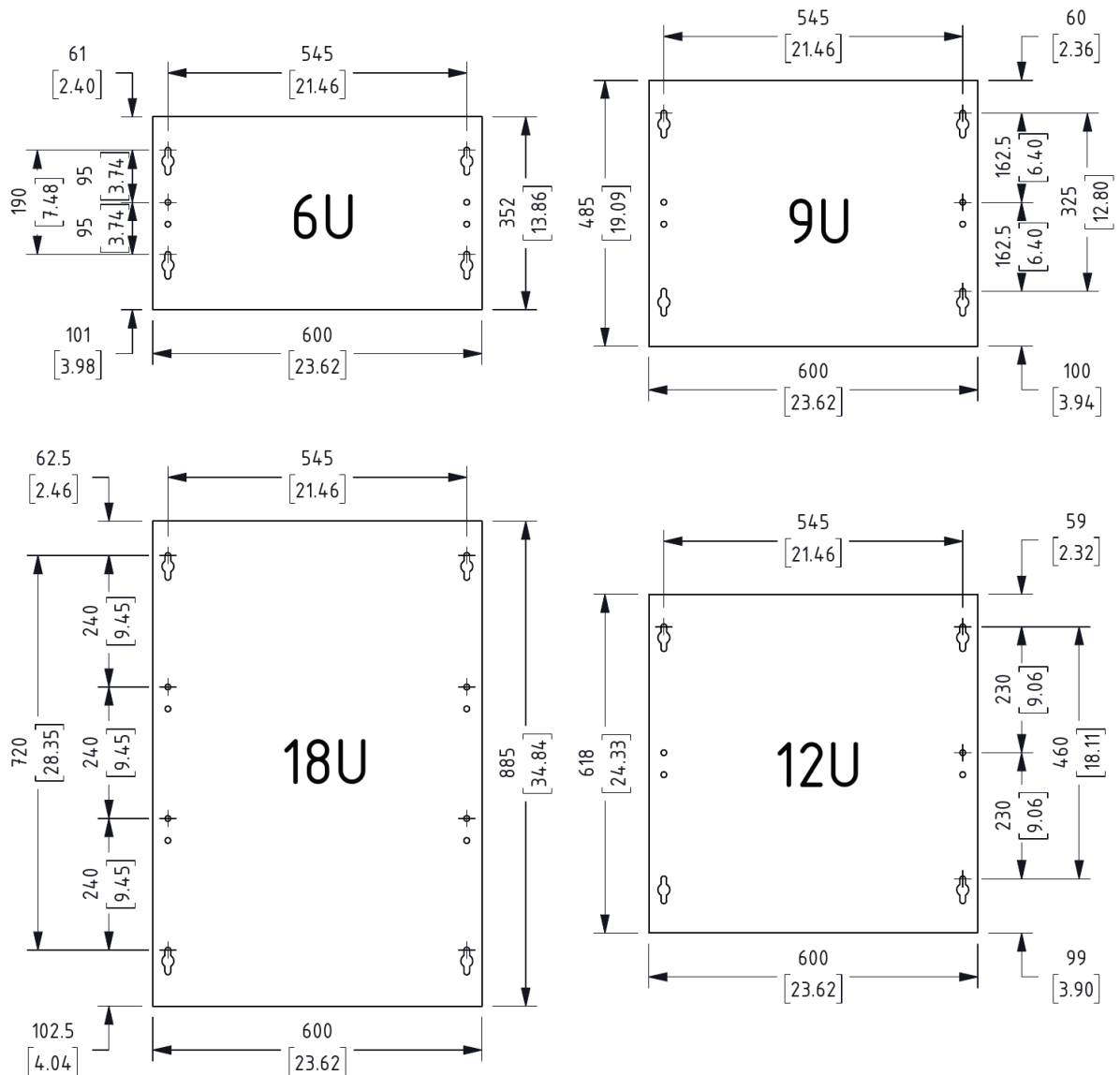


5. Open Rack and Tighten all Four Bolts



6. Optionally Fit Mid Bolts for Added Security

WALL MOUNTING DIMENSIONS



For more information, please visit
www.penn-elcom.com



R64-Instructions, V3, 18.8.25