



# Ritherdon RB Cabinets

## Data Sheet

The RB range of electrical enclosures was initially developed with the street lighting and highways industries in mind; however, their highly flexible, modular design means they are suitable enclosures for protecting electrical and/or electronic equipment in the most inhospitable external environments (fabricated from stainless steel as standard).



RB Cabinets are available in a number of sizes to suit all requirements.

\* optional plinth pictured

Enclosure	Width (mm)	Height (mm)	Depth (mm)	Backboard (mm)	No. of Doors	Weight (kg)
RB460	460	1125*	260	930 x 405	Single	32
RB600	600	1125*	330	930 x 545	Single	41
RB800	800	1125*	380	930 x 745	Single	56
RB1000	1000	1125*	380	930 x 945	Single	62
RB1250	1250	1125*	430	930 x 1195	Double	85
RB1550	1550	1125*	430	930 x 1495	Double	95

\* 2° slope to the back of cabinet; excluding plinth height of 300 mm.

### Features and Benefits:

- A cost-effective alternative to a GRP enclosure – suitable for LV Switchgear
- Open at the bottom for cable entry
- Optional plinth available – depending on installation preference. Cabinet can be bolted onto a suitable concrete base. (See installation instructions for details of recommended concrete base)
- 180° door opening for better access
- Fully sealed door aperture using composite EPDM sealing strip, self-grip
- Fitted with a 12mm thick exterior grade plywood backboard
- Two 8mm Tri-Key Camlocks (Key operated camlocks available)
- Standard colours at no extra cost (Black, Light and Dark Grey, and Dark Green)
- Earth lead between doors and body



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### Technical information:

- CE marked in accordance with the Low Voltage Directive 2006/95/EC
- Test Standards: BS EN 62208:2011 Empty Enclosures for low-voltage switchgear and controlgear assemblies
- 25-year warranty on all Ritherdon Stainless Steel Products
- High Quality Powder Coated finish to a minimum thickness of 50 microns
- IP rated 46 (where ventilation louvres are not included): 4 = protected against solid objects greater than 1mm dia; 6 = protected against powerful jets of water.
- IP rated 24 (where ventilation louvres are included): 2 = protected against solid objects greater than 12.5mm dia; 4 = protected against water splashing against the enclosure
- IK rated 10 – will withstand 20 joules impact (5kg weight dropped 400mm)
- 2° sloped roof as standard
- Detachable lifting lugs
- Made using 2mm thick stainless steel – choose from the following:

Inland	Harsh Environment	Coastal (Marine)
Grade 4003 (standard)	Grade 304	Grade 316

*(See "Properties of Stainless Steel Pillar Products" in our Technical Information Library)*

### Optional Features:

- Shelves
- Document Pockets
- Access panels
- Cable entry holes in the doors
- 19" rack angles (Not RB460)
- Extra ventilation – filtered if necessary
- Cooling fans
- Light (always on or switched)
- Heater
- Consumer unit
- Plinth

### Other Useful Information from our Technical Information Library on the website:

- [Installation Instructions](#)
- [How to Seal the bottom of a cabinet](#)
- [Declaration of performance RB Cabinet - single door](#)
- [Declaration of Performance RB Cabinet - two door](#)
- [Properties of Stainless Steel Pillar Products](#)



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