

Eaton RA Series IT Rack

24U, 42U & 48U



Eaton's RA Series IT racks deliver advanced protection for critical IT equipment in network closets, small server rooms and data centre applications.

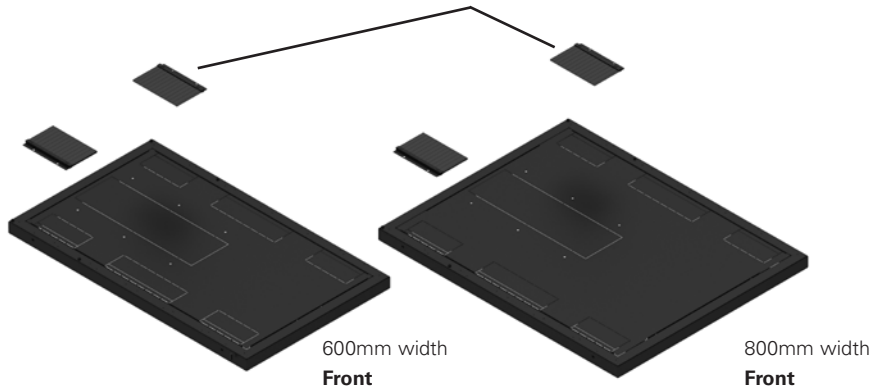
Designed for fast and easy set-up, the RA Series rack has features IT specialists need in an affordable ready-to-go rack system. Standard builds include load bearing castors (500kg dynamic load), jacking feet, locking front and rear doors, locking side panels, U-markings front and rear, 2 x 100mm cable trays in rear, 2 brush cable access points at top, baying kit and earth kit.

Standard racks include:

- Fully assembled rack frame with load-bearing castors and jacking feet.
- Four painted adjustable 19" mounting rails with unit height markings on front & rear.
- Enhanced cable trays facilitating Rack PDU mounting fitted at rear
- Top panel with 2 brush entries at rear.
- Perforated steel or glass front door.
- Split rear doors (on 800mm wide vented models) or single rear door (on 600mm wide models & solid steel rear door models).
- Swing handles with key lock front and rear.
- Locking side panels.
- Bolt-together / baying kit.
- Grounding kit.
- 2 years standard warranty.

Top panel configuration (1000D shown)

Brush panels (rear)



Technical specifications

Applicable to all in this range.

Rail Mounting Width	482.6mm (19") fully compliant to EIA-310-E
Static Load rating on jacking feet	1500kg evenly distributed
Dynamic Load rating on castors	500kg evenly distributed*
Colour	Black RAL 9005
Door opening angle	180° angle with non-bayed installations, left-hand hinged, field reversible. (160° for bayed racks)
Door perforation (vented door models)	67%
Glass specification (glass door models)	4mm clear toughened, conforms to EN12150-1
Regulatory approvals & standards	EIA-310-E, IEC / EN 60950, IEC / EN 60297-3-1-:2008, IEC 529
Protection class	IP20—when configured with doors and side panels
Warranty	2 years

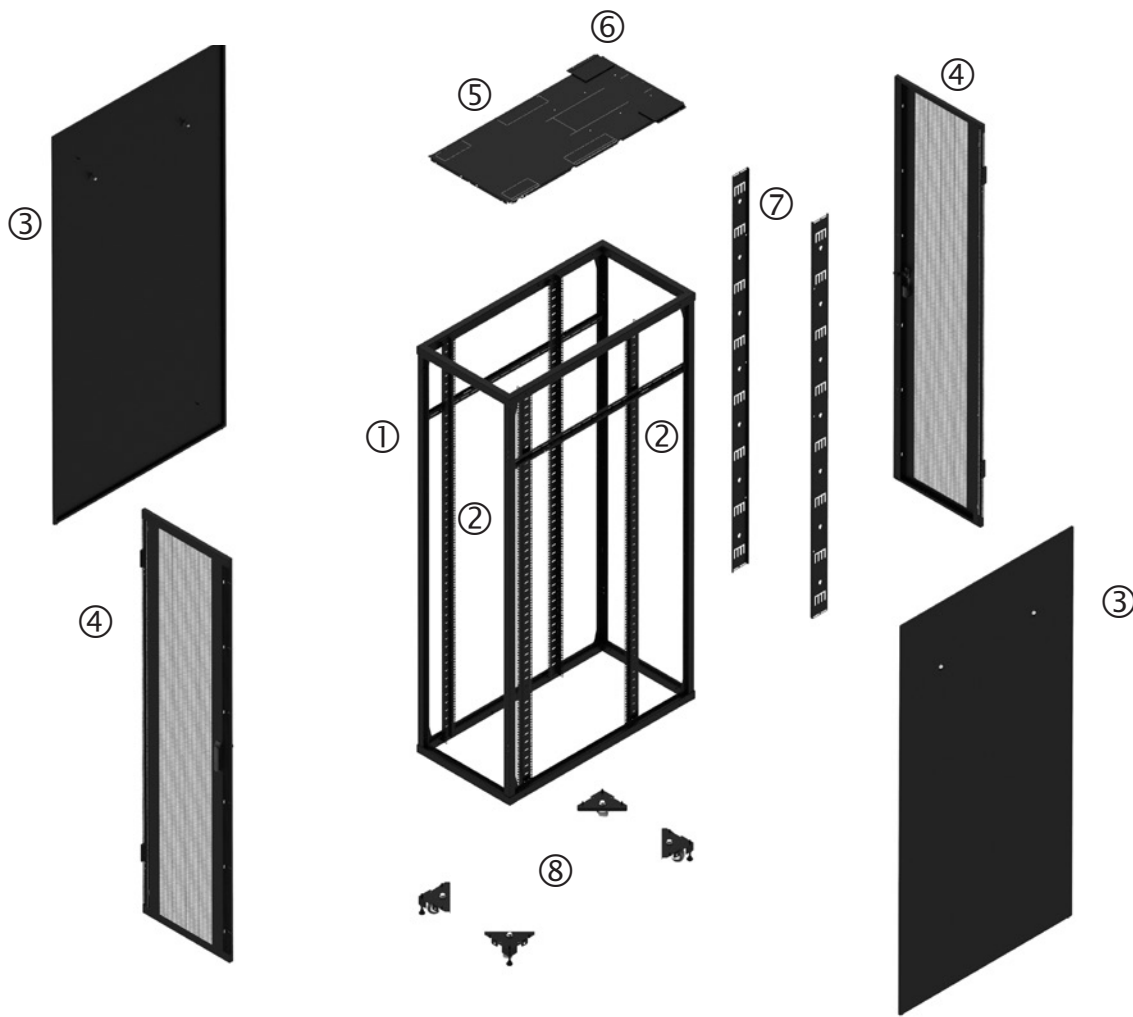
*500kg dynamic load rating is the total rolling weight of the rack including the installed equipment and is subject to the equipment load being evenly distributed at 20U height and below. Dynamic load relates to the movement of a rack within the same data centre on a smooth and level hard floor surface which is clear of any obstacles. Not suitable for transportation on a vehicle when loaded to this weight.



Powering Business Worldwide

Eaton RA Series IT Rack Technical Specifications

RA Series exploded view (600 wide vented door model shown);



① Rack frame

② 19" rails

③ Locking Side Panel

④ Locking Vented Door (split rear door on 800w)

⑤ Top Panel with push out cable access

⑥ Brush Strip Cable Access

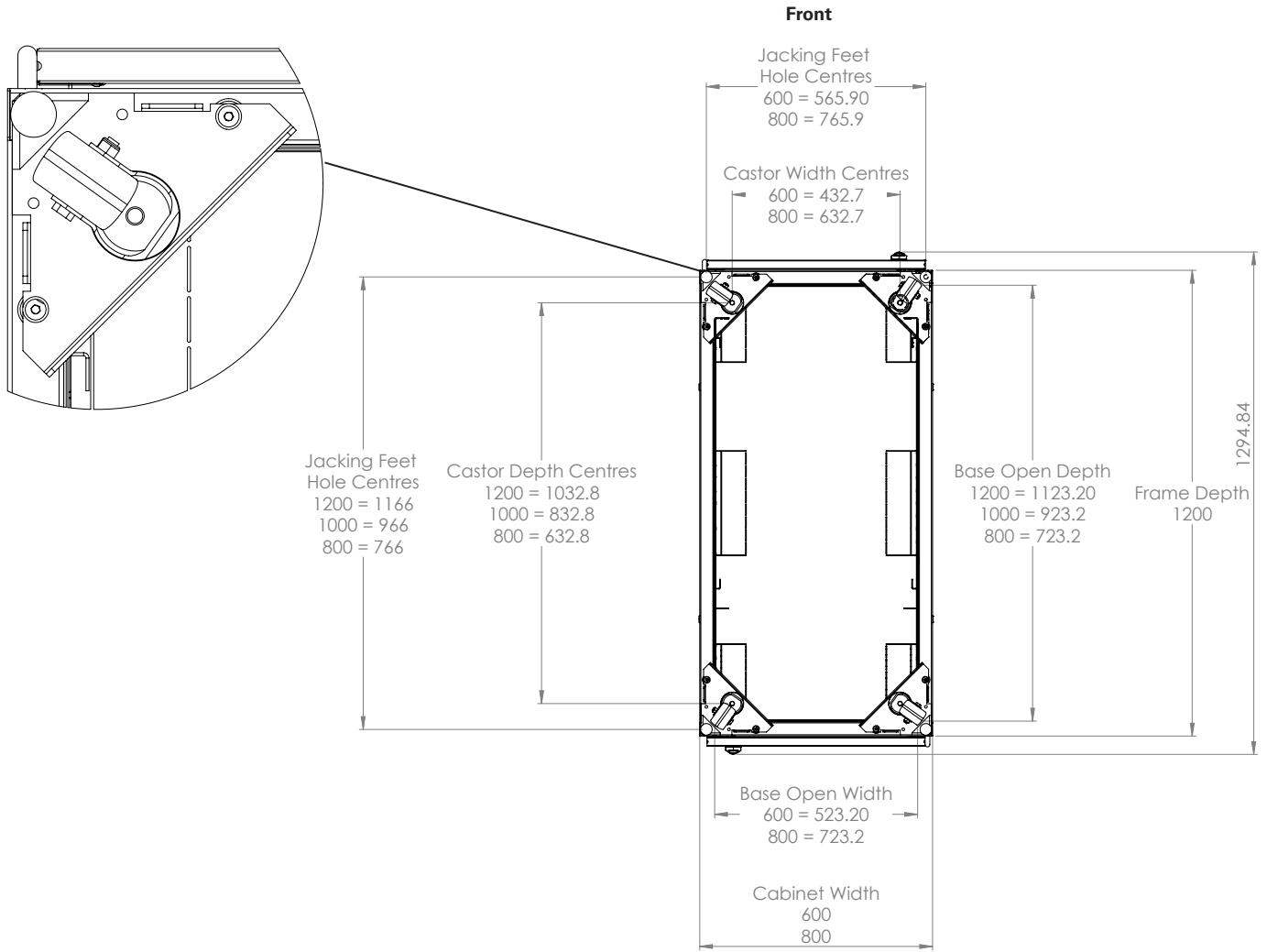
⑦ 100mm Cable Tray

⑧ Jacking Feet & Heavy Duty Castors (4 off)

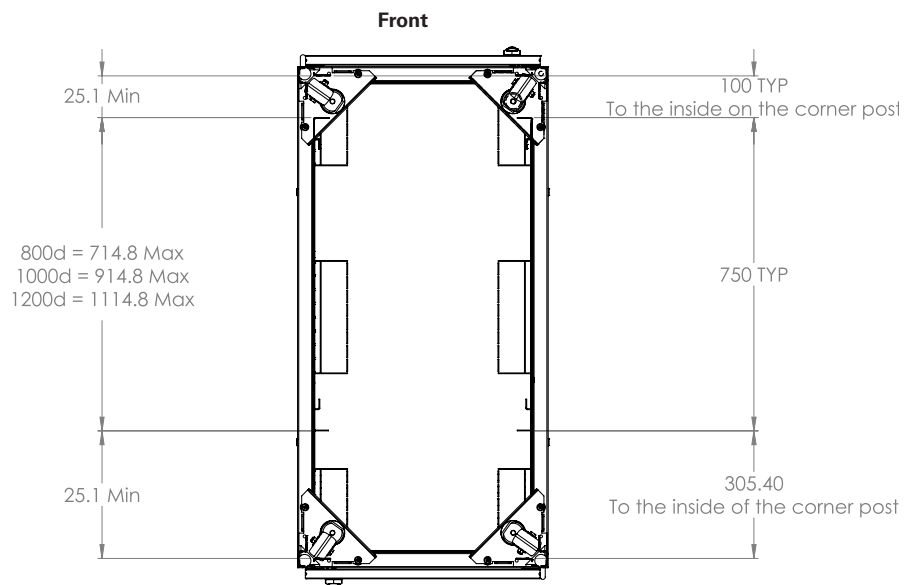
Due to continuous product improvement programs specifications are subject to change without notice.

Eaton RA Series IT Rack Technical Specifications

Base detail (based on 600 wide 1200 deep)



19" Mounting angle positions and depths.



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Eaton RA Series IT Rack Technical Specifications & Order Codes

Equipment mounting height	24U		24U		24U		42U	
Width & Depth (mm)	600W x 800D		600W x 800D		800W x 800D		800W x 1000D	
Order Code (Black finish)	RAA24608PSB13U	RAB24608PSB13U	RAA24610PSB13U	RAA24808PSB13U	RAB24808PSB13U	RAA24810PSB13U	RAA42608PSB13U	
Physical								
Height (castors fitted as standard)	1293mm	1293mm	1293mm	1293mm	1293mm	1293mm	2093mm	
Height (castors removed)	1267mm	1267mm	1267mm	1267mm	1267mm	1267mm	2067mm	
Width	600mm	600mm	600mm	800mm	800mm	800mm	600mm	
Depth (over cladding)	860mm	860mm	1060mm	860mm	860mm	1060mm	860mm	
Weight of assembled rack	64kg	73kg	78kg	73kg	86kg	88kg	84kg	
Front door—Perforated	Single		Single		Single		Single	
Front door—Glass	Single				Single			
Rear door—Perforated	Single		Single		Split		Split	
Rear door—Solid metal	Single				Single			
Max rail mounting depth with cable tray removed	714mm	714mm	838mm	714mm	714mm	914mm	714mm	

Equipment mounting height	42U		42U		42U		42U	
Width & Depth (mm)	600W x 800D		800W x 800D		600W x 1000D		600W x 1200D	
Order Code (Black finish)	RAB42608PSB13U	RAB42808PSB13U	RAA42610PSB13U	RAA42612PSB13U	RAA42808PSB13U	RAA42810PSB13U	RAA42812PSB13U	
Physical								
Height (castors fitted as standard)	2093mm	2093mm	2093mm	2093mm	2093mm	2093mm	2093mm	
Height (castors removed)	2067mm	2067mm	2067mm	2067mm	2067mm	2067mm	2067mm	
Width	600mm	800mm	600mm	600mm	800mm	800mm	800mm	
Depth (over cladding)	860mm	860mm	1060mm	1260mm	860mm	1060mm	1260mm	
Weight of assembled rack	92kg	108kg	98kg	107kg	95kg	110kg	120kg	
Front door—Perforated			Single		Single		Single	
Front door—Glass	Single		Single					
Rear door—Perforated			Single		Split		Split	
Rear door—Solid metal	Single		Single					
Max rail mounting depth with cable tray removed	714mm	714mm	914mm	1114mm	714mm	914mm	1114mm	

Equipment mounting height	48U		48U		48U		48U	
Width & Depth (mm)	600W x 800D		600W x 1000D		600W x 1200D		800W x 800D	
Order Code (Black finish)	RAA48608PSB13U	RAA48610PSB13U	RAA48612PSB13U	RAA48808PSB13U	RAA48810PSB13U	RAA48812PSB13U		
Physical								
Height (castors fitted as standard)	2360mm	2360mm	2360mm	2360mm	2360mm	2360mm	2360mm	
Height (castors removed)	2334mm	2334mm	2334mm	2334mm	2334mm	2334mm	2334mm	
Width	600mm	600mm	600mm	800mm	800mm	800mm	800mm	
Depth (over cladding)	860mm	1060mm	1260mm	860mm	1060mm	1260mm	1260mm	
Weight of assembled rack	91kg	104kg	114kg	102kg	118kg	127kg	127kg	
Front door—Perforated	Single		Single		Single		Single	
Front door—Glass								
Rear door—Perforated	Single		Single		Split		Split	
Rear door—Solid metal								
Max rail mounting depth with cable tray removed	714mm	914mm	1114mm	714mm	914mm	1114mm	1114mm	

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