



The Eaton RS Enclosure

Simple to configure with
your power solutions



Powering Business Worldwide

Whether you have a network closet, server room, or multi-tenant data center, the Eaton RS Enclosure provides an easy-to-configure solution for IT equipment storage.

Through its flexible design and customizable device mounting options, the RS streamlines installation time and reduces costs. It also serves as the foundation of a complete data center infrastructure solution.

Highlights include:

- Power-optimized design
- Cable management solutions
- Physical security
- Pre-configured designs

Eaton offers 3 RS configurations to best meet your application, making it easy to choose the solution that best fits your needs. These include solutions for server, networking and colocation installations.



Server

A cost-effective base configuration with rack PDU mounting, airflow and cable management options.



Network

Server configuration also includes robust cable management solutions to manage medium-to-high density requirements.



Colocation

Provides the same high-quality configuration as the server option, but comes standard with a secure combination lock to help address security concerns.



Save time. Save money. Reduce risk.

As more companies shift mission-critical IT systems to virtualized infrastructures, data center professionals face increasing pressure to consolidate resources and lower costs. Eaton's RS Enclosure meets these challenges by providing flexible configurations across a range of environments, from small IT closets to MTDCs.

Save time.

Quickly install and adjust brackets for full- or half-height rack PDUs. The enclosure's seamless integration with Eaton ePDU™ G3 rack power distribution units makes installation easy.



Drop in your PDU



Run your cables through the top or bottom of the enclosure

Save money.

With cable and airflow management options available in each RS configuration, you can save money on cooling costs, as well as cable management accessories.



High-flow doors and maximized surface area:

Full front doors feature a 77 percent open perforation pattern for maximum air intake and exhaust. Doors can easily and toollessly be removed.



800 mm (31.5 in) 600 mm (23.6 in)



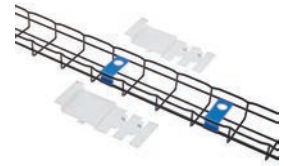
Brushes, grommets, vertical blanking:

The top panels are equipped with brush inserts for maximized cable and airflow management.



Blanking panels:

A range of blanking panel designs are available, including the popular tool-less plastic panels.



Basket Flextray with white mounting brackets, which are also available in black

Air dams:

To help ensure management of the hot/cold air zones, all RS enclosures have optional air dam kits. For the 600 mm (23.6 in) wide version, we offer flap seals. For the 800 mm (31.5 in) wide version, we offer brush style or vertical blanking panel options. All components with a cable pass-through, including top panels, side panels and vertical blanking panels, have grommets to help ensure minimal leakage around cables.

Reduce risk.

The new RS platform provides enhanced physical security—a major concern for MTDC applications. The highly secure combination lock protects valuable IT resources from internal and external threats.

RS offers three field-changeable lock options:



Key lock



Combo lock



HFID lock

RS Enclosure configurations support Eaton's industry-leading power management products and accessories, such as:

- The ePDU third-generation (G3) platform that provides best-in-class power management capabilities for data centers and colocation facilities
- ENERGY STAR® qualified 9PX UPSs, which maximize the availability of IT systems
- Intelligent Power Manager™ software that enables remote monitoring, management and control of operators' power infrastructure from a single interface

RS Enclosure technical specifications

| Catalog number | Application | H (U) x W x D* | Configuration | Color |
|--------------------------------|---------------------------------|--|--|----------------|
| Server | | | | |
| RSVHHWC | Server | H = 42, 45, 48 or 52 W = 6 for 600 mm (23.6 in); 8 for 800 mm (31.5 in) D = 0 for 1000 mm (39.4 in); 1 for 1100 mm (43.3 in); 2 for 1200 mm (47.2 in) C = B for black; W for white | Frame, rails (flush), locking sides, casters, top, full front door with swing handle, split rear doors with swing handle; PDU mounting brackets | Black or white |
| RSVNSHHWC | Server – no sides | H = 42, 45, 48 or 52 W = 6 for 600 mm (23.6 in); 8 for 800 mm (31.5 in) D = 0 for 1000 mm (39.4 in); 1 for 1100 mm (43.3 in); 2 for 1200 mm (47.2 in) C = B for black; W for white | Frame, rails (flush), casters, top, full front door with swing handle, split rear doors with swing handle; PDU mounting brackets | Black or white |
| Networking | | | | |
| RSNHHWC | Networking | H = 42, 45, 48 or 52 W = 6 for 600 mm (23.6 in); 8 for 800 mm (31.5 in) D = 0 for 1000 mm (39.4 in); 1 for 1100 mm (43.3 in); 2 for 1200 mm (47.2 in) C = B for black; W for white | Frame, rails (recessed to accommodate cable management), vertical cable managers with fingers – front and rear; locking sides, casters, top, full front door with swing handle, split rear door with swing handle; PDU mounting brackets | Black or white |
| Colocation | | | | |
| RSCHHWDC | Colocation | H = 42, 45, 48 or 52 W = 6 for 600 mm (23.6 in); 8 for 800 mm (31.5 in) D = 0 for 1000 mm (39.4 in); 1 for 1100 mm (43.3 in); 2 for 1200 mm (47.2 in) C = B for black; W for white | Frame, rails (flush mount on front), locking sides, casters, top, full front door with combo lock, split rear door with combo lock; PDU mounting brackets | Black or white |
| Key accessories | | | | |
| Air dams | | | | |
| RSAIRD600HH | For 600 mm (23.6 in) enclosures | HH = 42, 45, 48 or 52 | Air dam flex gasketing kit | N/A |
| RSAIRD800HH | For 800 mm (31.5 in) enclosures | HH = 42, 45, 48 or 52; C = B for black; W for white | Air dam flex gasketing with vertical blanking panels and grommets | Black or white |
| PDU brackets | | | | |
| RSPDUMTGB | Standard PDU bracket | For all enclosures | Additional PDU brackets for mounting on second side or for half height rack PDUs | Black |
| RSPDU9MTGC | Standard PDU mounting | For 800 mm (31.5 in) wide enclosures only | Rack PDU brackets to install behind rear rails on 800 mm (31.5 in) wide enclosures; accommodates two rack PDUs facing rear | Black or white |
| Vertical cable managers | | | | |
| RSCMFHHU | For all enclosures | Vertical cable management fingers HH = 42, 45, 48, 52 | Kit of fingers for vertical cable management; fingers attach to square hole rails; may be used on 600 mm (23.6 in) or 800 mm (31.5 in) enclosures | Black |
| RCVCMHHB | For 800 mm (31.5 in) enclosures | High density cable manager HH = 42, 45, 48, 52 | High density cable manager with two rows of fingers and a cable management door; mounting brackets; for use with 800 mm enclosures/square hole rails | Black |
| Anchor brackets | | | | |
| RSANCC | For all enclosures | Anchor brackets | Anchor brackets for floor anchorage; meets IBC seismic requirements; refer to seismic analysis for loading and anchorage specification | Black or white |

*This column does not list actual part numbers but it does show how to configure a part number.

For more information, visit
Eaton.com/RSEnclosure

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