

Eaton RA Series Aisle Containment

RA Series IT Racks



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, 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.

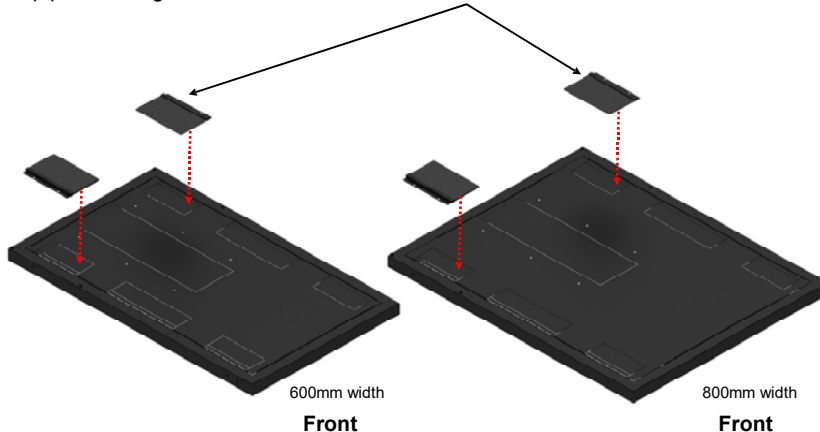
The RA Series racks all have the ability to be assembled within an aisle containment configuration with pre-fabricated end-of-row doors and horizontal roof panels which are also simple and quick to install.

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 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 year standard warranty.

Top panel configuration

Brush panels (rear)

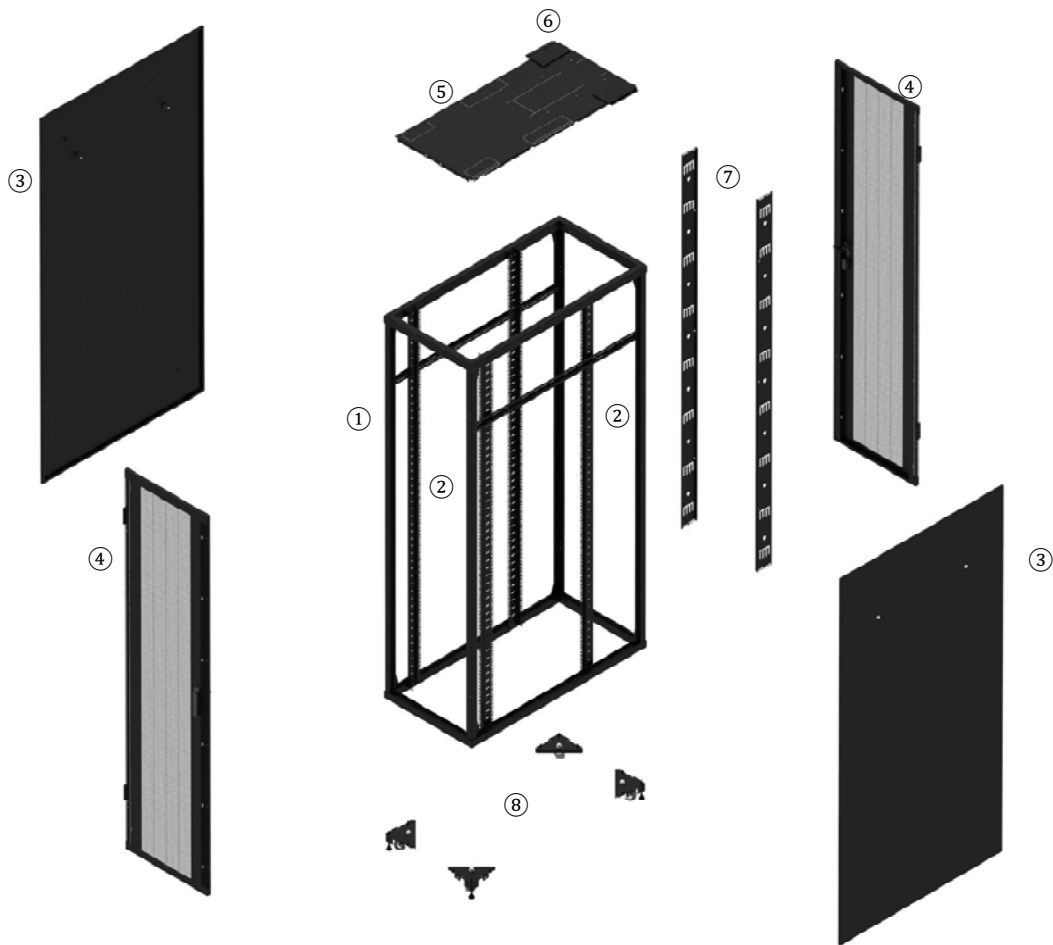


Technical specifications

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)
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

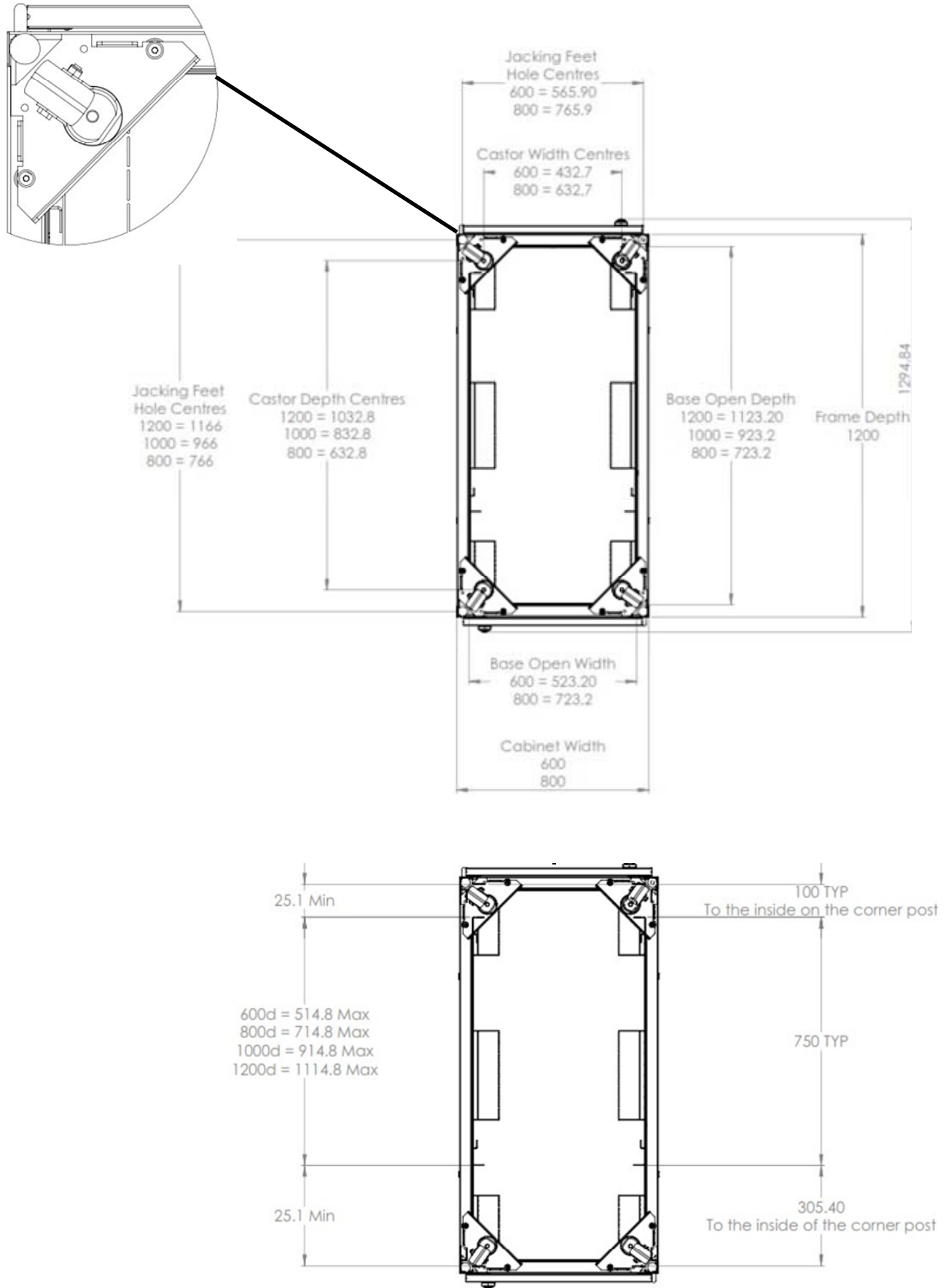
Eaton RA Series IT Rack Technical Specifications

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 800mm wide)
- ⑤ Top panel with push out cable access
- ⑥ Brush strip cable access
- ⑦ 100mm cable trays
- ⑧ Jacking feet & heavy-duty castors (4 off)

Eaton RA Series IT Rack Technical Specifications



Eaton RA Series IT Rack Technical specifications & Order codes

Height	24U	24U	24U	24U	24U	24U	42U
Width & depth (mm)	600W x 800D	600W x 800D	600W x 1000D	800W x 800D	800W x 800D	800W x 1000D	600W x 800D
Order Code (RAL9005)	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 (with doors)	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	Single
Front door—Glass		Single			Single		
Rear door—Perforated	Single		Single	Split		Split	Single
Rear door—Solid metal		Single			Single		

Height	42U	42U	42U	42U	42U	42U	42U
Width & depth (mm)	600W x 800D	800W x 800D	600W x 1000D	600W x 1200D	800W x 800D	800W x 1000D	800W x 1200D
Order Code (RAL9005)	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 (with doors)	860mm	860mm	1060mm	1260mm	860mm	1060mm	1260mm
Weight of assembled rack	92kg	108kg	98kg	107kg	95kg	110kg	120kg
Front door—Perforated			Single	Single	Single	Single	Single
Front door—Glass	Single	Single					
Rear door—Perforated			Single	Single	Split	Split	Split
Rear door—Solid metal	Single	Single					

Height	48U	48U	48U	48U	48U	48U
Width & depth (mm)	600W x 800D	600W x 1000D	600W x 1200D	800W x 800D	800W x 1000D	800W x 1200D
Order Code (RAL9005)	RAA48608PSB13U	RAA48610PSB13U	RAA48612PSB13U	RAA48808PSB13U	RAA48810PSB13U	RAA48812PSB13U
Physical						
Height (castors fitted as standard)	2360mm	2360mm	2360mm	2360mm	2360mm	2360mm
Height (castors removed)	2334mm	2334mm	2334mm	2334mm	2334mm	2334mm
Width	600mm	600mm	600mm	800mm	800mm	800mm
Depth (with doors)	860mm	1060mm	1260mm	860mm	1060mm	1260mm
Weight of assembled rack	91kg	104kg	114kg	102kg	118kg	127kg
Front door—Perforated	Single	Single	Single	Single	Single	Single
Rear door—Perforated	Single	Single	Single	Split	Split	Split