



B&R Enclosures

Data ICT

Racks, Cabinets & Accessories

brenclosures.com.au

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Data ICT Racks & Cabinets

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IP66 Data ICT Cabinets

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About B&R Enclosures

Since 1955, B&R Enclosures has built a reputation for excellence in design and production, culminating in our position as Australia's largest enclosure manufacturer and electrical equipment integration specialist.

As an independent, 100% Australian family owned and operated business, we champion the virtues of quality, innovation, service and value. The emphasis on these aspects has sustained B&R's growth leading to Australian manufacturing and distribution facilities in Brisbane, Adelaide and Sydney and internationally in China and Saudi Arabia.

B&R's knowledge, precision, quality and unwavering commitment to creating repeatable solutions for our clients supports our position as preferred manufacturer for many private, government and commercial projects in some of Australia's harshest environments.

B&R champions the virtues of quality, service and value. Combined with our unrivalled industry and application knowledge, we are in a unique position to meet the needs of our clients. The business encompasses four divisions: Industrial, Data ICT, Hazardous Areas and Residential Commercial. Each division focuses on the unique needs of different market segments.

B&R regularly works with partners to provide integrated solutions for major infrastructure and mining projects. These include 'plug and play' switchboard solutions for Rio Tinto's Oyu Tolgoi mine, control stations for Ichthys on-shore LNG processing plant and Australia's NBN Rollout. Ongoing relationships and collaboration are results of our ability to articulate the customer's problem and combine previous experience and knowledge with compliance to local standards.

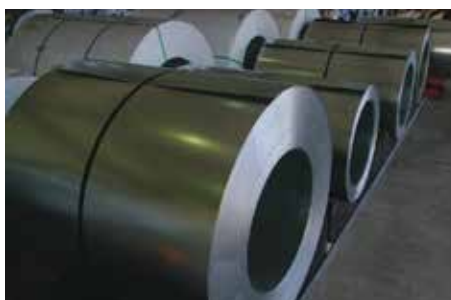
Electrical integration involves the installation, commissioning and testing of 3rd party components and we are adept at managing the acquisition and storage of technical components through a global supply chain that is structured, customised, agile, repeatable and results-based.

Project management and execution is effectively managed at B&R by the co-location of design, supervision, supply coordination and quality control along with manufacturing. Our incorporation of Industry 4.0 delivers real-time data to our project management teams, built around the requirements of individual projects.

Extensive investment in research and development includes an environmental testing facility focussing on climate control to support cooling solutions for equipment exposed to high ambient temperatures and solar radiation.

When utilised as designed, B&R's enclosures are built to out-perform against expectations.

Contact us today to find out how B&R can deliver reliable and trusted outcomes for your project.



Our Locations



B&R Enclosures have purpose-built manufacturing facilities in three locations across Australia, as well as strategic locations in the Gulf and China.



Australia

Brisbane (QLD)

Global head office, manufacturing, sales and warehousing

Sydney, NSW

Hazardous manufacturing, sales and warehousing

Adelaide, SA

Manufacturing, sales and warehousing

Townsville (QLD), Newcastle (NSW),

Melbourne (VIC), Perth (WA)

Sales and warehousing

Launceston (TAS), Darwin (NT)

Distribution

New Zealand

Auckland

Sales and warehousing

Saudi Arabia

Dammam

Hazardous manufacturing, sales and warehousing

China

Suzhou

Manufacturing, sales and warehousing

Our Capabilities

Over the years as the company has grown, we have invested significantly in machinery, technology and testing to be able to provide capabilities which our customers benefit from in every order they place. Our current capabilities include:

- Purpose-built Australian facilities in Brisbane (18,000m²), Adelaide (4,000m²) and Sydney (1,874m²), providing local labour and logistics
- Complete in-house design and engineering services to assist with creating custom solutions
- End-to-end manufacturing, from coiled steel raw material to commissioning the end product, we provide efficiency and complete quality control
- Variety of substrates and high quality finishes including stainless steel, powder coated and zinc to suit even the most demanding application
- Modern machinery for any design to be formed and fabricated including automated sheet metal panel benders, punching and shearing centres, electrical equipment integration lines, press brakes, powder coat lines, fabrication cells and assembly lines
- Fully documented process available with full configuration management to support a detailed documentation experience
- Complete project management including supply chain, warehousing and logistics
- In-house and external testing for hazardous area electrical equipment and impact, IP, type testing, static load, seismic, wind load, salt spray, line inspection, shock, vibration, EMC and MIL-STD
- Continuous improvement with our environmental testing facility for ongoing research and development
- Existing supply agreements with leading OEMs and major raw products distributors supporting loyal and valued relationships climate control and cooling solutions

Our Supply Strategies



Made to Stock

These products are available ex stock from all our sales & warehousing branches. Contact your local sales representative to discuss requirements.



Assembled-to-Order

These products are assembled to order upon receipt of a customer order. All components required to build an ATO item cannot be sold separately and must form part of a kit. Standard lead time is 4-6 weeks from date of order.



Made to Order

These products are manufactured according to a customer's specification. They are marked in our catalogues as "▲ Available on request" and have a standard lead time of 2-3 weeks.



Engineered-to-Order

These products are a custom designed product that is 100% fit-for-purpose, delivered on-site and ready for installation. Our design & engineering team can customise an enclosure to suit the application requirements. Contact us for more information.

Customisable Project Services



Collaboration

- Convert customer requirements to product build specifications
- Work to customer delivery schedule
- Initiate procurement or consignment of stock allocations
- Supply of equipment configuration

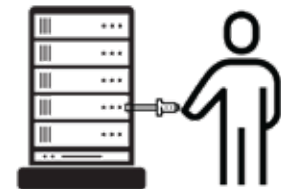


Complete Project Management

- One point of contact
- Responsive communication channels
- DIFOTIS - Delivered In Full On Time In Specification
- Accountability for the delivery of our commitment to customers

Electrical & Equipment Integration

- Wiring and equipment installed to exact requirements
- Management of free issue, consigned and/or B&R sourced components and equipment
- Stock reporting and job allocation



Testing & Reporting To Customer Specifications

- Digital reports of product testing and acceptance
- Serialised codes to customer requirements, digital signature, component traceability and unique identifiers
- Real time quality assurance authorisation, approval and confirmation

Customer Specific Logistics

- Storage and warehouse management
- Site delivery logistics
- Option for removal of product packaging after installation



The B&R Engagement Loop (Project Services)

In order to engage successfully with our project customer's, B&R representatives follow a structured service plan.

We take our responsibility seriously, and pride ourselves on the collaborative and open relationships we undertake with our project customers. This makes sure we understand and provide value, because our customer's needs vary greatly across the different types of project applications and technical requirements.

1. Our first action before we reach out or after a customer had reached out to us, is to **INVESTIGATE**. This includes researching the customer/ project and any other relevant stakeholders.
2. The second action of **UNDERSTAND** is when we speak to the customer at length about their issue and challenges for current and future projects. From these discussions we can begin to see how our product solutions can solve the customer's issues and challenges.
3. We take our newly acquired customer knowledge back to our in-house design, engineering and estimating teams for our third action to **SCOPE** the work, and prepare quotes and drawings as required.
4. Once we have created the tailored offer for the customer we process any variations which might be needed before our fourth action of **AGREE**. With everything signed off we move into manufacturing and equipment integration.



5. Once the product solution is ready our fifth action of **DELIVER** takes place. We make sure the goods are shipped to site according to agreed upon timelines.
6. To learn from our experience and confirm our service level we take an **EVALUATION** action. This is when we reflect on the job we've completed and depending on the size and extent of the order we will seek customer feedback as well.

Rack & Cabinet Selector

With over 200 data racks and cabinets to choose from including complete solutions, we know the choice can be difficult.

B&R's 'Data Rack & Cabinet Selector' means you can quickly and effectively choose the right Data enclosure for your application in 3 Easy Steps.

Go to brenclosures.com.au/data-rack-selection/

1. Answer a couple of easy multi-choice questions about your application
2. Click the choice to see detailed information on sizing and technical aspects
3. Enquire about pricing and where to buy it.

Place your order and your rack could be on its way to you the same day.



Our Customers



Accreditations & Compliance

At B&R, quality and value are just the beginning. We strive to deliver quality products developed and manufactured by a team dedicated to excellence, backed by standards, approvals and industry accreditations.



ISO 9001:2015

Every B&R Enclosures manufacturing facility is externally audited to ensure that the quality of our products meet the stringent ISO9001 standards. B&R's products are carefully inspected at the end of lines during the manufacturing process to ensure that the enclosures will withstand their intended environment and application.



ISO 14001:2015

Sets out the criteria for an environmental management system. It maps out a framework that a company or organisation can follow to set up an effective environmental management system.



ISO 45001:2018

An externally audited Occupational Health and Safety Management System.



RoHS

The RoHS directive aims to restrict certain dangerous substances commonly used in electronic and electronic equipment.



ASSDA

The Australian Stainless Steel Development Association provides comprehensive technical information on stainless steel. This includes information for users, equipment manufacturers and stainless steel suppliers.



- Suitable for housing networking equipment including patch panels, modems and routers.
- Wall mounted cabinets that are easy-to-install.
- Rear swing frame on selected models, allows maximum accessibility for maintenance.
- Load rating tested to AS62208-2006.
 - 60kg rating for 6RU and 9RU
 - 90kg rating for 12RU upwards
- Manufactured from 1.2mm SPCC rolled steel.
- Powdercoated textured Matt Black.

Comes standard with:

- Reversible swing frame
- Safety glass keylockable door
- Adjustable 19" mounting rails
- Fixed shelf (2 shelves on 18 & 24 RU models)
- Removable side panels with key locks coded to 92268



ORDERING GUIDE

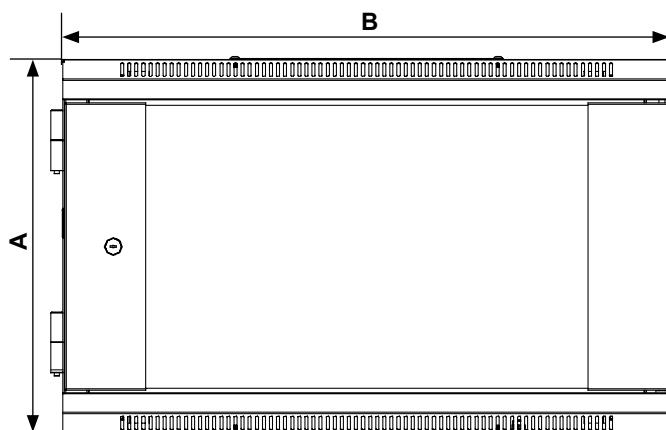
| Part Number | RU | External Dimensions (mm) | | | | | Mounting Centres (mm) | | Fixed Shelf | Weight (kg) |
|--------------|----|--------------------------|-----------|-----------|-----------------|-----------------|-----------------------|-----------|-------------|-------------|
| | | Height (A) | Width (B) | Depth (C) | Swing Frame (D) | Enclosure Depth | Height (E) | Width (F) | | |
| ARWX6U450NF | 6 | 370 | 600 | 450 | — | 450 | 220 | 450 | 1 | 18.0 |
| ARWX6U450 | 6 | 370 | 600 | 550* | 100 | 450 | 220 | 450 | 1 | 23.0 |
| ARWX9U450 | 9 | 500 | 600 | 550* | 100 | 450 | 350 | 450 | 1 | 27.0 |
| ARWX12U450NF | 12 | 635 | 600 | 450 | — | 450 | 485 | 450 | 1 | 24.0 |
| ARWX12U450 | 12 | 635 | 600 | 550* | 100 | 450 | 485 | 450 | 1 | 32.0 |
| ARWX12U600 | 12 | 635 | 600 | 700* | 100 | 600 | 485 | 450 | 1 | 38.0 |
| ARWX18U450NF | 18 | 905 | 600 | 450 | — | 450 | 755 | 450 | 2 | 30.0 |
| ARWX18U450 | 18 | 905 | 600 | 550* | 100 | 450 | 755 | 450 | 2 | 39.0 |
| ARWX18U600 | 18 | 905 | 600 | 700* | 100 | 600 | 755 | 450 | 2 | 45.0 |
| ARWX24U450 | 24 | 1175 | 600 | 550* | 100 | 450 | 1025 | 450 | 2 | 46.0 |
| ARWX24U600 | 24 | 1175 | 600 | 700* | 100 | 600 | 1025 | 450 | 2 | 52.0 |

* Includes depth of swing frame 100mm

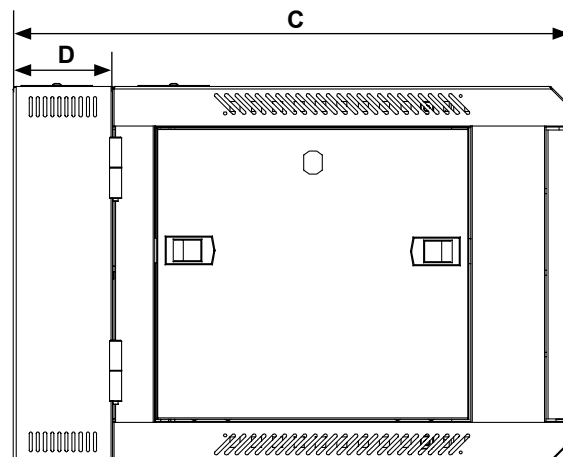
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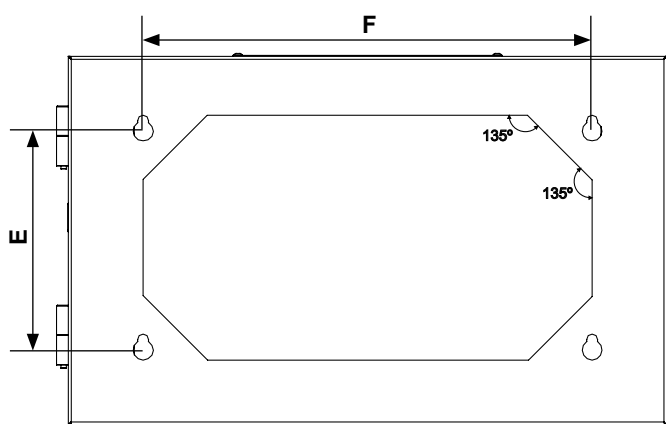
TECHNICAL DRAWINGS



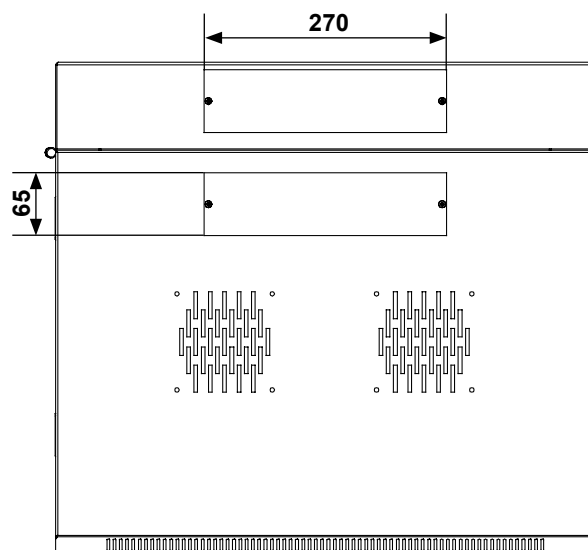
Front View



Side View



Rear View



Top View



- Suitable for housing networking equipment including patch panels, modems and routers.
- Load rating tested to AS62208-2006.
- Manufactured from SPCC rolled steel.
- Powdercoated textured Matt Black.

Comes standard with:

- Frame and 2 x removable side panels
- Tempered, tinted safety glass window front door and steel rear door both with key lockable swing handle (keyed to 92268)
- 4 x full height RU marked and notched mounting rails
- Fixed shelf (22RU) or shelves (2 on 32RU and 3 on 42RU & 45RU)
- 10-way Australian 3-Pin power rail (horizontal)
- Adjustable feet and braked castor kit
- Roof mounted fan unit with thermostat (2-way for ≤ 600mm deep, 4-way for 800 & 1000mm deep)
- 800mm wide cabinets only - 4 x full height vertical cable management systems with snap cover and internal cable rings



With castors.

ORDERING GUIDE

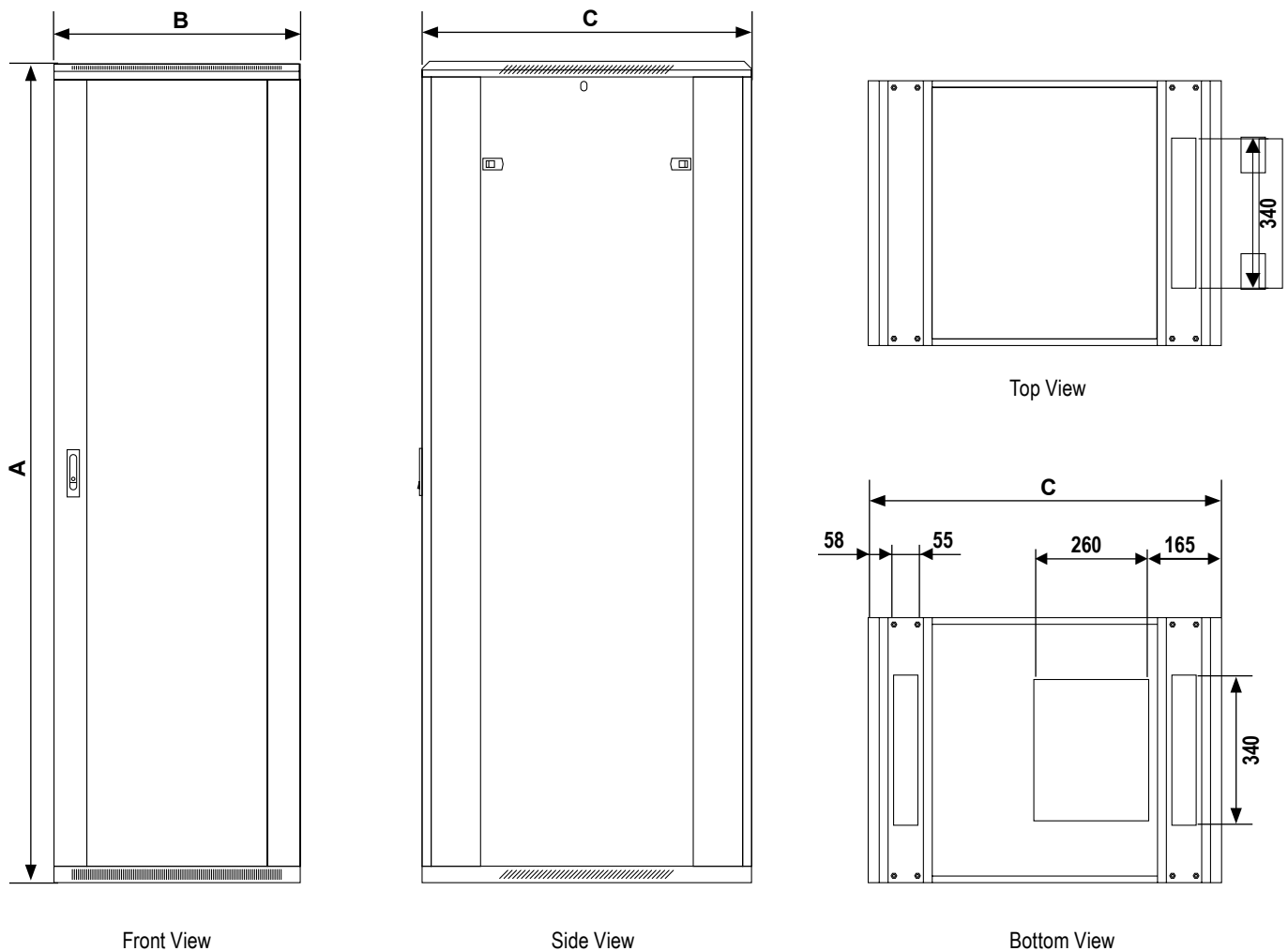
| Part Number | RU | Dimensions (mm) | | | | Fixed Shelf | Weight (kg) |
|-------------|----|-----------------|-----------|-----------|--------------|-------------|-------------|
| | | Height* (A) | Width (B) | Depth (C) | Total Height | | |
| ARFX60622U | 22 | 1115 | 600 | 600 | 1185 | 1 | 61.0 |
| ARFX60822U | 22 | 1115 | 600 | 800 | 1185 | 1 | 74.0 |
| ARFX60632U | 32 | 1550 | 600 | 600 | 1620 | 2 | 80.0 |
| ARFX60832U | 32 | 1550 | 600 | 800 | 1620 | 2 | 96.0 |
| ARFX61032U | 32 | 1550 | 600 | 1000 | 1620 | 2 | 107.0 |
| ARFX60642U | 42 | 1995 | 600 | 600 | 2065 | 3 | 97.0 |
| ARFX60842U | 42 | 1995 | 600 | 800 | 2065 | 3 | 105.0 |
| ARFX61042U | 42 | 1995 | 600 | 1000 | 2065 | 3 | 124.0 |
| ARFX81042U | 42 | 1995 | 800 | 1000 | 2065 | 3 | 168.0 |
| ARFX60645U | 45 | 2130 | 600 | 600 | 2200 | 3 | 107.0 |
| ARFX60845U | 45 | 2130 | 600 | 800 | 2200 | 3 | 115.0 |
| ARFX61045U | 45 | 2130 | 600 | 1000 | 2200 | 3 | 134.0 |
| ARFX81045U | 45 | 2130 | 800 | 1000 | 2200 | 3 | 175.0 |

* Height does not include feet or castors



Without feet or castors.

TECHNICAL DRAWINGS



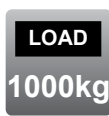
19" mounting rail setback is 110mm from front/rear of cabinet.

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anyX Floor Server

19 inch light duty server cabinets



- Suitable for use in large data room applications.
- Robust and fully featured server racking solution with free flowing movement.
- Load rating tested to AS62208-2006.
- Manufactured from
 - Frame - 2mm zinc coated steel
 - Panels - 1.2mm zinc coated steel
- Powdercoated textured Matt Black.

Comes standard with:

- Frame and 2 x removable side panels
- Mesh front door and split mesh rear doors
- Key lockable swing handle (keyed to 92268) on both front and rear doors
- 4 x full height RU marked and notched mounting rails
- 3 x fixed shelves
- Roof mounted 4-way fan unit with thermostat
- 10-way Australian 3-Pin power rail
- Adjustable feet and braked castor kit
- 20 x cage nuts and screws with insertion / removal tool
- 800mm wide cabinets only - 4 x full height vertical cable management systems with snap cover and internal cable rings

ORDERING GUIDE

| Part Number | RU | Dimensions (mm) | | | Total Height | Weight (kg) |
|-------------|----|-----------------|-----------|-----------|--------------|-------------|
| | | Height (A) | Width (B) | Depth (C) | | |
| ARSX60842U | 42 | 1995 | 600 | 800 | 2065 | 105.0 |
| ARSX61042U | 42 | 1995 | 600 | 1000 | 2065 | 124.0 |
| ARSX61242U | 42 | 1995 | 600 | 1200 | 2065 | 139.0 |
| ARSX80842U | 42 | 1995 | 800 | 800 | 2065 | 150.0 |
| ARSX81042U | 42 | 1995 | 800 | 1000 | 2065 | 168.0 |
| ARSX81242U | 42 | 1995 | 800 | 1200 | 2065 | 183.0 |
| ARSX60845U | 45 | 2130 | 600 | 800 | 2200 | 115.0 |
| ARSX61045U | 45 | 2130 | 600 | 1000 | 2200 | 136.0 |
| ARSX61245U | 45 | 2130 | 600 | 1200 | 2200 | 151.0 |
| ARSX80845U | 45 | 2130 | 800 | 800 | 2200 | 163.0 |
| ARSX81045U | 45 | 2130 | 800 | 1000 | 2200 | 178.0 |
| ARSX81145U | 45 | 2130 | 800 | 1100 | 2200 | 185.0 |
| ARSX81245U | 45 | 2130 | 800 | 1200 | 2200 | 193.0 |

* Height does not include feet or castors

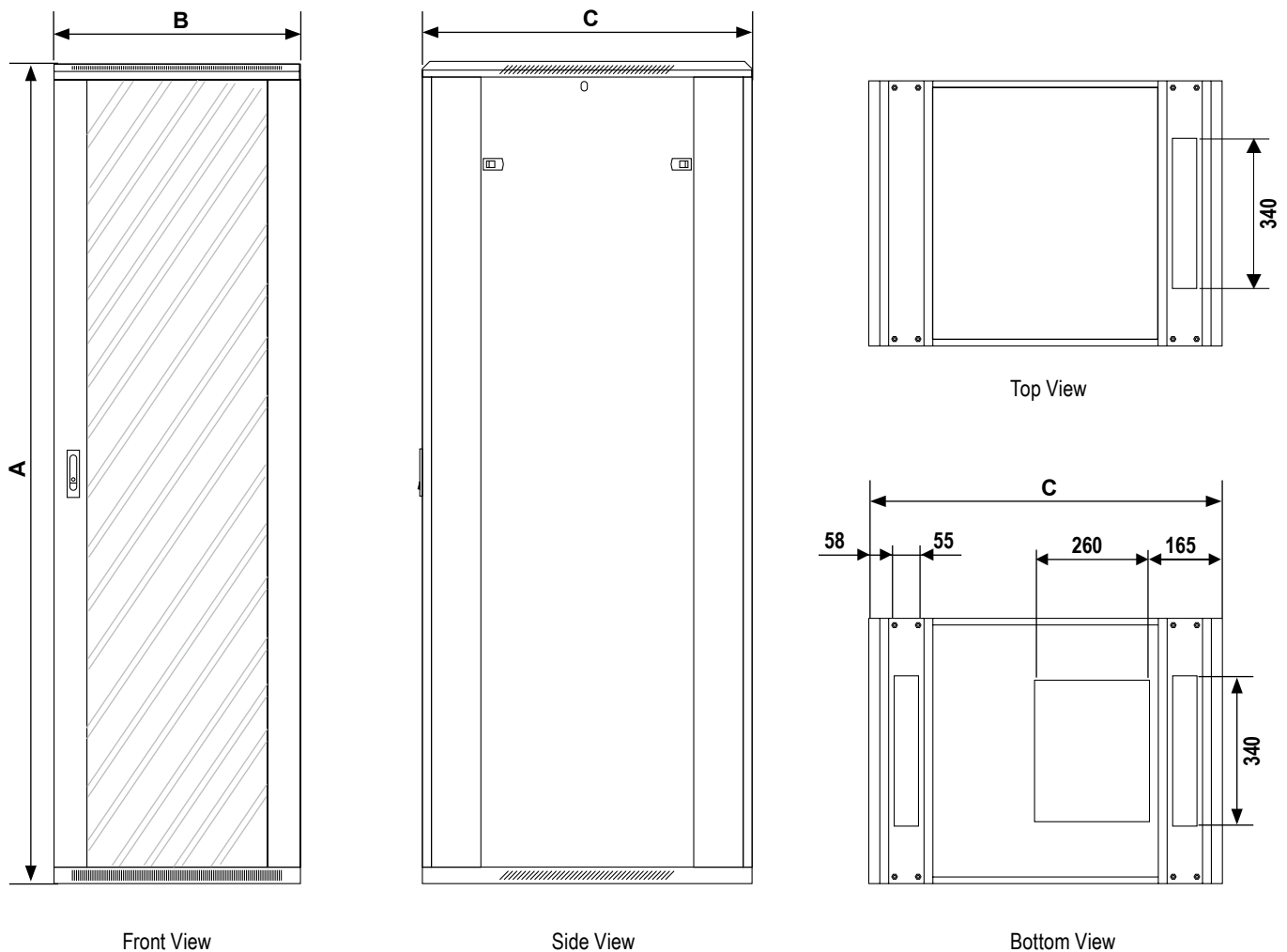



Shown with feet.



Door Mesh

TECHNICAL DRAWINGS



 Grey lines represent mesh area of the door.

19" mounting rail setback is 110mm from front/rear of cabinet.

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Ausrack Plus

Australian designed and manufactured

With a unique understanding of data applications, B&R manufacture and supply the highest quality 19" data racks and cabinets, providing the ultimate in flexibility.

B&R's range of data cabinets have been designed by industry experts to ensure the products are optimised for reliability, security and ease of installation.

From design through to manufacture, B&R do not compromise on quality. The best materials are used, to ensure the products maximum service life.

Some of the largest companies around the world use B&R as a major supplier. These include Telstra, NBN Co. and the Australian Government to name a few.

B&R offer a wide range of services to customise standard product, ensuring that a data solution is delivered ready for installation and 100% fit-for-purpose.

A wide range of accessories are also available and can be included in a data cabinet package to deliver a total solution, whatever your requirements.

Ausrack Plus has been designed to ensure ease of installation and flexibility in application. An essential platform for versatile computing solutions, Ausrack Plus has a high load rating and inset corner posts.



Access around sides of installed equipment – Inset corner posts and cable zones allow access around sides of the installed equipment, making the possibility of new installs and retro fitouts easy.



Over 30 cable entry points in top and bottom – With so many cable entry points in the top and bottom of the rack, it makes finding a location that suits your cabling requirements a breeze.



Combining accessories provides a total product solution – Combining the Ausrack Plus cabinets together with a cable zone system, you can quickly and easily create cable looms and cross cabinet cabling. Add in the Ausrack cable management systems and you have a clean install with maximum airflow to keep equipment cool.



Inset corner posts – A unique feature exclusive to B&R data products. Inset corner posts as close to the equipment as possible allows for the frame to be fully welded.



The ultimate in flexibility – With no corner posts to limit the size of the doors, the Ausrack Plus frames can have a full width door fitted. By using B&R's mesh doors, the equipment installed gets maximum airflow through the cabinet.



Convenience for you – **65mm base** in-built plinths provide a fixed base for the cabinet and also a working space underneath the cabinet for the cables, with removable access panels on 3 sides.

Ausrack Plus

Australian designed and manufactured



Ausrack Plus combines versatility and strength with easy-to-use features. Manufactured from zinc coated steel, these cabinets are available in a powdercoated textured Matt Black finish.

Ausrack Plus Frame has been designed for complete flexibility in medium to large data room applications. Able to be configured into suites and clad as per application requirements, the Ausrack Plus Frame is a versatile data rack solution.

Ausrack Plus Server is suitable for use in large data room applications requiring a robust and fully featured server racking solution, with free flowing airflow.

Ausrack Plus Network comes with a front reinforced tinted acrylic window door as standard, and can be used in similar applications to the Ausrack Plus Server.

With removable side panels, and front and rear mesh doors, the Ausrack Plus Server and Network cabinets are designed for versatility in applications.

Ausrack Plus is available with a wide range of accessories to suit any application requirements. Cable management can be incorporated into suites, available for all cabinets and frames. Designed to be mounted into the side of a cabinet, additional cable zones optimise accessibility and space available for cabling.

Further accessories available include

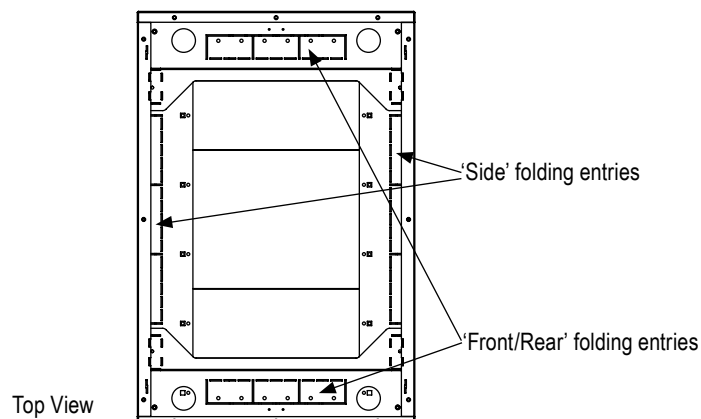
- privacy panels,
- fans and airflow efficiency products,
- shelves,
- earth bars and,
- power distribution options.

AUSRACK PLUS CABLE CAPACITIES

| | | Cable Capacity for Cable Entry Points | | | | | | |
|---------------------------|-------------------------------|---------------------------------------|------|-------|------|-------|-----------|-----------|
| | | Cat5e | Cat6 | Cat6e | Cat7 | Fibre | Power 10A | Power 15A |
| Diameter (mm) # | | 5.6 | 6.3 | 8.4 | 7.6 | 3 | 7 | 8.5 |
| Saturation * | | 60% | 60% | 60% | 60% | 70% | 20% | 20% |
| Cable Entries (per entry) | Ausrack Plus 600W / 800W side | 125 | 99 | 56 | 68 | 506 | 27 | 18 |
| | Ausrack Plus front/rear | 104 | 82 | 47 | 57 | 421 | 23 | 15 |
| | Ausrack Plus 50mm hole | 41 | 33 | 19 | 23 | 166 | 1 | 1 |

These are nominal values for the OD of cable as sizes may vary. B&R Enclosures does not accept liability for any errors within the above table.

* Recommended maximum cable saturation.



Ausrack Plus Frame 600 wide

19 inch frame

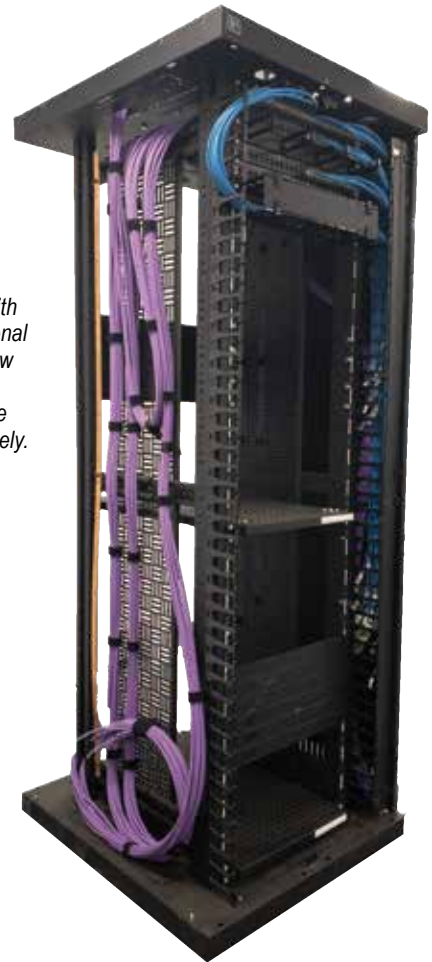


- Designed for complete flexibility in medium to large data room applications.
- Can be configured into suites and clad as per application requirements.
- Inset corner posts.
- 65mm in-built plinth.
- Manufactured from:
 - Frame – 1.6mm zinc coated steel
 - Rail – 2.0mm zinc coated
- Powdercoated textured Matt Black.

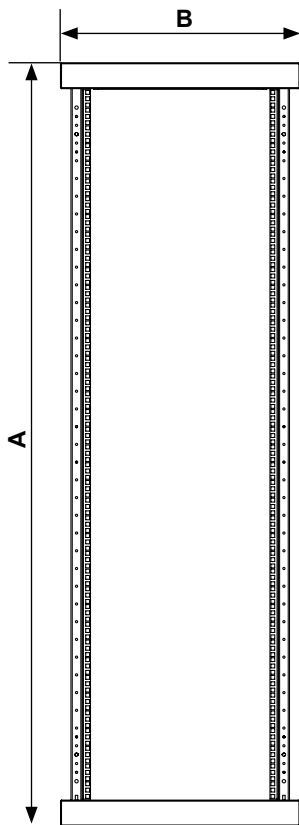
Comes standard with:

- 4 x RU marked adjustable mounting rails
- Flat top cover (18, 24 & 27RU)
- Top and Bottom Gland plates (40, 42, 45, 47 & 48RU)
- Bolt down brackets

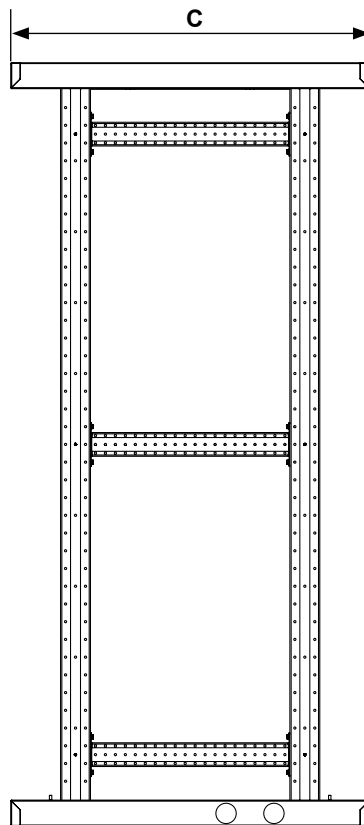
Frame is staged with cabling and additional accessories to show in-use application. Accessories can be purchased separately.



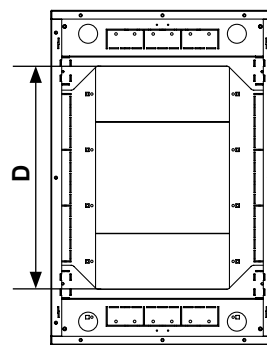
TECHNICAL DRAWINGS



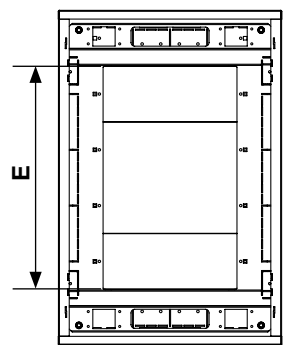
Front View



Side View



Top View



Bottom View

ACCESSORIES QUICK SELECTION

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| Brush Strips | 37 | Copper Earth Bars | 45 | PDU Brackets | 55 |
| Cable Management | 38 - 40 | Doors | 46 - 49 | Shelves | 56 - 57 |
| Cable Trays | 42 | Equipment Rails | 50 | Side Cladding (Panels) | 58 |
| Cable Zone Kits | 43 | Fans | 51 | Top Covers | 59 |
| Cable Zone Bases & Cover Panels | 44 | General Accessories | 52 | | |

Ausrack Plus Frame 600 wide

19 inch frame



ORDERING GUIDE

| Part Number | RU | Dimensions (mm) | | | | | Maximum Rail Depth [^] | Weight (kg) |
|------------------------|----|-----------------|-----------|-----------|--------------------|---------------|---------------------------------|-------------|
| | | Height (A) | Width (B) | Depth (C) | Cable Aperture (D) | Bolt Down (E) | | |
| AF18U606* [▲] | 18 | 936 | 600 | 600 | 300 | 251.1 | 456 | 43.0 |
| AF18U608* [▲] | 18 | 936 | 600 | 800 | 300 | 451.1 | 656 | 47.0 |
| AF18U609* [▲] | 18 | 936 | 600 | 900 | 600 | 551.1 | 756 | 50.5 |
| AF18U610* [▲] | 18 | 936 | 600 | 1000 | 600 | 651.1 | 856 | 53.0 |
| AF18U611* [▲] | 18 | 936 | 600 | 1100 | 750 | 751.1 | 956 | 55.0 |
| AF18U612* [▲] | 18 | 936 | 600 | 1200 | 750 | 851.1 | 1056 | 57.0 |
| AF24U606* [▲] | 24 | 1202 | 600 | 600 | 300 | 251.1 | 456 | 47.5 |
| AF24U608* [▲] | 24 | 1202 | 600 | 800 | 300 | 451.1 | 656 | 51.5 |
| AF24U609* [▲] | 24 | 1202 | 600 | 900 | 600 | 551.1 | 756 | 55.5 |
| AF24U610* [▲] | 24 | 1202 | 600 | 1000 | 600 | 651.1 | 856 | 58.5 |
| AF24U611* [▲] | 24 | 1202 | 600 | 1100 | 750 | 751.1 | 956 | 61.5 |
| AF24U612* [▲] | 24 | 1202 | 600 | 1200 | 750 | 851.1 | 1056 | 64.5 |
| AF27U606* [▲] | 27 | 1336 | 600 | 600 | 300 | 251.1 | 456 | 50.0 |
| AF27U608* [▲] | 27 | 1336 | 600 | 800 | 300 | 451.1 | 656 | 54.0 |
| AF27U609* [▲] | 27 | 1336 | 600 | 900 | 600 | 551.1 | 756 | 58.0 |
| AF27U610* [▲] | 27 | 1336 | 600 | 1000 | 600 | 651.1 | 856 | 61.5 |
| AF27U611* [▲] | 27 | 1336 | 600 | 1100 | 750 | 751.1 | 956 | 65.0 |
| AF27U612* [▲] | 27 | 1336 | 600 | 1200 | 750 | 851.1 | 1056 | 68.5 |
| AF40U606 [#] | 40 | 1913 | 600 | 600 | 300 | 251.1 | 456 | 59.5 |
| AF40U608 [#] | 40 | 1913 | 600 | 800 | 300 | 451.1 | 656 | 64.0 |
| AF40U609 [#] | 40 | 1913 | 600 | 900 | 600 | 551.1 | 756 | 69.0 |
| AF40U610 [#] | 40 | 1913 | 600 | 1000 | 600 | 651.1 | 856 | 74.0 |
| AF40U611 [#] | 40 | 1913 | 600 | 1100 | 750 | 751.1 | 956 | 79.5 |
| AF40U612 [#] | 40 | 1913 | 600 | 1200 | 750 | 851.1 | 1056 | 85.0 |
| AF42U606 [#] | 42 | 2002 | 600 | 600 | 300 | 251.1 | 456 | 62.0 |
| AF42U608 [#] | 42 | 2002 | 600 | 800 | 300 | 451.1 | 656 | 66.0 |
| AF42U609 [#] | 42 | 2002 | 600 | 900 | 600 | 551.1 | 756 | 70.5 |
| AF42U610 [#] | 42 | 2002 | 600 | 1000 | 600 | 651.1 | 856 | 76.0 |
| AF42U611 [#] | 42 | 2002 | 600 | 1100 | 750 | 751.1 | 956 | 82.0 |
| AF42U612 [#] | 42 | 2002 | 600 | 1200 | 750 | 851.1 | 1056 | 88.0 |
| AF45U606 [#] | 45 | 2135 | 600 | 600 | 300 | 251.1 | 456 | 65.0 |
| AF45U608 [#] | 45 | 2135 | 600 | 800 | 300 | 451.1 | 656 | 69.0 |
| AF45U609 [#] | 45 | 2135 | 600 | 900 | 600 | 551.1 | 756 | 73.5 |
| AF45U610 [#] | 45 | 2135 | 600 | 1000 | 600 | 651.1 | 856 | 79.0 |
| AF45U611 [#] | 45 | 2135 | 600 | 1100 | 750 | 751.1 | 956 | 85.0 |
| AF45U612 [#] | 45 | 2135 | 600 | 1200 | 750 | 851.1 | 1056 | 91.0 |
| AF47U606 [#] | 47 | 2225 | 600 | 600 | 300 | 251.1 | 456 | 67.0 |
| AF47U608 [#] | 47 | 2225 | 600 | 800 | 300 | 451.1 | 656 | 71.0 |
| AF47U609 [#] | 47 | 2225 | 600 | 900 | 600 | 551.1 | 756 | 75.5 |
| AF47U610 [#] | 47 | 2225 | 600 | 1000 | 600 | 651.1 | 856 | 81.0 |
| AF47U611 [#] | 47 | 2225 | 600 | 1100 | 750 | 751.1 | 956 | 87.0 |
| AF47U612 [#] | 47 | 2225 | 600 | 1200 | 750 | 851.1 | 1056 | 93.0 |
| AF48U606 [#] | 48 | 2270 | 600 | 600 | 300 | 251.1 | 456 | 68.0 |
| AF48U608 [#] | 48 | 2270 | 600 | 800 | 300 | 451.1 | 656 | 72.0 |
| AF48U609 [#] | 48 | 2270 | 600 | 900 | 600 | 551.1 | 756 | 76.5 |
| AF48U610 [#] | 48 | 2270 | 600 | 1000 | 600 | 651.1 | 856 | 82.0 |
| AF48U611 [#] | 48 | 2270 | 600 | 1100 | 750 | 751.1 | 956 | 88.0 |
| AF48U612 [#] | 48 | 2270 | 600 | 1200 | 750 | 851.1 | 1056 | 94.0 |

[▲] Available on request.

* 18, 24 & 27RU cabinets also supplied with ARTF flat top cover

40, 42, 45, 47 & 48RU cabinets are supplied with gland plates fitted into roof

[^] The maximum distance between mounting rails

Ausrack Plus Frame 800 wide

19 inch frame



✓
EIA-310-D
Compliant

✓
SSI
Compliant

STATIC
1400kg

SEISMIC
900kg

✓
Australian
Standards



- Designed for complete flexibility in medium to large data room applications.
- Can be configured into suites and clad as per application requirements.
- Inset corner posts.
- 65mm in-built plinth.
- Manufactured from:
 - Frame – 1.6mm zinc coated steel
 - Rail – 2.0mm zinc coated
- Powdercoated textured Matt Black.

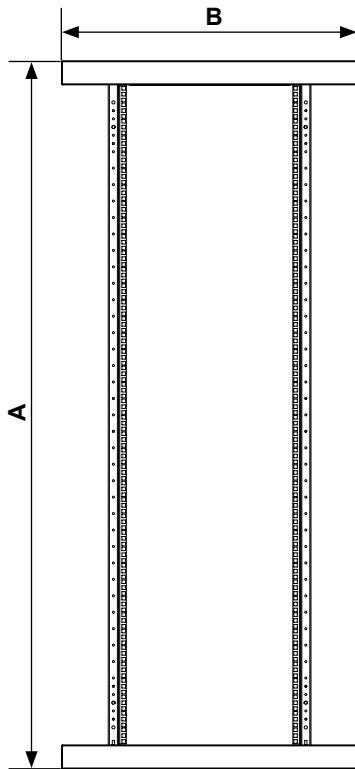
Comes standard with:

- 4 x RU marked adjustable mounting rails
- Flat top cover (18, 24 & 27RU)
- Gland plates (40, 42, 45, 47 & 48RU)
- Bolt down brackets

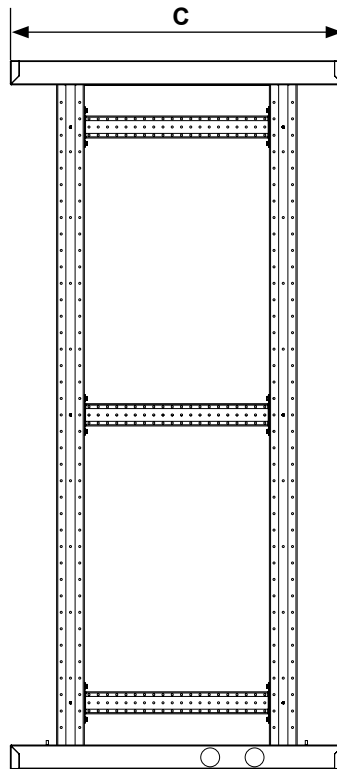
*Frame only shown.
Accessories can be
purchased separately.*



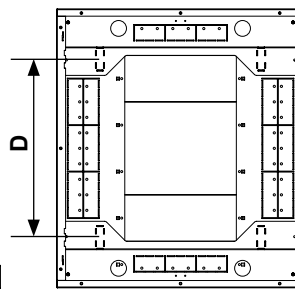
TECHNICAL DRAWINGS



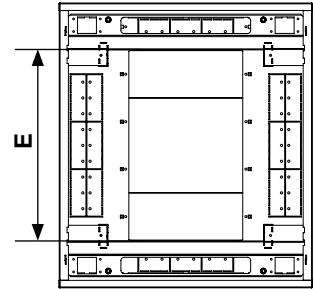
Front View



Side View



Top View



Bottom View

ACCESSORIES QUICK SELECTION

| Accessories | Page No. | Accessories | Page No. | Accessories | Page No. |
|---------------------------------|----------|---------------------|----------|------------------------|----------|
| Blanking Panels | 36 | Captive Plug Ring | 45 | Power Distribution | 54 |
| Brush Strips | 37 | Copper Earth Bars | 45 | PDU Brackets | 55 |
| Cable Management | 38 - 40 | Doors | 46 - 49 | Shelves | 56 - 57 |
| Cable Trays | 42 | Equipment Rails | 50 | Side Cladding (Panels) | 58 |
| Cable Zone Kits | 43 | Fans | 51 | Top Covers | 59 |
| Cable Zone Bases & Cover Panels | 44 | General Accessories | 52 | | |

Ausrack Plus Frame 800 wide

19 inch frame



ORDERING GUIDE

| Part Number | RU | Dimensions (mm) | | | | | Maximum Rail Depth [^] | Weight (kg) |
|------------------------|----|-----------------|-----------|-----------|--------------------|---------------|---------------------------------|-------------|
| | | Height (A) | Width (B) | Depth (C) | Cable Aperture (D) | Bolt Down (E) | | |
| AF18U806* [▲] | 18 | 936 | 800 | 600 | 300 | 351.1 | 456 | 49.0 |
| AF18U808* [▲] | 18 | 936 | 800 | 800 | 500 | 451.1 | 656 | 53.0 |
| AF18U809* [▲] | 18 | 936 | 800 | 900 | 600 | 551.1 | 756 | 56.5 |
| AF18U810* [▲] | 18 | 936 | 800 | 1000 | 700 | 651.1 | 856 | 59.0 |
| AF18U811* [▲] | 18 | 936 | 800 | 1100 | 750 | 751.1 | 956 | 61.0 |
| AF18U812* [▲] | 18 | 936 | 800 | 1200 | 800 | 851.1 | 1056 | 63.0 |
| AF24U806* [▲] | 24 | 1202 | 800 | 600 | 300 | 351.1 | 456 | 53.5 |
| AF24U808* [▲] | 24 | 1202 | 800 | 800 | 500 | 451.1 | 656 | 57.5 |
| AF24U809* [▲] | 24 | 1202 | 800 | 900 | 600 | 551.1 | 756 | 61.5 |
| AF24U810* [▲] | 24 | 1202 | 800 | 1000 | 700 | 651.1 | 856 | 64.5 |
| AF24U811* [▲] | 24 | 1202 | 800 | 1100 | 750 | 751.1 | 956 | 67.5 |
| AF24U812* [▲] | 24 | 1202 | 800 | 1200 | 800 | 851.1 | 1056 | 70.5 |
| AF27U806* [▲] | 27 | 1336 | 800 | 600 | 300 | 351.1 | 456 | 56.0 |
| AF27U808* [▲] | 27 | 1336 | 800 | 800 | 500 | 451.1 | 656 | 60.0 |
| AF27U809* [▲] | 27 | 1336 | 800 | 900 | 600 | 551.1 | 756 | 64.0 |
| AF27U810* [▲] | 27 | 1336 | 800 | 1000 | 700 | 651.1 | 856 | 67.5 |
| AF27U811* [▲] | 27 | 1336 | 800 | 1100 | 750 | 751.1 | 956 | 71.0 |
| AF27U812* [▲] | 27 | 1336 | 800 | 1200 | 800 | 851.1 | 1056 | 74.5 |
| AF40U806* [▲] | 40 | 1913 | 800 | 600 | 300 | 351.1 | 456 | 65.5 |
| AF40U808* [▲] | 40 | 1913 | 800 | 800 | 500 | 451.1 | 656 | 70.0 |
| AF40U809* [▲] | 40 | 1913 | 800 | 900 | 600 | 551.1 | 756 | 75.0 |
| AF40U810* [▲] | 40 | 1913 | 800 | 1000 | 700 | 651.1 | 856 | 80.0 |
| AF40U811* [▲] | 40 | 1913 | 800 | 1100 | 750 | 751.1 | 956 | 86.0 |
| AF40U812* [▲] | 40 | 1913 | 800 | 1200 | 800 | 851.1 | 1056 | 91.0 |
| AF42U806* [▲] | 42 | 2002 | 800 | 600 | 300 | 351.1 | 456 | 68.0 |
| AF42U808* [▲] | 42 | 2002 | 800 | 800 | 500 | 451.1 | 656 | 72.0 |
| AF42U809* [▲] | 42 | 2002 | 800 | 900 | 600 | 551.1 | 756 | 76.8 |
| AF42U810* [▲] | 42 | 2002 | 800 | 1000 | 700 | 651.1 | 856 | 82.0 |
| AF42U811* [▲] | 42 | 2002 | 800 | 1100 | 750 | 751.1 | 956 | 88.0 |
| AF42U812* [▲] | 42 | 2002 | 800 | 1200 | 800 | 851.1 | 1056 | 94.0 |
| AF45U806* [▲] | 45 | 2135 | 800 | 600 | 300 | 351.1 | 456 | 71.0 |
| AF45U808* [▲] | 45 | 2135 | 800 | 800 | 500 | 451.1 | 656 | 75.0 |
| AF45U809* [▲] | 45 | 2135 | 800 | 900 | 600 | 551.1 | 756 | 79.5 |
| AF45U810* [▲] | 45 | 2135 | 800 | 1000 | 700 | 651.1 | 856 | 88.0 |
| AF45U811* [▲] | 45 | 2135 | 800 | 1100 | 750 | 751.1 | 956 | 90.0 |
| AF45U812* [▲] | 45 | 2135 | 800 | 1200 | 800 | 851.1 | 1056 | 97.0 |
| AF47U806* [▲] | 47 | 2225 | 800 | 600 | 300 | 351.1 | 456 | 73.0 |
| AF47U808* [▲] | 47 | 2225 | 800 | 800 | 500 | 451.1 | 656 | 77.0 |
| AF47U809* [▲] | 47 | 2225 | 800 | 900 | 600 | 551.1 | 756 | 81.5 |
| AF47U810* [▲] | 47 | 2225 | 800 | 1000 | 700 | 651.1 | 856 | 87.0 |
| AF47U811* [▲] | 47 | 2225 | 800 | 1100 | 750 | 751.1 | 956 | 93.0 |
| AF47U812* [▲] | 47 | 2225 | 800 | 1200 | 800 | 851.1 | 1056 | 99.0 |
| AF48U806* [▲] | 48 | 2270 | 800 | 600 | 300 | 351.1 | 456 | 74.0 |
| AF48U808* [▲] | 48 | 2270 | 800 | 800 | 500 | 451.1 | 656 | 78.0 |
| AF48U809* [▲] | 48 | 2270 | 800 | 900 | 600 | 551.1 | 756 | 82.5 |
| AF48U810* [▲] | 48 | 2270 | 800 | 1000 | 700 | 651.1 | 856 | 88.0 |
| AF48U811* [▲] | 48 | 2270 | 800 | 1100 | 750 | 751.1 | 956 | 94.0 |
| AF48U812* [▲] | 48 | 2270 | 800 | 1200 | 800 | 851.1 | 1056 | 100.0 |

[▲] Available on request.

* 18, 24 & 27RU cabinets also supplied with ARTF flat top cover

40, 42, 45, 47 & 48RU cabinets are supplied with gland plates fitted into roof

[^] The maximum distance between mounting rails

Ausrack Plus Server

19 inch server cabinets



✓
EIA-310-D
Compliant

✓
SSI
Compliant

STATIC
1400kg

SEISMIC
900kg

✓
Australian
Standards



- Designed for large data room applications that require a robust and fully featured racking solution with free flowing air movement.
- Can be configured into suites and clad as per application requirements.
- Load ratings tested to AS62208-2006.
- Inset corner posts.
- Innovative cable management facilities.
- Reversible hinged doors (tool-less).
- 63% open mesh front and rear doors for maximum ventilation.
- Manufactured from zinc coated steel:
Frame – 1.6mm, Rail – 2.0mm & Panels 1.2mm
- Powdercoated textured Matt Black.

Comes standard with:

- 4 x RU marked adjustable mounting rails
- Mesh doors (600mmW cabinets)
- Front & rear split mesh doors (800mmW cabinets)
- Removable side panels
- Inbuilt 65mm plinth
- Lockable wing knob with 2-point locking front & rear
- Flat top cover (24RU only)
- Gland plates (40 & 45RU)
- Bolt down brackets



800mmW

ORDERING GUIDE

Dimensions (mm)

| Part Number | RU | Height (A) | Width (B) | Depth (C) | Maximum Rail Depth [^] | Weight (kg) |
|------------------------|----|------------|-----------|-----------|---------------------------------|-------------|
| AS24U609* [▲] | 24 | 1202 | 600 | 900 | 756 | 91.0 |
| AS24U611* [▲] | 24 | 1202 | 600 | 1100 | 956 | 97.5 |
| AS40U609* [▲] | 40 | 1913 | 600 | 900 | 756 | 123.0 |
| AS40U611* [▲] | 40 | 1913 | 600 | 1100 | 956 | 139.5 |
| AS45U609* [▲] | 45 | 2135 | 600 | 900 | 756 | 134.0 |
| AS45U611* [▲] | 45 | 2135 | 600 | 1100 | 956 | 149.0 |
| AS40U809* [▲] | 40 | 1913 | 800 | 900 | 756 | 132.0 |
| AS40U811* [▲] | 40 | 1913 | 800 | 1100 | 956 | 142.0 |
| AS45U809* [▲] | 45 | 2135 | 800 | 900 | 756 | 135.0 |
| AS45U811* [▲] | 45 | 2135 | 800 | 1100 | 956 | 145.0 |

[▲] Available on request.

* 24RU cabinets also supplied with ARTF flat top cover

40 & 45RU cabinets are supplied with gland plates fitted into roof

[^] The maximum distance between mounting rails

600mmW



Shelf not included.
Can be purchased
separately.

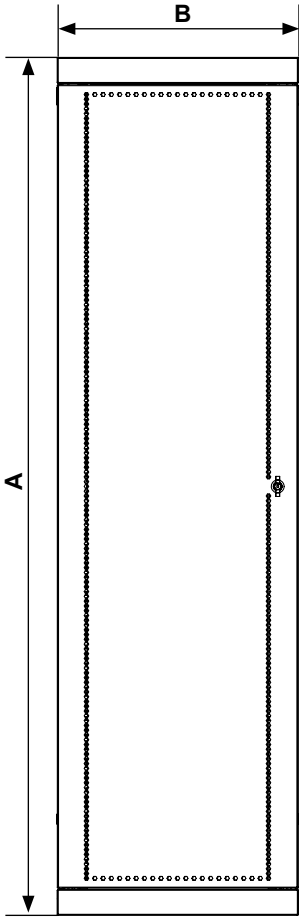
ACCESSORIES QUICK SELECTION

| Accessories | Page No. | Accessories | Page No. | Accessories | Page No. |
|---------------------------------|----------|---------------------|----------|------------------------|----------|
| Blanking Panels | 36 | Captive Plug Ring | 45 | Power Distribution | 54 |
| Brush Strips | 37 | Copper Earth Bars | 45 | PDU Brackets | 55 |
| Cable Management | 38 - 40 | Doors | 46 - 49 | Shelves | 56 - 57 |
| Cable Trays | 42 | Equipment Rails | 50 | Side Cladding (Panels) | 58 |
| Cable Zone Kits | 43 | Fans | 51 | Top Covers | 59 |
| Cable Zone Bases & Cover Panels | 44 | General Accessories | 52 | | |

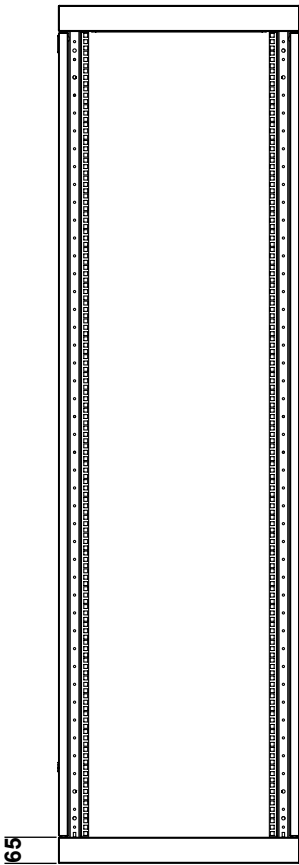
Ausrack Plus Server
19 inch server cabinets



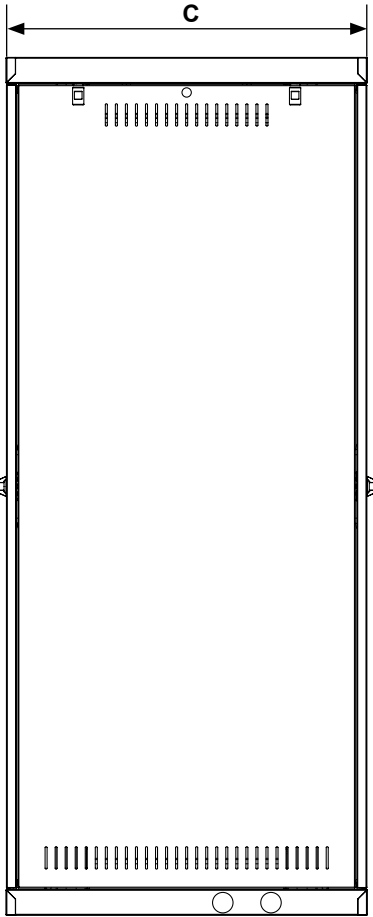
TECHNICAL DRAWINGS



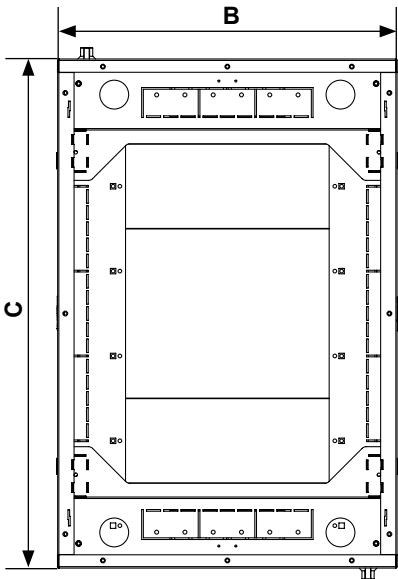
Front View



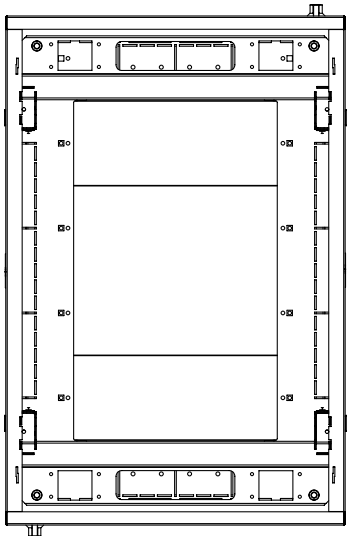
Front View
(Door Removed)



Side View



Top View



Bottom View

Ausrack Plus Network

19 inch network cabinets



- Designed for data room applications to accommodate medium to large passive patching networks and active communications equipment.
- Can be configured into suites and clad as per application requirements.
- Load ratings tested to AS62208-2006.
- Inset corner posts.
- Innovative cable management facilities.
- Reversible hinged doors (tool-less).
- Manufactured from zinc coated steel:
Frame – 1.6mm, Rail – 2.0mm & Panels 1.2mm
- Powdercoated textured Matt Black.

Comes standard with:

- 4 x RU marked adjustable mounting rails
- Front reinforced tinted acrylic window door
- Rear steel door
- Removable side panels
- Inbuilt 65mm plinth
- Lockable wing knob with 2-point locking on both doors
- Flat top cover (24RU only)
- Gland plates (40 & 45RU)
- Bolt down brackets



ORDERING GUIDE

| | | Dimensions (mm) | | | Maximum Rail Depth^ | Weight (kg) |
|-------------|----|-----------------|-----------|-----------|---------------------|-------------|
| Part Number | RU | Height (A) | Width (B) | Depth (C) | | |
| AN24U606*▲ | 24 | 1202 | 600 | 600 | 456 | 77.0 |
| AN24U609*▲ | 24 | 1202 | 600 | 900 | 756 | 89.5 |
| AN40U606*▲ | 40 | 1913 | 600 | 600 | 456 | 105.5 |
| AN40U609*▲ | 40 | 1913 | 600 | 900 | 756 | 123.5 |
| AN45U606*▲ | 45 | 2135 | 600 | 600 | 456 | 115.0 |
| AN45U609*▲ | 45 | 2135 | 600 | 900 | 756 | 135.0 |
| AN40U809*▲ | 40 | 1913 | 800 | 900 | 756 | 140.0 |
| AN45U809*▲ | 45 | 2135 | 800 | 900 | 756 | 160.0 |

▲ Available on request

* 24RU cabinets also supplied with ARTF flat top cover

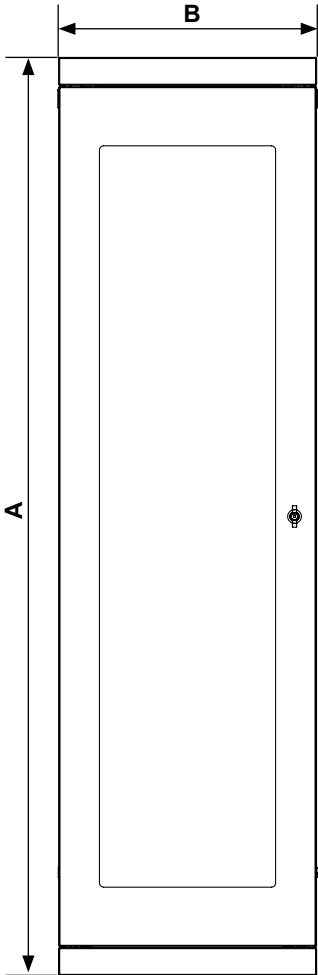
40 & 45RU cabinets are supplied with gland plates fitted into roof

^ The maximum distance between mounting rails

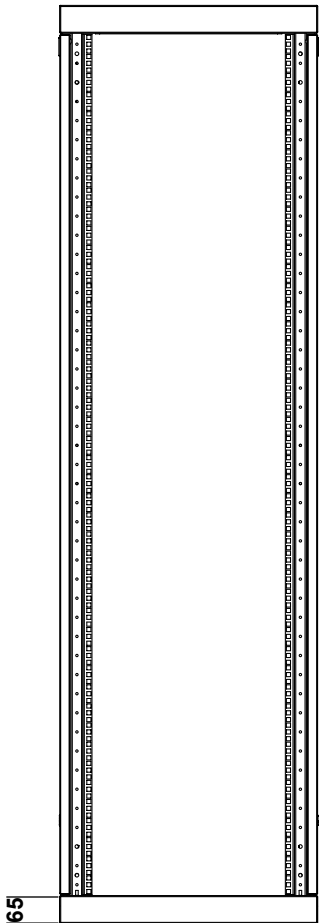
ACCESSORIES QUICK SELECTION

| Accessories | Page No. | Accessories | Page No. | Accessories | Page No. |
|---------------------------------|----------|---------------------|----------|------------------------|----------|
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| Cable Trays | 42 | Equipment Rails | 50 | Side Cladding (Panels) | 58 |
| Cable Zone Kits | 43 | Fans | 51 | Top Covers | 59 |
| Cable Zone Bases & Cover Panels | 44 | General Accessories | 52 | | |

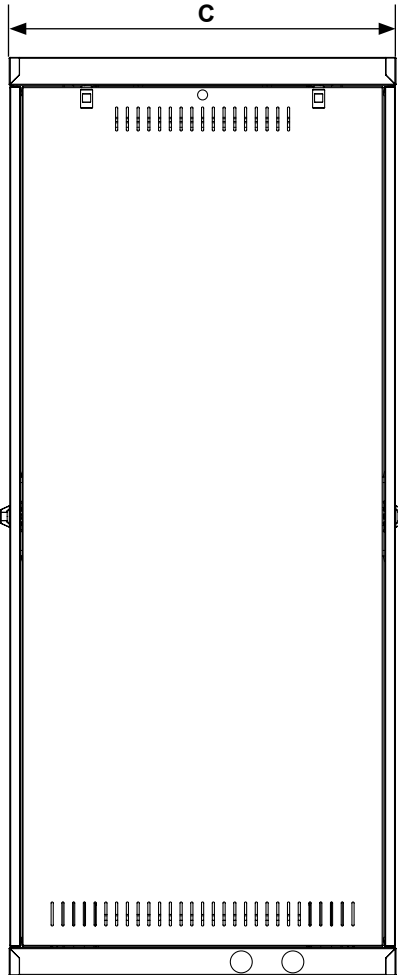
TECHNICAL DRAWINGS



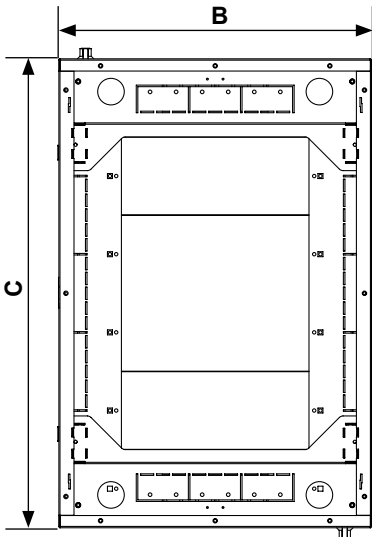
Front View



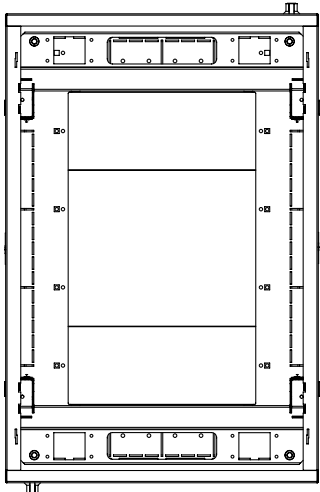
Front View
(Door Removed)



Side View



Top View



Bottom View

Ausrack TxD

Multipurpose cabinets and frames



- Designed for transmission and data applications in telecommunications exchange and data centre environments.
- 4-post rack suitable for 19", 21", 23" and 26" equipment.
- Open welded and bolted construction with corner posts.
- Load ratings tested to AS62208-2006.
- Allows for maximum flexibility in placement of equipment rails and cable management.
- Easy to bay with or without side panels.
- Manufactured from zinc coated steel:
Frame – 1.6mm, Rail – 2.0mm & Panels 1.2mm
- Powdercoated textured Matt Black.

Server Cabinet products come standard with:

- Frame and 2 x removable side panels
- 4 x 19" RU marked adjustable mounting rails
- Top cover with cable entries
- Mesh doors (600mmW cabinets)
- Split mesh doors (800mmW cabinets)
- 2 point door locking
- 4 x bolt down brackets



ORDERING GUIDE

| Product | Part Number | RU | Dimensions (mm) | | | Bolt Down (mm) | | Weight (kg) |
|--|------------------------|----|-----------------|-----------|-----------|----------------|-----------|-------------|
| | | | Height (A) | Width (B) | Depth (C) | Height (D) | Width (E) | |
| Server cabinet (Includes 4 x 19" rack rails, mesh doors, side panels) | ATS45U609 [▲] | 45 | 2140 | 600 | 900 | 299 | 685 | 137.0 |
| | ATS45U610 [▲] | 45 | 2140 | 600 | 1000 | 299 | 785 | 144.0 |
| | ATS45U612 [▲] | 45 | 2140 | 600 | 1200 | 299 | 985 | 159.0 |
| | ATS45U809 [▲] | 45 | 2140 | 800 | 900 | 499 | 685 | 139.0 |
| | ATS45U810 [▲] | 45 | 2140 | 800 | 1000 | 499 | 785 | 148.0 |
| | ATS45U812 [▲] | 45 | 2140 | 800 | 1200 | 499 | 985 | 161.0 |
| Standard frame (Includes 4 x 19" rack rails) | ATF45U609 [▲] | 45 | 2140 | 600 | 900 | 299 | 685 | 77.0 |
| | ATF45U610 [▲] | 45 | 2140 | 600 | 1000 | 299 | 785 | 82.0 |
| | ATF45U612 [▲] | 45 | 2140 | 600 | 1200 | 299 | 985 | 96.0 |
| | ATF45U809 [▲] | 45 | 2140 | 800 | 900 | 499 | 685 | 80.0 |
| | ATF45U810 [▲] | 45 | 2140 | 800 | 1000 | 499 | 785 | 85.0 |
| | ATF45U812 [▲] | 45 | 2140 | 800 | 1200 | 499 | 985 | 99.0 |

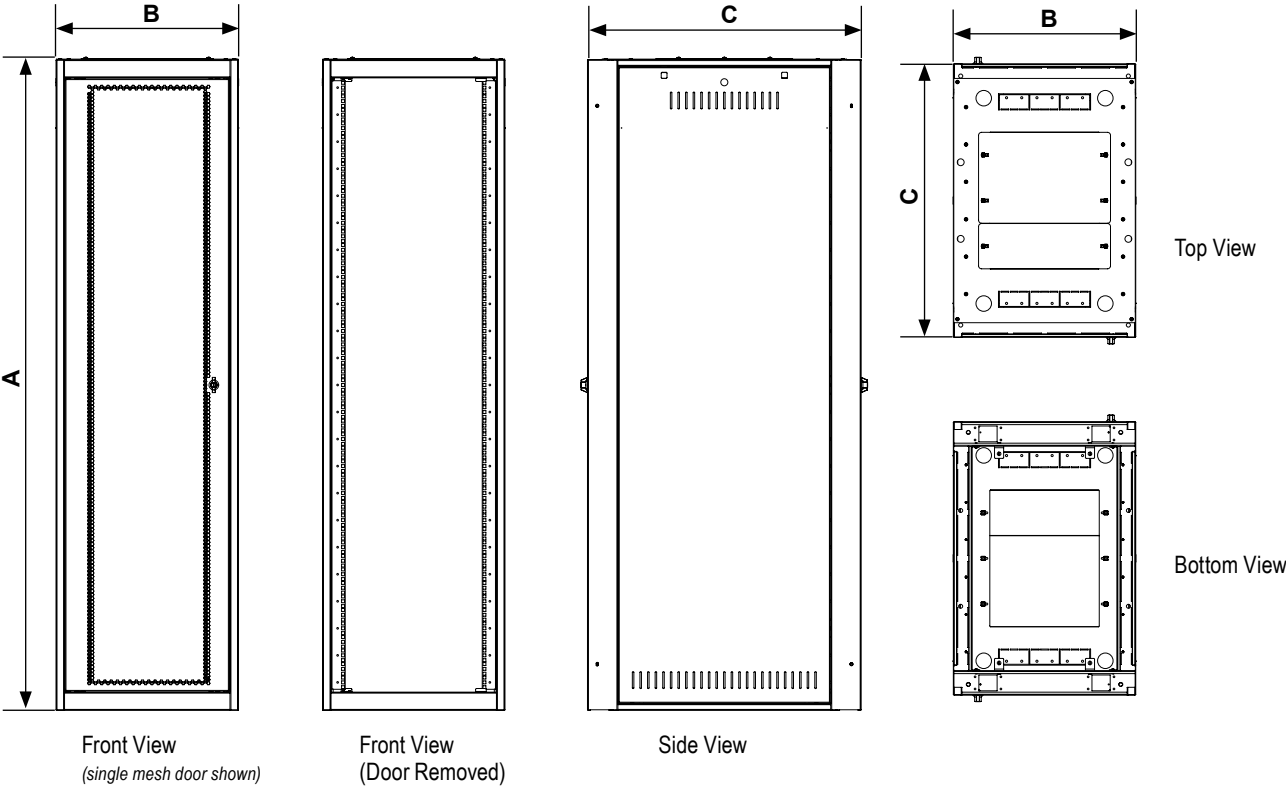
[▲] Available on request

ACCESSORIES QUICK SELECTION

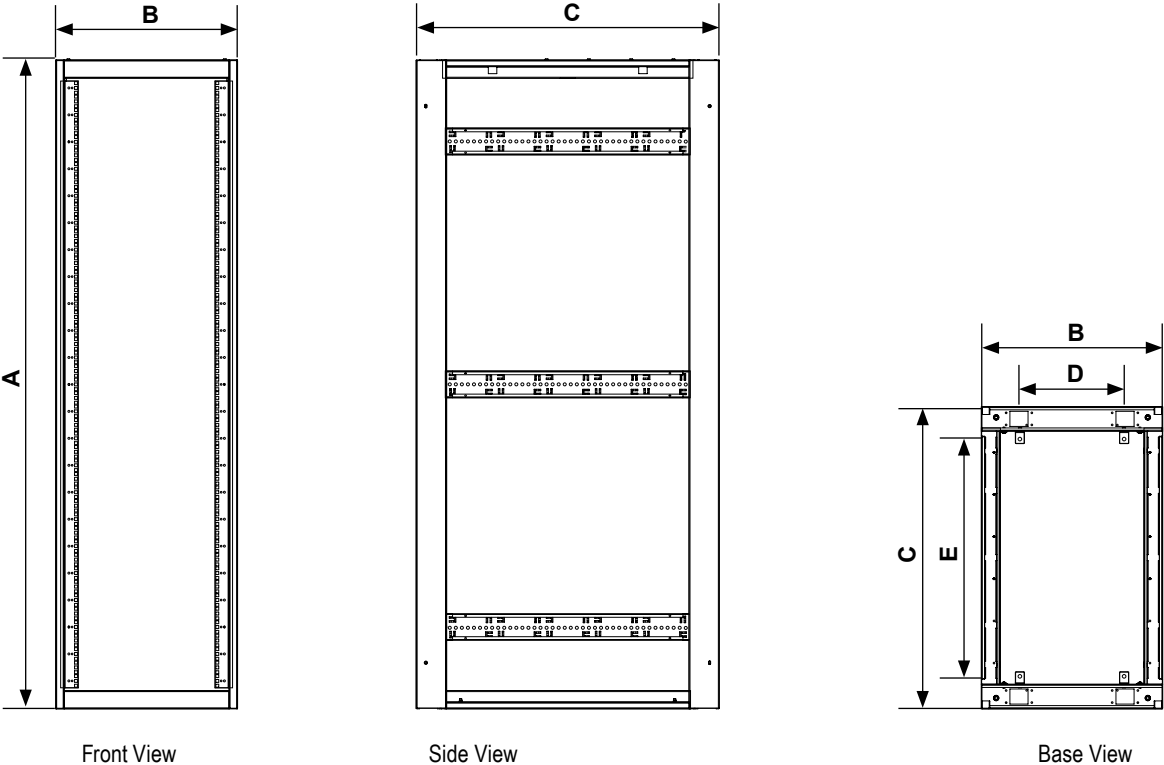
| Accessories | Page No. | Accessories | Page No. | Accessories | Page No. |
|-------------------|----------|---------------------|----------|--------------|----------|
| Blanking Panels | 36 | Copper Earth Bars | 45 | PDU Brackets | 55 |
| Brush Strips | 37 | Doors | 46 - 49 | Shelves | 56 - 57 |
| Cable Management | 38 - 40 | Equipment Rails | 50 | Side Panels | 59 |
| Cable Trays | 42 | General Accessories | 52 | Top Covers | 59 |
| Captive Plug Ring | 45 | Power Distribution | 54 | | |

TECHNICAL DRAWINGS

Server Cabinet

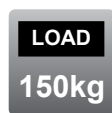


Standard Frame



Ausrack Patch

19 inch lab rack



- Designed to be used for network patching applications.
- The 2-post frame is designed to provide a functional solution where accessibility is a major requirement.
- Open construction suits those who want full access to equipment at all times.
- Load rating tested to AS62208-2006.
- Able to be bayed together using a kit.
- Supplied flat packed with all fixings.
- Quick and easy-to-assemble with only 12 bolts.
- Base includes fixing points for bolting to floor.
- RU marked rails for easy placement of equipment.
- Manufactured from 1.6mm zinc coated steel
- Powdercoated textured Matt Black.

Comes standard with:

- RU marked frame



2 patch racks joined together with cable management are shown for illustrative purposes. Cable management can be purchased separately.

ORDERING GUIDE

| Part Number | RU | Dimensions (mm) | | | Weight (kg) |
|--------------------|----|-----------------|-----------|-----------|-------------|
| | | Height (A) | Width (B) | Depth (C) | |
| AL40U [▲] | 40 | 1930 | 550 | 375 | 16.5 |
| AL45U | 45 | 2155 | 550 | 375 | 17.0 |

[▲] Available on request

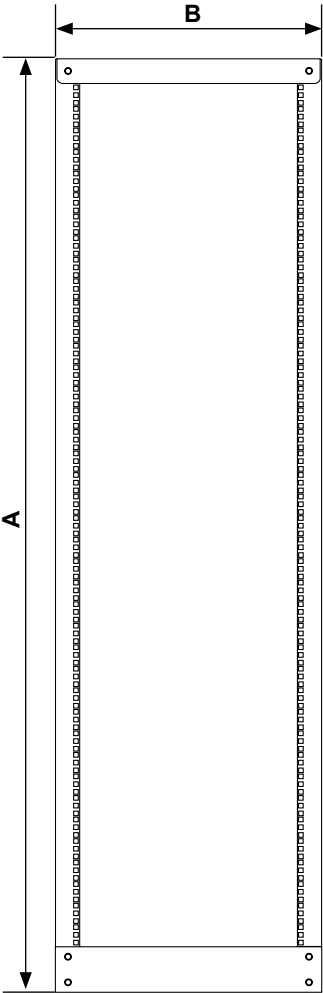
ACCESSORIES QUICK SELECTION

| Accessories | Page No. | Accessories | Page No. |
|-------------------|----------|---------------------|----------|
| Blanking Panels | 36 | Copper Earth Bars | 45 |
| Brush Strips | 37 | General Accessories | 52 |
| Cable Management | 38 - 40 | Power Distribution | 54 |
| Captive Plug Ring | 45 | Shelves | 56 |

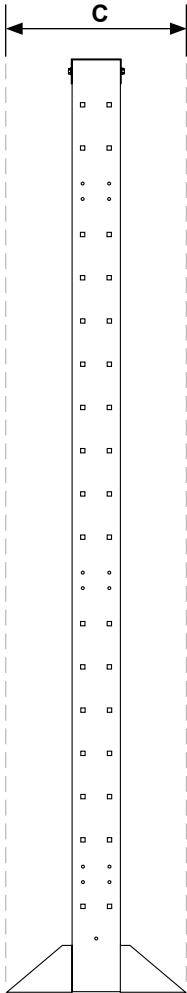
Ausrack Patch
19 inch lab rack



TECHNICAL DRAWINGS



Front View



Side View

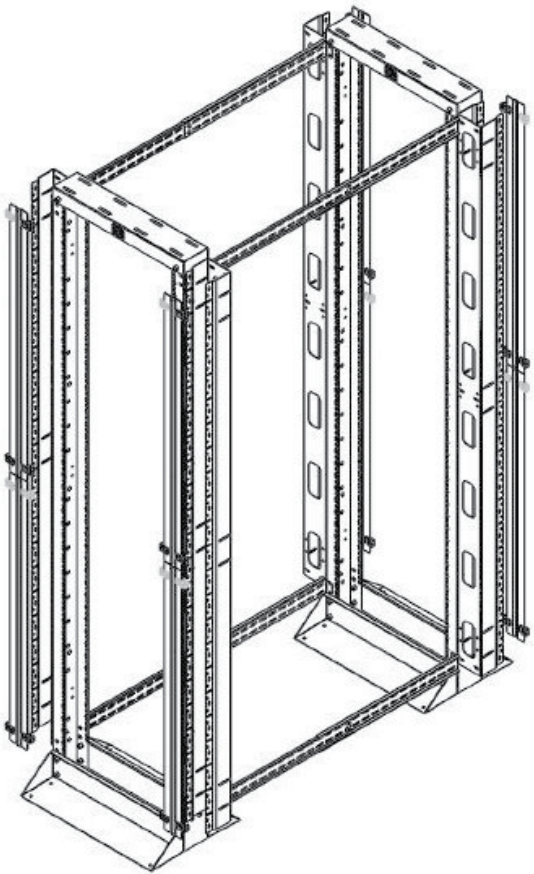
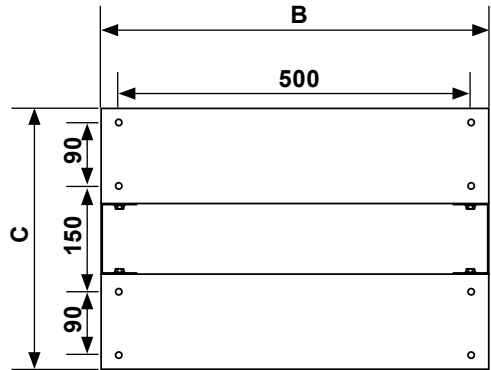


Illustration shows 2 x Ausrack Patch racks
bayed together with the joiner kit (ALJK) and
additional cable management



Base View

CQr Guardian

19 inch secure cabinets

To ensure your data equipment is secure, B&R has a range of high standard security cabinets to deliver protection for Government agencies and private enterprise.

B&R's Class B and Class C range deliver high quality cabinets, manufactured right here in Australia.

Manufactured from zinc coated steel, CQr Guardian is fully welded and completely customisable, designed with a comprehensive range of accessories including kits, segregation panels and extended side panels with additional cable entries.

FEATURES

CQr Guardian offers unmatched cable capacity and is designed to increase cable access, with multiple entry points in the top and base of the cabinet and additional integrated cable management. Using cable routing apertures, B&R have optimised the cable paths, allowing up to twice as many cables as usual to be inserted through one opening.

Utilising the maximum mesh area specified in the SCEC guidelines, CQr Guardian has the widest and tallest mesh area allowed on its doors. The specified mesh provides superior security whilst also optimising airflow throughout the cabinet. CQr Guardian can also be designed with a clear acrylic insert or solid steel door, with a choice of door configurations.

Fan kits are available for the roof and door of the cabinet. The mesh area on the door can accommodate up to six high flow fans*, capable of moving 1700 cubic metres per hour.

As an example, in a data centre environment, a 15kW heat load in a 45RU cabinet would require 3500 cubic metres per hour of airflow. Three high flow door fans will supply sufficient airflow for this situation.

CQr Guardian has been developed with a range of Class B and Class C cabinets suitable for secure network applications. All cabinets are fitted with three point locking. Class B cabinets come with electronic combination locks, while Class C cabinets use Bi-Lock technology.

Standard colouring for CQr Guardian is powdercoated textured matt black however is also available in a variety of colours on request.

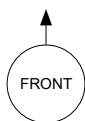
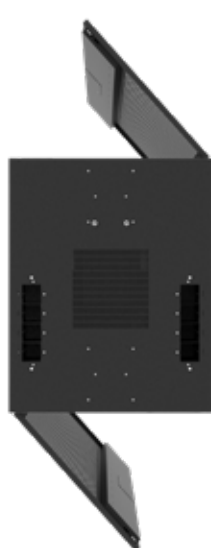
In Australia, these security cabinets have been developed in accordance with the Protective Security Policy Framework (PSPF). The Security Construction and Equipment Committee (SCEC) is a standing inter-departmental committee responsible for evaluating security equipment for use by Australian Government departments and agencies.

As of July 2016, all manufacturers providing high security cabinets in Australia must meet and be accredited to the latest SCEC standard. B&R not only meets but exceeds these requirements and with innovative new features and trusted B&R quality, CQr Guardian is the number one choice for your high security needs.

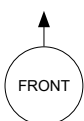
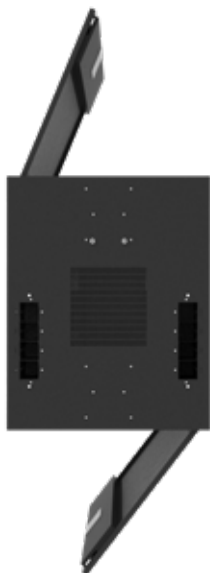


**High flow fans are available on request.*

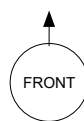
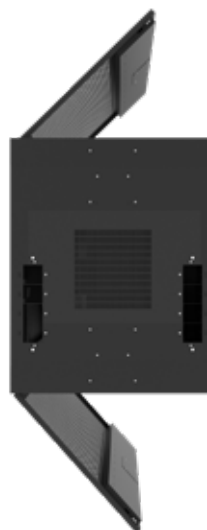
Standard Door Configurations



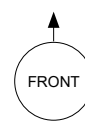
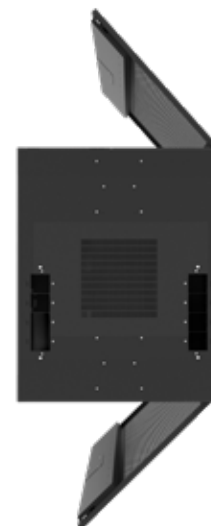
Front Left Hinge
Rear Left Hinge



Front Right Hinge
Rear Right Hinge



Front Left Hinge
Rear Right Hinge



Front Right Hinge
Rear Left Hinge

Part Number Convention

| PRODUCT RANGE | PRODUCT TYPE | HEIGHT (RU) | WIDTH | DEPTH | DOOR CONFIGURATION |
|-------------------|------------------------|----------------------|---------|------------------------|--|
| ACQR CQR GUARDIAN | B Class B C Class C | 42U 42RU 45U 45RU | 8 800mm | 10 1000mm 12 1200mm | RR Right / Right LL Left / Left LR Left / Right RL Right / Left |

Example:

ACQR3C42U810LR

| | | | | | |
|--------------|---------|------|-----|------|--------------|
| ACQR3 | C | 42U | 8 | 10 | LR |
| CQR GUARDIAN | CLASS C | 42RU | 800 | 1000 | LEFT / RIGHT |

Data Cages

Our data cages provide enhanced security for data centre environments and are designed with the customer in mind.

Data cages provide a method of segregating customer racks and equipment into defined zones, providing a high level of security for equipment in a facility that contains multiple users.

With the ever increasing need to provide a secure method of housing equipment within a co-location data centre environment, B&R Enclosures can manufacture, supply and install data cages designed with the customer in mind.

Manufactured from 1.6mm thick zinc coated steel with powdercoated textured matt black surface finish, standard sized components are offered to achieve cage heights of 2400mm or 2700mm. Other standard inclusions consist of a sliding or hinged door fitted with a customer supplied locking mechanism. B&R's data cages can be tailored to suit the requirements of any data centre and are fixed top and bottom using a variety of fixings.

B&R Enclosures continually invest in innovative technologies and the development of their staff, with a team of data champions able to provide onsite consultancy, design and installation of the required cages. B&R will work with the customer to ensure a data cage is specified to maintain the high level of security needed within this environment.

Features

- 1.6mm thick zinc coated steel panels
- 50 x 50mm RHS supports
- Aluminium door section for weight saving
- Large open mesh pattern to maximise airflow and visibility
- Sliding or hinged doors
- Customer supplied locking mechanism
- On-site consultation and installation



Hot/Cold Aisle Containment



Increase your heating/cooling efficiency whilst reducing power consumption.

Hot/cold aisle containment is a method of increasing cooling efficiency, reducing power consumption and is intended to prevent air temperature zones from being mixed together in a data centre.

For a 'cold aisle', the cold air is fed through a false floor into a contained aisle. This air flows through the front of the server racks, removes the heat from installed equipment and is expelled as hot air through the rear of the cabinet. The hot air is then removed by the data centre air conditioning system.

Having an aisle contained means the area requiring cooling is much smaller and therefore less power is required by the C.R.A.C unit to keep it at the recommended temperature.

Hot/cold aisle containment ensures businesses do not have to increase the cooling capacity within the data centre whilst increasing cooling efficiency and reducing costs.

The main benefits of cold aisle containment are:

- Avoids hot air short circuits
- Reduces the volume of air that needs to be cooled
- Improves efficiency of the cooling system considerably
- Energy cost savings

Installing a containment aisle in a workplace improves the working environment for staff, as the room does not need to be kept at a low ambient temperature. Even the aisle can often be warmer than that of an uncontained data centre. An uncontained data centre needs to have its air conditioning set for the installation that requires the most cooling, wherever that is within the data centre.

B&R Enclosures' hot/cold aisle containment systems are quoted on a project basis after an on-site consultation with one of our experienced sales engineers.



Airflow Efficiency Solutions

A range of airflow efficiency solutions that are designed to assist in managing data centre cooling.

If you have already laid out your room in hot and cold aisles, with cabinets orientated 'front to front' and 'back to back', then you will achieve the best cooling by blocking unused panel spaces in your cabinets.

These open panel spaces allow cold air to flow through your cabinet to the back, reducing the cold air that goes to the equipment in the upper racks. That equipment can then run too hot, shortening its life.

What's more, the cold air in the cabinet mixes with the hot air that returns to your air conditioners, convincing the air conditioners into thinking the temperature is lower than it actually is.

This means your air conditioners won't work efficiently because the cooling of the hardware is reduced which creates higher temperatures and shortens the life of the equipment.

As well as cold air moving from front to back through your open panels, hot air can bypass from back to front, where it rises and delivers even warmer air to the upper computers.

This is why servers toward the tops of cabinets often have a statistically higher failure and error rate than those at the bottom. Loading cabinets from bottom to top and closing all the remaining spaces with blanking panels and baffles will make a big difference.



AIRFLOW EFFICIENCY PRODUCTS

| Product | Page No. |
|-----------------|----------|
| Blanking Panels | 36 |
| Brush Strips | 37 |
| Fans | 51 |

Electronic Locking Solutions



A product that enhances the control and security of access within a data centre.

The SALTO Systems Neo Cylinder brings smart access control to server racks. The Neo is a wireless, battery-powered smart lock that uses BLE (Bluetooth Low Energy) and lower power radio (2.4ghz) to communicate with wireless gateways or nodes and user credentials.

With multiple models are available, including the Neo Half Cylinder, which fits most swing handles for rack servers. It is ideal for use where control of the operation of the rack is needed, enhancing the control and security of access to server racks.

Further models include the Half Cylinder (for Swing Handles), Australian Oval, Euro, UK, Cam lock and other international standards.

The SALTO Neo can connect to both SALTO SPACE, an on-premise online and offline real-time access control solution, and SALTO KS, which is a cloud-based, real time solution.

SALTO KS Solution

SALTO KS is a scalable, and flexible cloud-based smart access control solution with best-in-class real-time capabilities. It requires no software installation and enables remote management, from anywhere at any time.

To use SALTO KS, you need a SALTO wireless smart lock (such as the Neo Cylinder), an IQ (which talks to the lock and the cloud) and an internet-connected device such as a smartphone or PC. It is a simple solution and easily managed.

SALTO KS smart access offers multiple ways of opening doors, including with a digital key. It records an audit trail of events for real-time control and can send update notifications in real-time. For example, maintenance updates for lock battery status, or when a user is denied access. Further, updates to user access can be made in real-time and remotely.

Contact B&R today for a live demonstration of the SALTO lock system.



Data ICT Accessories

Accessories to suit all product ranges in this catalogue

Blanking Plates - for cable zones

Designed to seal the front section of racks bayed with cable zones from hot exhaust air at the rear of the cabinet. They extend between the posts of the two adjoining racks over the cable zone to the full height of the rack.

To suit cabinets & frames

| Part Number | RU | Width (mm) | Product Range |
|--------------|------|------------|---------------------|
| ARPBP40U100▲ | 40RU | 100 | Ausrack cable zones |
| ARPBP40U200▲ | 40RU | 200 | |
| ARPBP45U100▲ | 45RU | 100 | |
| ARPBP45U200▲ | 45RU | 200 | |

*Cable zones available.
Please see page 37.*



ARPBP40U200

Blanking Panels - Eziblank

The adjustable tool-less blanking panels simply snap to the size you need and pushes onto the 19" mounting rails. The blanking panels can be easily snapped into 1RU increments to fit any gap. Made from UL94 fire rated and anti-static ABS plastic.

| Part Number | Description | RU | To suit cabinets & frames |
|-------------|------------------------------------|----|--------------------------------------|
| ARBP6U | Supplied as 6 x 1RU plastic panels | 1 | All B&R Data ICT cabinets and frames |



ARBP6U

Blanking Panels - Metal

Used to control airflow within the rack. They are manufactured from 1.2mm steel with a powdercoated matt black surface finish.

Dimensions (mm)

| Part Number | RU | Height (mm) | Width (mm) | To suit cabinets & frames |
|-------------|----|-------------|------------|--------------------------------------|
| EBP1U | 1 | 44 | 483 | All B&R Data ICT cabinets and frames |
| EBP2U | 2 | 88 | 483 | |
| EBP3U | 3 | 132 | 483 | |
| EBP4U | 4 | 177 | 483 | |
| EBP5U▲ | 5 | 222 | 483 | |
| EBP6U▲ | 6 | 266 | 483 | |



EBP

▲ Available on request

Data ICT Accessories

Accessories to suit all product ranges in this catalogue



Brush Strips - Ezibrush™

Keeps hot exhaust air away from cool intake air, extending the life of your equipment. These panels have a brush strip overhanging the 1RU size by an extra 5mm allowing simple management of air gaps when placed alongside other equipment.

| Part Number | Description | RU | To suit cabinets & frames |
|-------------|---|----|--------------------------------------|
| ARBPB1U▲ | Horizontal, 19" black, pack of 5 strips | 1 | All B&R Data ICT cabinets and frames |



ARBPB1U

Brush Strips - Vertical

Designed to control airflow in the rack. They provide a barrier between the front of the frame and hot exhaust air at the rear, between the post and the side panel whilst also allowing cable access. Each strip attaches to the post and extends to the side panel of the cabinet. Sold as pairs (if ordering one (1) unit, it comes as two (2) strips).

For use with racks:

| Part Number | RU | To suit cabinets & frames | |
|-------------|----|---------------------------|---------------|
| | | Width (mm) | Product Range |
| ARPBS40U06▲ | 40 | 600 | Ausrack Plus |
| ARPBS40U08▲ | 40 | 800 | |
| ARPBS45U06▲ | 45 | 600 | |
| ARPBS45U08▲ | 45 | 800 | |

For use with cable zones:

| | To suit cabinets & frames | | |
|--------------|---------------------------|------------------------|---------------|
| Part Number | RU | Width (mm) | Product Range |
| ARPBS40U100▲ | 40 | 100mm wide cable zones | Ausrack Plus |
| ARPBS40U106▲ | 40 | | |
| ARPBS40U200▲ | 40 | 200mm wide cable zones | |
| ARPBS40U206▲ | 40 | | |
| ARPBS45U100▲ | 45 | 100mm wide cable zones | |
| ARPBS45U106▲ | 45 | | |
| ARPBS45U200▲ | 45 | 200mm wide cable zones | |
| ARPBS45U206▲ | 45 | | |



ARPBS40U08

Data ICT Accessories

Accessories to suit all product ranges in this catalogue

Cable Management - Horizontal

Cable management is an efficient and tidy way to keep on top of high density cabling in a rack or cabinet.

Horizontal options can be incorporated into any B&R rack or cabinet.

| Part Number | RU | Width (mm) | Depth (mm) | Description | To suit cabinets & frames |
|--|----|------------|------------|---|---|
| Horizontal Cable Management | | | | | |
| ARHCMF1U | 1 | 480 | 125 | Mounts on equipment rails 90mm finger length | All 19" racks |
| ARHCMF2U | 2 | 480 | 125 | | |
| ARHCMF4U▲ | 4 | 480 | 125 | | |
| Horizontal Cable Management Extended Finger/ Cover Panel | | | | | |
| ARHCMFX1U▲ | 1 | | | Extended finger 150mm finger length | All 19" racks |
| ARHCMFX2U▲ | 2 | | | | |
| ARHCMFX4U▲ | 4 | | | | |
| Horizontal Cable Management Rings | | | | | |
| ARPCMH1U | 1 | | | 55mm x 30mm ring | All 19" racks |
| ARPCMH2U▲ | 2 | | | 55mm x 30mm ring | |
| ARPCMH4U▲ | 4 | | | 55mm x 30mm ring | |
| ARPCMH1U100▲ | 1 | | | 40mm x 100mm ring | |
| Cable Management Rings | | | | | |
| ARPCMR2S | — | 161 | 96 | Single zone | Ausrack Plus, CQr, TxD, Patch, IP, Field FE & iLINQ |
| ARPCMR3S▲ | — | 306 | 96 | Single zone* | Ausrack Plus (excluding 600mm frame) & Patch |
| ARPCMR3D▲ | — | 306 | 250 | Two zone* | |
| Cable Management Hanger | | | | | |
| ARPCMP24 | — | | | 24 patch lead hanger, 597mm | Stand alone product wall mount |

* Needs Cable Zone



ARHCMF1U



ARHCMF4U

▲ Available on request

Data ICT Accessories

Accessories to suit all product ranges in this catalogue



HORIZONTAL CABLE CAPACITY

| | Cable Capacity | | | | | | |
|----------------------------|----------------|------|-------|------|-------|-----------|-----------|
| | Cat5e | Cat6 | Cat6e | Cat7 | Fibre | Power 10A | Power 15A |
| Diameter (mm) [#] | 5.6 | 6.3 | 8.4 | 7.6 | 3 | 7 | 8.5 |
| Saturation [*] | 50% | 50% | 50% | 50% | 60% | 40% | 40% |
| ARHCMF1U | 31 | 25 | 14 | 17 | 129 | 16 | 11 |
| ARHCMF2U | 99 | 79 | 44 | 54 | 414 | 51 | 35 |
| ARHCMF4U | 227 | 179 | 101 | 123 | 947 | 116 | 79 |
| ARPCMH1U | 23 | 18 | 10 | 13 | 94 | 12 | 8 |
| ARPCMH2U | 46 | 36 | 20 | 26 | 188 | 24 | 16 |
| ARPCMH1U100 | 46 | 36 | 20 | 26 | 188 | 24 | 16 |
| ARPCMR2S | 205 | 162 | 92 | 112 | 858 | 105 | 72 |
| ARPCMR3S | 431 | 340 | 192 | 234 | 1799 | 221 | 150 |
| ARPCMR3D | 1167 | 922 | 519 | 634 | 4877 | 598 | 405 |

Please Note: B&R Enclosures does not accept liability for any errors within the above table.

[#] These are nominal values for the OD of cable as sizes may vary.

^{*} Recommended maximum cable saturation.



ARPCMH1U



ARPCMR2S



ARPCMR3S



ARPCMP24

Data ICT Accessories

Accessories to suit all product ranges in this catalogue

Cable Management - Vertical

Cable management is an efficient and tidy way to keep on top of high density cabling in a rack or cabinet. Vertical options can be incorporated into most B&R rack or cabinet.

| Part Number | RU | Width (mm) | Depth (mm) | Description | Mounting | To suit cabinets & frames (mm) |
|---|----|------------|------------|--|--|---|
| Vertical Cable Management Fingers and Connection Bracket (90mm finger length) | | | | | | |
| ARVCMF40U | 40 | 15 | 180 | 2 sections (800mm + 889mm) | Outside of posts | Ausrack Plus |
| ARVCMF45U | 45 | 15 | 180 | 2 sections (2 x 978mm) | Outside of posts | |
| ARVCMF40UR▲ | 40 | 20.5 | 122 | 2 sections (800mm + 889mm) | On L-shape equipment rails | Ausrack CQr, TxD, IP & iLINQ |
| ARVCMF45UR | 45 | 20.5 | 122 | 2 sections (2 x 978mm) | On L-shape equipment rails | |
| ARVCMF45U200 | 45 | 200 | 198 | Cable zone required | | Ausrack Plus |
| Vertical Cable Management Extended Finger/ Cover Panel (150mm finger length) | | | | | | |
| ARVCMFX40U▲ | 40 | 15 | 250 | Extended Finger | | Ausrack Plus |
| ARVCMFX45U▲ | 45 | 15 | 250 | | | |
| ARVCMFX40UR▲ | 40 | 20.5 | 250 | | | Ausrack CQr, TxD, IP & iLINQ |
| ARVCMFX45UR▲ | 45 | 20.2 | 250 | | | |
| Vertical Cable Management System | | | | | | |
| ARVCMS40U10 | 40 | 100 | 165 | Cable zone required* | Off posts or Horizontal mounting rails | Ausrack Plus, CQr, TxD, Patch, IP & iLINQ |
| ARVCMS45U10 | 45 | 100 | 165 | U-Channel system with cable fingers, connection brackets and cover flaps 90mm finger length | | Ausrack Plus, CQr, TxD, Patch & iLINQ |
| ARVCMS40U20▲ | 40 | 200 | 165 | | | Ausrack Plus & Patch |
| ARVCMS45U20▲ | 45 | 200 | 165 | | | |
| ARVCMS40U150▲ | 40 | 150 | 198 | Cable zone required* | | Ausrack Plus, CQr, TxD, Patch & iLINQ |
| ARVCMS45U150▲ | 45 | 150 | 198 | U-Channel system with cable fingers, connection brackets and cover flaps | | |
| ARVCMSX40U10▲ | 40 | 100 | 250 | Cable zone required* | | Ausrack Plus, CQr, TxD, Patch & iLINQ |
| ARVCMSX45U10▲ | 45 | 100 | 250 | Extended Finger 150mm finger length | | |
| ARVCMSX40U20▲ | 40 | 200 | 250 | Cable zone required* | | Ausrack Plus & Patch |
| ARVCMSX45U20▲ | 45 | 200 | 250 | Extended Finger | | |

*Cable Zone Requirements for Different Rack/Cabinet Widths

| Cabinet Width (mm) | Width of Cable Management System (mm) | Cable Zone Width Required (mm) |
|--------------------|---------------------------------------|--------------------------------|
| 600 | 100 | 100 or 200 |
| 600 | 150 | 200 |
| 600 | 200 | 200 |
| 800 | 100 | 100 |
| 800 | 150 | 100 |
| 800 | 200 | 100 |

▲ Available on request

Data ICT Accessories

Accessories to suit all product ranges in this catalogue



VERTICAL CABLE CAPACITY

| | Cable Capacity | | | | | | |
|----------------------------|----------------|------|-------|------|-------|-----------|-----------|
| | Cat5e | Cat6 | Cat6e | Cat7 | Fibre | Power 10A | Power 15A |
| Diameter (mm) [#] | 5.6 | 6.3 | 8.4 | 7.6 | 3 | 7 | 8.5 |
| Saturation [*] | 50% | 50% | 50% | 50% | 60% | 40% | 40% |
| ARVCMsxxU10 | 269 | 213 | 120 | 146 | 1125 | 138 | 94 |
| ARVCMsxxU20 | 597 | 472 | 266 | 324 | 2495 | 306 | 208 |

Please Note: B&R Enclosures does not accept liability for any errors within the above table.

[#] These are nominal values for the OD of cable as sizes may vary.

^{*} Recommended maximum cable saturation.



ARVCMF45U



ARVCMF45UR



ARVCMFX40UR



ARVCMs40U10



ARVCMsX40U20

Data ICT Accessories

Accessories to suit all product ranges in this catalogue

Cable Trays

An effective way to keep vertical cable runs neat and tidy within a rack or cabinet.

| Part Number | Cable Mounting Width (mm) | To suit cabinet RU | Height (mm) | To suit cabinets & frames |
|-------------|------------------------------|-----------------------|----------------|---|
| ARC18U15▲ | 150 | 18 | 702 | Ausrack Plus, CQr, TxD, IP, Field FE & iLINQ |
| ARC18U30▲ | 300 | 18 | 702 | |
| ARC18U45▲ | 450 | 18 | 702 | |
| ARC24U15▲ | 150 | 24 | 969 | |
| ARC24U30▲ | 300 | 24 | 969 | |
| ARC27U15▲ | 150 | 27 | 1102 | |
| ARC27U30▲ | 300 | 27 | 1102 | |
| ARC27U45▲ | 450 | 27 | 1102 | |
| ARC40U15▲ | 150 | 40 | 1680 | |
| ARC40U30 | 300 | 40 | 1680 | |
| ARC40U45▲ | 450 | 40 | 1680 | |
| ARC42U15▲ | 150 | 42 | 1769 | |
| ARC42U30▲ | 300 | 42 | 1769 | |
| ARC42U45▲ | 450 | 42 | 1769 | |
| ARC45U15 | 150 | 45 | 1902 | |
| ARC45U30 | 300 | 45 | 1902 | |
| ARC45U45▲ | 450 | 45 | 1902 | |



ARC18U15



ARC24U30



ARC40U15



ARC45U45

▲ Available on request

Data ICT Accessories

Accessories to suit all product ranges in this catalogue



Cable Zone Kits

Designed for mounting onto the side of a cabinet, optimising accessibility and space available for cabling and cable management products. The kit consists of top and bottom plinths, front and rear cover panels (with standard latching) and all fixings required for installation onto the rack.

To suit cabinets & frames

| Part Number | Width (mm) | RU | Depth (mm) | Product Range |
|-------------|------------|----|------------|---------------|
| AC40U06▲ | 100 | 40 | 600 | Ausrack Plus |
| AC40U09 | 100 | 40 | 900 | |
| AC40U11▲ | 100 | 40 | 1100 | |
| AC45U06▲ | 100 | 45 | 600 | |
| AC45U08▲ | 100 | 45 | 800 | |
| AC45U09 | 100 | 45 | 900 | |
| AC45U10▲ | 100 | 45 | 1000 | |
| AC45U11 | 100 | 45 | 1100 | |
| AC45U12▲ | 100 | 45 | 1200 | |
| AC40U206▲ | 200 | 40 | 600 | Ausrack Plus |
| AC40U209▲ | 200 | 40 | 900 | |
| AC40U211▲ | 200 | 40 | 1100 | |
| AC45U206▲ | 200 | 45 | 600 | |
| AC45U209 | 200 | 45 | 900 | |
| AC45U211 | 200 | 45 | 1100 | |
| AC45U212▲ | 200 | 45 | 1200 | |
| AC47U212▲ | 200 | 47 | 1200 | |

Cable zone blanking panels are available. Please see page 36.

200mmW cable zone can be used in between bayed racks and cabinets



AC40U06



AC45U12



AC47U212



Illustration of Cable Zones added to a B&R rack.

▲ Available on request

Data ICT Accessories

Accessories to suit all product ranges in this catalogue

Cable Zone Bases & Cover Panels

Separate bases and cover panels are available to build-your-own cable zone kit. This allows for different latching options to be chosen for a cable zone

Bases

| Part Number | | | | To suit cabinets & frames |
|-------------|-----------|------------|------------|---------------------------|
| Standard | Hinged | Width (mm) | Depth (mm) | Product Range |
| ACBP106▲ | ACBP106H▲ | 100 | 600 | Ausrack Plus |
| ACBP108▲ | ACBP108H▲ | 100 | 800 | |
| ACBP109▲ | ACBP109H▲ | 100 | 900 | |
| ACBP110▲ | ACBP110H▲ | 100 | 1000 | |
| ACBP111▲ | ACBP111H▲ | 100 | 1100 | |
| ACBP112▲ | ACBP112H▲ | 100 | 1200 | |
| ACBP206▲ | ACBP206H▲ | 200 | 600 | |
| ACBP208▲ | ACBP208H▲ | 200 | 800 | |
| ACBP209▲ | ACBP209H▲ | 200 | 900 | |
| ACBP210▲ | ACBP210H▲ | 200 | 1000 | |
| ACBP211▲ | ACBP211H▲ | 200 | 1100 | |
| ACBP212▲ | ACBP212H▲ | 200 | 1200 | |



Cover Panels

| Part Number | | | | | To suit cabinets & frames |
|-------------|-------------|----------------|----------------|----|---------------------------|
| Standard | Hinged | External Latch | Internal Latch | RU | Product Range |
| ACCP18U10▲ | ACCP18U10H▲ | ACCP18U10EL▲ | ACCP18U10IL▲ | 18 | Ausrack Plus |
| ACCP18U20▲ | ACCP18U20H▲ | ACCP18U20EL▲ | ACCP18U20IL▲ | 18 | |
| ACCP24U10▲ | ACCP24U10H▲ | ACCP24U10EL▲ | ACCP24U10IL▲ | 24 | |
| ACCP24U20▲ | ACCP24U20H▲ | ACCP24U20EL▲ | ACCP24U20IL▲ | 24 | |
| ACCP27U10▲ | ACCP27U10H▲ | ACCP27U10EL▲ | ACCP27U10IL▲ | 27 | |
| ACCP27U20▲ | ACCP27U20H▲ | ACCP27U20EL▲ | ACCP27U20IL▲ | 27 | |
| ACCP40U10▲ | ACCP40U10H▲ | ACCP40U10EL▲ | ACCP40U10IL▲ | 40 | |
| ACCP40U20▲ | ACCP40U20H▲ | ACCP40U20EL▲ | ACCP40U20IL▲ | 40 | |
| ACCP42U10▲ | ACCP42U10H▲ | ACCP42U10EL▲ | ACCP42U10IL▲ | 42 | |
| ACCP42U20▲ | ACCP42U20H▲ | ACCP42U20EL▲ | ACCP42U20IL▲ | 42 | |
| ACCP45U10▲ | ACCP45U10H▲ | ACCP45U10EL▲ | ACCP45U10IL▲ | 45 | |
| ACCP45U20▲ | ACCP45U20H▲ | ACCP45U20EL▲ | ACCP45U20IL▲ | 45 | |
| ACCP47U10▲ | ACCP47U10H▲ | ACCP47U10EL▲ | ACCP47U10IL▲ | 47 | |
| ACCP47U20▲ | ACCP47U20H▲ | ACCP47U20EL▲ | ACCP47U20IL▲ | 47 | |
| ACCP48U10▲ | ACCP48U10H▲ | ACCP48U10EL▲ | ACCP48U10IL▲ | 48 | |
| ACCP48U20▲ | ACCP48U20H▲ | ACCP48U20EL▲ | ACCP48U20IL▲ | 48 | |



▲ Available on request

Data ICT Accessories

Accessories to suit all product ranges in this catalogue

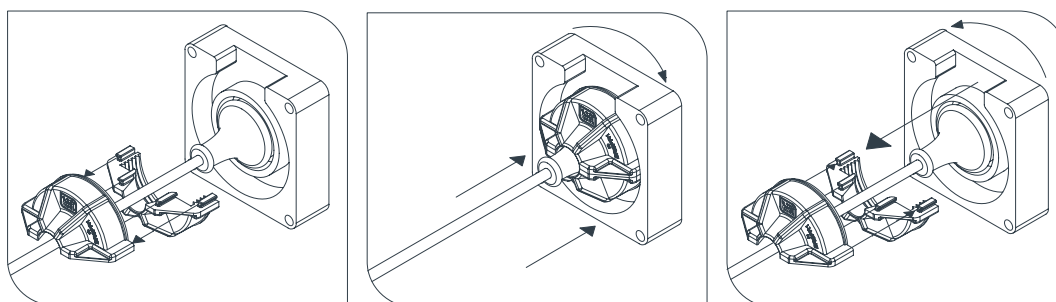


Captive Plug Ring

- An easy-split mechanism allows plug ring to be retro-fitted without cutting the lead.
- Will suit most 10A or 15A single phase moulded SAA plugs.
- Will screw onto typical IP66 sockets similar to the 56 series.
- Clear design makes it easier to view plug for inspection.
- Manufactured from polycarbonate



| Part Number | Finish | Sold as | Carton Qty |
|-------------|-------------|-------------|------------|
| BRSPR1 | Transparent | Single Plug | 10 |



Copper Earth Bars

Installation of a copper earth bar into a data rack or cabinet will allow the active equipment to be grounded, providing protection from static electricity build up.

| Part Number | Description | RU | Product Range |
|-------------|--|----|---|
| ARPEB18U▲ | Vertical 25mm x 3mm flat bar with 5.5mm holes | 18 | Ausrack Plus, CQr, TxD, IP, Field FE & iLINQ |
| ARPEB24U▲ | | 24 | |
| ARPEB27U▲ | | 27 | |
| ARPEB40U▲ | | 40 | |
| ARPEB42U▲ | | 42 | |
| ARPEB45U | | 45 | |
| ARPEB47U▲ | | 47 | |
| ARPEB48U▲ | | 48 | |
| ARPEBH1U▲ | Horizontal | 1 | All B&R Data ICT cabinets and frames |

ARPEB18U

ARPEB27U

ARPEB40U

ARPEB45U

▲ Available on request

Data ICT Accessories

Accessories to suit all product ranges in this catalogue

Mesh Doors - Single

To maximise airflow all mesh doors consist of 63% or 60% open mesh and include a lockable wing knob and two point locking as standard (keyed to 92268). Electronic remote controlled, monitored locking systems, swing handles, custom keying and 3-point locking (ARP3L) are available on request.

| Part Number | Description | To suit cabinets & frames | | Product Range |
|-------------|--|---------------------------|------------|---------------|
| | | RU | Width (mm) | |
| ARDM18U06▲ | Single Mesh Steel Doors (63% open mesh) | 18 | 600 | Ausrack Plus |
| ARDM18U08▲ | | 18 | 800 | |
| ARDM24U06▲ | | 24 | 600 | |
| ARDM24U08 | | 24 | 800 | |
| ARDM27U06▲ | | 27 | 600 | |
| ARDM27U08▲ | | 27 | 800 | |
| ARDM40U06▲ | | 40 | 600 | |
| ARDM40U08▲ | | 40 | 800 | |
| ARDM42U06▲ | | 42 | 600 | |
| ARDM42U08▲ | | 42 | 800 | |
| ARDM45U06 | | 45 | 600 | |
| ARDM45U08 | | 45 | 800 | |
| ARDM47U06▲ | | 47 | 600 | |
| ARDM47U08▲ | | 47 | 800 | |
| ARDM48U06▲ | | 48 | 600 | |
| ARDM48U08▲ | | 48 | 800 | |
| ATDM45U06▲ | Single Mesh Steel Doors (63% open mesh) | 45 | 600 | Ausrack TxD |
| ATDM45U08▲ | | 45 | 800 | |
| ARDXM12U06 | Single Mesh Steel Doors (60% open mesh) | 12 | 600 | onyX |
| ARDXM18U06▲ | | 18 | 600 | |
| ARDXM22U06▲ | | 22 | 600 | |
| ARDXM24U06 | | 24 | 600 | |
| ARDXM32U06▲ | | 32 | 600 | |
| ARDXM42U06▲ | | 42 | 600 | |
| ARDXM42U08 | | 42 | 800 | |
| ARDXM45U06▲ | | 45 | 600 | |
| ARDXM45U08▲ | | 45 | 800 | |
| ARDXM47U06▲ | | 47 | 600 | |
| ARDXM47U08▲ | | 47 | 800 | |



Data ICT Accessories

Accessories to suit all product ranges in this catalogue



Mesh Doors - Split

To maximise airflow all mesh doors consist of 63% or 60% open mesh and include a lockable wing knob and two point locking as standard (keyed to 92268). Electronic remote controlled, monitored locking systems, swing handles, custom keying and 3-point locking (ARP3L) are available on request.

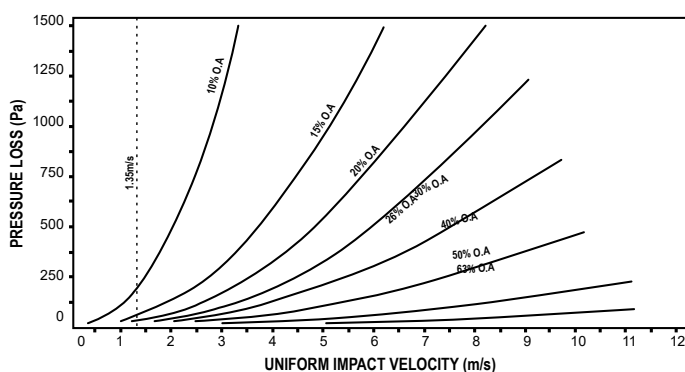
| Part Number | Description | To suit cabinets & frames | | |
|--------------|---|---------------------------|------------|---------------|
| | | RU | Width (mm) | Product Range |
| ARDD18U06▲ | Split Mesh Steel Doors (63% open mesh) | 18 | 600 | Ausrack Plus |
| ARDD18U08▲ | | 18 | 800 | |
| ARDD24U06▲ | | 24 | 600 | |
| ARDD24U08▲ | | 24 | 800 | |
| ARDD27U06▲ | | 27 | 600 | |
| ARDD27U08▲ | | 27 | 800 | |
| ARDD40U06▲ | | 40 | 600 | |
| ARDD40U08▲ | | 40 | 800 | |
| ARDD42U06▲ | | 42 | 600 | |
| ARDD42U08▲ | | 42 | 800 | |
| ARDD45U06▲ | | 45 | 600 | |
| ARDD45U08 | | 45 | 800 | |
| ARDD47U06▲ | | 47 | 600 | |
| ARDD47U08▲ | | 47 | 800 | |
| ARDD48U06▲ | | 48 | 600 | |
| ARDD48U08▲ | | 48 | 800 | |
| ATDD45U06▲ | Split Mesh Steel Doors (63% open mesh) | 45 | 600 | Ausrack TxD |
| ATDD45U08▲ | | 45 | 800 | |
| ARDXDD42U06▲ | Split Mesh Steel Doors (60% open mesh) | 42 | 600 | onyX |
| ARDXDD42U08▲ | | 42 | 800 | |
| ARDXDD45U06▲ | | 45 | 600 | |
| ARDXDD45U08▲ | | 45 | 800 | |
| ARDXDD47U06 | | 47 | 600 | |
| ARDXDD47U08▲ | | 47 | 800 | |



ARDD

Why 60-63% Mesh Doors Will Work For You

Pressure Loss vs Impact Velocity For Various Open Area Perforated Plates
Source: Industrial Perforators Association (1993)



In many applications of mesh doors, the pressure loss through the door is one of the design considerations.

As seen in the graph, B&R's 60-63% mesh doors will have a negligible pressure drop at these velocities. Most computer room air conditioners generate more than 20Pa of pressure, more than enough to overcome the pressure drop at the door in a containment situation.

For example, in a data centre environment, a 15kW heat load in a 45RU cabinet would require 3500m³/h of airflow. This is equivalent of a 1.35m/s impact velocity. In a containment situation with a positive aisle pressure this will be more than the pressure drop of the doors and the equipment will receive sufficient air flow.

With such a negligible restriction to airflow, the higher percentages available in the market have no real advantage. The 60-63% mesh was developed as a cross over point of functional performance and higher security.

Data ICT Accessories

Accessories to suit all product ranges in this catalogue

Window Doors

Window doors are available with an acrylic insert panel. An option is also available for venting for airflow. All doors include a lockable wing knob and two point locking as standard. (keyed to 92268) Electronic remote controlled, monitored locking systems, swing handles, custom keying and 3-point locking (ARP3L) are available on request.

| Part Number | Description | To suit cabinets & frames | |
|-------------|----------------------------|---------------------------|------------|
| | | RU | Width (mm) |
| ARDA18U06▲ | Acrylic Window Door | 18 | 600 |
| ARDA18U08▲ | | 18 | 800 |
| ARDA24U06▲ | | 24 | 600 |
| ARDA24U08▲ | | 24 | 800 |
| ARDA27U06▲ | | 27 | 600 |
| ARDA27U08▲ | | 27 | 800 |
| ARDA40U06▲ | | 40 | 600 |
| ARDA40U08▲ | | 40 | 800 |
| ARDA42U06▲ | | 42 | 600 |
| ARDA42U08▲ | | 42 | 800 |
| ARDA45U06▲ | | 45 | 600 |
| ARDA45U08 | | 45 | 800 |
| ARDA47U06▲ | | 47 | 600 |
| ARDA47U08▲ | | 47 | 800 |
| ARDA48U06▲ | | 48 | 600 |
| ARDA48U08▲ | | 48 | 800 |
| ATDA45U06▲ | Acrylic Window Door | 45 | 600 |
| ATDA45U08▲ | | 45 | 800 |
| ARAV24U06▲ | Vented Acrylic Window Door | 24 | 600 |
| ARAV24U08▲ | | 24 | 800 |
| ARAV40U06▲ | | 40 | 600 |
| ARAV40U08▲ | | 40 | 800 |
| ARAV45U06▲ | | 45 | 600 |
| ARAV45U08▲ | | 45 | 800 |



ARDA

▲ Available on request

Data ICT Accessories

Accessories to suit all product ranges in this catalogue



Steel Doors

All steel doors include a lockable wing knob and two point locking as standard (keyed to 92268).

Electronic remote controlled, monitored locking systems, swing handles, custom keying and 3-point locking (ARP3L) are available on request.

| Part Number | Description | To suit cabinets & frames | | |
|-------------|-------------------|---------------------------|------------|--------------|
| | | RU | Width (mm) | Range |
| ARDS18U06▲ | Single Steel Door | 18 | 600 | Ausrack Plus |
| ARDS18U08▲ | | 18 | 800 | |
| ARDS24U06▲ | | 24 | 600 | |
| ARDS24U08▲ | | 24 | 800 | |
| ARDS27U06▲ | | 27 | 600 | |
| ARDS27U08▲ | | 27 | 800 | |
| ARDS40U06▲ | | 40 | 600 | |
| ARDS40U08▲ | | 40 | 800 | |
| ARDS42U06▲ | | 42 | 600 | |
| ARDS42U08▲ | | 42 | 800 | |
| ARDS45U06▲ | | 45 | 600 | |
| ARDS45U08 | | 45 | 800 | |
| ARDS47U06▲ | | 47 | 600 | |
| ARDS47U08▲ | | 47 | 800 | |
| ARDS48U06▲ | | 48 | 600 | |
| ARDS48U08▲ | | 48 | 800 | |
| ATDS45U06▲ | Single Steel Door | 45 | 600 | Ausrack TxD |
| ATDS45U08▲ | | 45 | 800 | |
| ARSS24U06▲ | Split Steel Doors | 24 | 600 | Ausrack Plus |
| ARSS24U08▲ | | 24 | 800 | |
| ARSS40U06▲ | | 40 | 600 | |
| ARSS40U08▲ | | 40 | 800 | |
| ARSS45U06▲ | | 45 | 600 | |
| ARSS45U08▲ | | 45 | 800 | |



ARDS



ARSS

▲ Available on request

Data ICT Accessories

Accessories to suit all product ranges in this catalogue

Equipment Rails

Equipment rails are L-shaped with mounting on either edge (i.e 19" and 21" can be placed in a 19" or 21" configuration).

Vertical

| Part Number | Description | Size | RU | To suit cabinets & frames | |
|-------------|-------------------|---------|----|---------------------------|---------------|
| | | | | Width (mm) | Product Range |
| ARMR12U▲ | Pair | 19" | 12 | | Ausrack Plus |
| ARMR24U▲ | Pair | 19" | 24 | | |
| ARMR40U▲ | Pair | 19" | 40 | | |
| ARMR45U▲ | Pair | 19" | 45 | | |
| IPRU11 | Rail kit | 19" | 11 | 600 | Ausrack IP |
| IPRU11/800▲ | Rail kit | 19" | 11 | 800 | |
| IPRU15 | Rail kit | 19" | 15 | 600 | |
| IPRU15/800▲ | Rail kit | 19" | 15 | 800 | |
| IPRU24 | Rail kit | 19" | 24 | 600 | |
| IPRU24/800▲ | Rail kit | 19" | 24 | 800 | |
| IPRU32▲ | Rail kit | 19" | 32 | 600 | |
| IPRU32/800▲ | Rail kit | 19" | 32 | 800 | |
| IPRU38▲ | Rail kit | 19" | 38 | 600 | |
| IPRU38/800▲ | Rail kit | 19" | 38 | 800 | |
| IPRU42▲ | Rail kit | 19" | 42 | 600 | |
| IPRU42/800▲ | Rail kit | 19" | 42 | 800 | |
| ATMR45U619▲ | Standard (Pair) | 19" | 45 | 600 | Ausrack TxD |
| ATMR45U621▲ | | 21" | 45 | 600 | |
| ATMR45U819▲ | | 19" | 45 | 800 | |
| ATMR45U821▲ | | 21" | 45 | 800 | |
| ATMR45U823▲ | | 23" | 45 | 800 | |
| ATMR45U826▲ | | 26" | 45 | 800 | |
| ATMR45U6A▲ | Reversible (Pair) | 19"/21" | 45 | 600 | Ausrack TxD |
| ATMR45U8A▲ | | 19"/21" | 45 | 800 | |
| ATMR45U8B▲ | | 19"/23" | 45 | 800 | |
| ATMR45U8C▲ | | 21"/23" | 45 | 800 | |



ATMR45U6A



ATMR45U8A



ATMR45U819



ATMR45U823

Horizontal

| Part Number | Description | To suit cabinets & frames | |
|-------------|--------------------|---------------------------|---------------|
| | | Depth (mm) | Product Range |
| ARMS06▲ | Horizontal support | 600 | Ausrack Plus |
| ARMS09▲ | Horizontal support | 900 | |
| ARMS11▲ | Horizontal support | 1100 | |
| ATMS09▲ | Horizontal support | 900 | |
| ATMS10▲ | Horizontal support | 1000 | Ausrack TxD |
| ATMS12▲ | Horizontal support | 1200 | |

Horizontal supports are used to attach short 19" mounting rails.



ARMS

▲ Available on request

Data ICT Accessories

Accessories to suit all product ranges in this catalogue



Fans

Both the two and four unit fan kits install into the roof or a bottom plinth. The two unit fan kit can also be fitted into the equipment rails. All fans are supplied with 2m flex and 10A SAA plug.

| Part Number | No. of Fans | Description | Enclosure | | | To Suit Enclosure |
|-------------|-------------|---|-----------|----------------|------------------|---|
| | | | RU | Air flow (cmf) | Noise level (dB) | |
| ARWX2F | 2 | Kit - 2 way roof fan with integrated thermostat | - | 170 | 45 | Wall onlyX |
| ARXAF2▲ | 2 | Kit - 2 way roof fan with integrated thermostat | - | | 45 | Floor onlyX |
| ARPAF2▲ | 2 | High speed, axial | 1 | 190 | 45 | Ausrack Plus, Patch, IP, Field FE & iLINQ |
| ARPAF2T | 2 | High speed, axial, with integrated thermostat | 1 | | 45 | |
| ARPAF2WT▲ | 2 | Whisper quiet with integrated thermostat | 1 | 110 | 26 | |
| ARXAF4U80*▲ | 4 | Kit - 800 deep 2 way roof fan with integrated thermostat | - | 340 | 45 | Floor onlyX |
| ARPAF4*▲ | 4 | High speed, axial, roof mounted | - | 380 | 45 | Ausrack Plus & CQr |
| ARPAF4T*▲ | 4 | High speed, axial, with integrated thermostat, roof mounted | - | | 45 | |
| ARPAF4WT*▲ | 4 | Whisper quiet with integrated thermostat, roof mounted | - | 220 | 26 | |
| ACQRDI4F▲ | 4 | 4 fans | - | 400 | 45 | Ausrack CQr |
| ACQRDI8F▲ | 8 | 2 Sets with 4 fans each set | - | 800 | 45 | |

All fans have a 10 Amp 3-pin plug on the power cable.

Units with 2 fans have an airflow of 220cfm. Units with 4 fans have an airflow of 440cfm.

Whisper quiet unit with 2 fans has an airflow of 110cfm and a unit with 4 fans has an airflow if 220cfm.



ARPAF2



ARPAF2WT



ARPAF4



ARPAF4T

▲ Available on request

Data ICT Accessories

Accessories to suit all product ranges in this catalogue

General Accessories

| Part Number | Product | To suit enclosure |
|-------------|--|---------------------------------|
| ARPRK | Heavy duty roller kit 800kg load, adds 10mm to height of cabinet | Ausrack Plus, CQr & TxD |
| ARPFK | Adjustable foot kit, pack of 4 | Ausrack Plus & CQr |
| ATFK▲ | Adjustable foot kit, pack of 4 | Ausrack TxD |
| ATIFMK▲ | Insulated floor mounting kit with anchors | |
| ARPSSK▲ | Stabiliser kit | |
| ARPBK | Baying kit, pack of 4 brackets | Ausrack Plus |
| ARP3L▲ | 3 point locking kit, suits all doors except split doors | |
| ARSPIL▲ | Side panel internal latch kit, pack of 2 | |
| ARFXBK | Baying kit, pack of 4 brackets | onyX Floor onyX Floor Server |
| ARFXKEYF | Door key, keyed to 92268 | onyX Floor |
| ARXSPL | Side panel lock kit, single | onyX |
| ARSPL | Side panel lock kit, keyed to 92268 | Ausrack Plus |
| ATSPL▲ | Side panel lock kit, keyed to 92268 | |
| ATEKDR▲ | Earth cable for door. Split doors need two (2) | Ausrack TxD |
| ATEKSP▲ | Earth cable for side panel | |
| ACQRDSK▲ | Door sensor kit, pack of 2 | Ausrack CQr |
| ES06U▲ | 6RU swing frame | Ausrack IP |
| ARBG06▲ | Gland plate base - 600W x 600D | Ausrack Plus |
| ARBG09▲ | Gland plate base - 600W x 900D | |
| ARBG11▲ | Gland plate base - 600W x 1100D | |
| ARCH | Chimney | |
| ARDELSK▲ | Earth lead kit | |
| ALJK▲ | Adjustable joiner kit, 600D - 1200D | Ausrack Patch |
| ARCN | Cage nuts, screws and washers Pack of 50 | |
| ARSTUD20▲ | Rack Studs, pack of 20 | All B&R Data ICT products |
| ARSTUD100▲ | Rack Studs, pack of 100 | |
| ARWB1U | Light duty wall mount 19" brackets. | 1RU x 500mmW x 200mmD |
| ARWB2U▲ | Suitable when cabinet mounting is not practical and space is limited. One side is hinged to allow patch panels and equipment | 2RU x 500mmW x 200mmD |
| ARWB4U▲ | to be swung out for rear access. | 4RU x 500mmW x 200mmD |



ARWB1U &
ARWB2U



ARCN



ARSTUD100

▲ Available on request

Data ICT Accessories

Accessories to suit all product ranges in this catalogue



ARPRK



ARPSSK



ARCH



ARPFK



ALJK



ARPBK

Plinths

Provide a fixed base for the cabinet and also a working space underneath the cabinet for the cables.

| Part Number | Height (mm) | Width (mm) | Depth (mm) | To suit cabinets & frames |
|-------------|----------------|---------------|---------------|-----------------------------------|
| ARXP610▲ | 100 | 600 | 1000 | onyX Floor & onyX Floor Server |
| ARXP62▲ | 100 | 600 | 1200 | |
| ARXP66▲ | 100 | 600 | 600 | |
| ARXP68▲ | 100 | 600 | 800 | |
| ARXP69▲ | 100 | 600 | 960 | |
| ARXP810▲ | 100 | 800 | 1000 | |
| ARXP82▲ | 100 | 800 | 1200 | |
| ARXP88▲ | 100 | 800 | 800 | |
| ARXP89▲ | 100 | 800 | 960 | |



ARXP88
(set up without fixings)



ARXP88
(parts and fixings)

▲ Available on request

Ausrack Power Rails & Intelligent PDU's

Power distribution products



- Suitable for distribution of 10A and 15A circuits to a number of 10A SAA outlets or IEC outlets inside an enclosure.
- Horizontal and vertical power rails used for power distribution inside cabinets and enclosures.
- Also available with surge protection options.
- Suitable for use in all Ausrack cabinets.
- Custom power rails are available on request.

Comes standard with:

- Power rail
- 2m lead
- Mounting brackets
- All fixing hardware



ARPRV101015

ORDER GUIDE - STANDARD

| Part Number | Orientation | RU | Description | Product Range |
|---------------|-------------|----|---|---|
| ARPRH61010 | Horizontal | 1 | 6 x 10A SAA Outlet 10A SAA Plug | All B&R Data ICT cabinets and frames |
| ARPRH61015 | | 1 | 6 x 10A SAA Outlet 15A SAA Plug | |
| ARPRH101010 | | 2 | 10 x 10A SAA Outlet 10A SAA Plug | |
| ARPRH101015 | | 2 | 10 x 10A SAA Outlet 15A SAA Plug | |
| ARPRV61010 | Vertical | 10 | 6 x 10A SAA Outlet 10A SAA Plug | Ausrack Plus, CQr, TxD, Patch, IP, Field FE & iLINQ |
| ARPRV61015▲ | | 10 | 6 x 10A SAA Outlet 15A SAA Plug | |
| ARPRV101010 | | 16 | 10 x 10A SAA Outlet 10A SAA Plug | |
| ARPRV101015 | | 16 | 10 x 10A SAA Outlet 15A SAA Plug | |
| ARPRV201010 | | 28 | 20 x 10A SAA Outlet 10A SAA Plug | |
| ARPRV201015 | | 28 | 20 x 10A SAA Outlet 15A SAA Plug | |
| ARPRV10C13C14 | | 16 | 10 x 10A IEC320-C13 Outlet, 10A IEC320-C14 Plug | |
| ARPRV10C13C20 | | 16 | 10 x 10A IEC320-C13 Outlet, 16A IEC320-C20 Plug | |



ARPRH61015



ARPRV61015



ARPRH101010



ARPRH61010



ARPRH101015



ARPRV10C13C14

▲ Available on request

Ausrack Power Rails & Intelligent PDU's

Power distribution products



ORDER GUIDE - SURGE PROTECTION

| Part Number | Orientation | RU | Description | Product Range |
|--------------|-------------|----|---------------------------------------|---|
| ARPRHS61010 | Horizontal | 1 | 6 x 10A SAA Outlet, 10A Captive Plug | All B&R Data ICT cabinets and frames |
| ARPRHS61015▲ | | 1 | 6 x 10A SAA Outlet, 15A Captive Plug | |
| ARPRVS101015 | Vertical | 17 | 10 x 10A SAA Outlet, 15A Captive Plug | Ausrack Plus, CQr, TxD, Patch, IP, Field FE & iLINQ |



ARPRHS61010

Intelligent PDU's and Customised Power Rail Solutions

Intelligent PDUs, or iPDUs, are a small but essential part of the data centre energy supply chain. An Intelligent PDU works like a brain within the rack, providing comprehensive, accurate energy measurement data needed to reduce waste, enhance operations, and prove the business case for optimisation.

The Intelligent Power Distribution Unit sits within the rack continually looking for threats from electrical circuit overloads, and any physical or environmental conditions which might place critical IT computing loads at risk.

B&R is able to provide a range of Intelligent PDU's to suit any Data ICT project application. Speak to one of our team about your requirements today.

PDU Brackets

Allows for PDU's to be installed to the rack using many different configurations.

| Part Number | Description | To suit cabinets & frames | | Product Range |
|--------------|-------------|---------------------------|------------|---|
| | | Width (mm) | Depth (mm) | |
| ARXPRBK▲ | Single PDU | 800 | - | onyX Floor & onyX Floor Server (with cable management removed) |
| ARXPDUBK45U▲ | Single PDU | 800 | | onyX Floor & onyX Floor Server (with cable management removed) |
| ARPDUBRK600▲ | Single PDU | 600 | | Ausrack Plus |
| ARPDUBRK800▲ | Double PDU | 800 | | |
| ATPDUBRK600▲ | Single PDU | 600 | | Ausrack TxD |
| ATPDUBRK800▲ | Double PDU | 800 | | |



ARPDUBRK800

Suitable for use with 'button mount' PDU's.



ARXPRBK

▲ Available on request

Data ICT Accessories

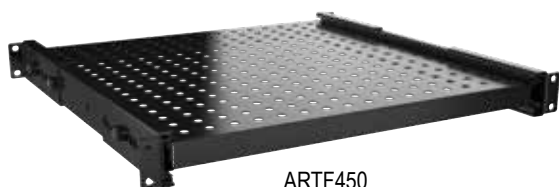
Accessories to suit all product ranges in this catalogue

Shelves

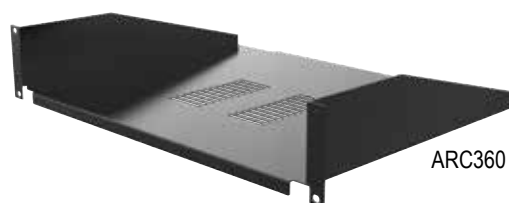
Providing a stable platform for other miscellaneous gear, shelving mounts off the 19" rack rails. All shelves are vented to allow vertical airflow.

| Part Number | Description | RU | Depth (mm) | Load Rating (kg) | Suit Cabinet Depth | Product Range |
|-------------|-------------------------------------|----|------------|------------------|--------------------|---|
| ARTF450 | Telescopic, full extension | 1 | 450 | 20 | 600mm deep | All B&R Data ICT cabinets and frames |
| ARTF750 | | 1 | 750 | 20 | 900mm deep | onyX Floor, onyX Server, Ausrack Plus, CQr, TxD, Field FE & iLINQ |
| ARTF950▲ | | 1 | 950 | 20 | 1100mm deep | |
| ARTH450▲ | Telescopic, half extension, locking | 1 | 450 | 40 | 600mm deep | All B&R Data ICT cabinets and frames |
| ARTH750▲ | | 1 | 750 | 40 | 900mm deep | onyX Floor, onyX Server, Ausrack Plus, CQr, TxD, Field FE & iLINQ |
| ARTH950▲ | | 1 | 950 | 40 | 1100mm deep | onyX Floor, onyX Server, Ausrack Plus, CQr, TxD & iLINQ |
| ARC360 | Cantilever | 2 | 360 | 10 | — | All B&R Data ICT cabinets and frames *excluding all ARIP <400mm deep |
| ARC210 | | 2 | 210 | 10 | — | |
| ARPCS150▲ | | 2 | 150 | 10 | — | All B&R Data ICT cabinets and frames |
| ARPCS250▲ | | 2 | 250 | 10 | — | |
| ARPCS350▲ | | 2 | 350 | 10 | — | |
| ARPCS450▲ | | 2 | 450 | 10 | — | |
| ARWX450CS | | 2 | 450 | 10 | — | |
| ARXKBC350 | Keyboard shelf | 1 | 350 | 10 | 600 | onyX |
| ARXKBC550▲ | | 1 | 550 | 10 | 800 | |
| ARKBC▲ | Keyboard pivot tray accessory* | 2 | — | — | — | All B&R Data ICT cabinets and frames |

* Requires half extension telescopic shelf to mount.



ARTF450



ARC360



ARKBC



ARPCS250
shown from rear



ARPCS450

▲ Available on request

Data ICT Accessories

Accessories to suit all product ranges in this catalogue



Shelves

Providing a stable platform for other miscellaneous gear, shelving mounts off the 19" rack rails. All shelves are vented to allow vertical airflow.

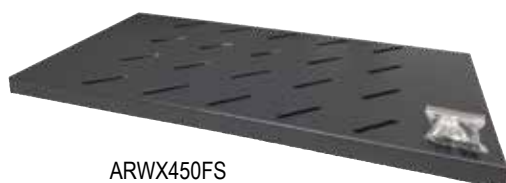
| Part Number | Description | RU | Depth (mm) | Load Rating (kg) | Suit Cabinet Depth (mm) | Product Range |
|-------------|-------------------|----|------------|------------------|-------------------------|---|
| ARXFL350 | Fixed, light duty | 1 | 350 | 20 | 600 | onyX |
| ARXFL550 | | 1 | 550 | 20 | 800 | |
| ARXFL710 | | 1 | 710 | 20 | 1000 | |
| ARWX450FS | | 1 | 450 | 20 | 450 | |
| ARWX600FS▲ | | 1 | 600 | 20 | 600 | |
| ARPFL600 | | 1 | 450 | 50 | 600 | All B&R Data ICT cabinets and frames |
| ARPFL800 | | 1 | 650 | 50 | 800 | onyX Floor, onyX Server, Ausrack Plus, CQr, TxD, Field FE & iLINQ |
| ARPFL900 | | 1 | 750 | 50 | 900 | onyX Floor, onyX Server, Ausrack Plus, CQr, TxD & iLINQ |
| ARPFL1000 | | 1 | 850 | 50 | 1000 | |
| ARPFL1100 | | 1 | 950 | 50 | 1100 | |
| ARPFL1200 | | 1 | 1050 | 50 | 1200 | |
| ARPFH600 | Fixed, heavy duty | 1 | 450 | 160 | 600 | All B&R Data ICT cabinets and frames |
| ARPFH800▲ | | 1 | 650 | 160 | 800 | onyX Floor, onyX Server, Ausrack Plus, CQr, TxD, Field FE & iLINQ |
| ARPFH900▲ | | 1 | 750 | 160 | 900 | onyX Floor, onyX Server, Ausrack Plus, CQr, TxD & iLINQ |
| ARPFH1000▲ | | 1 | 850 | 160 | 1000 | |
| ARPFH1100 | | 1 | 950 | 160 | 1100 | |
| ARPFH1200 | | 1 | 1050 | 160 | 1200 | |



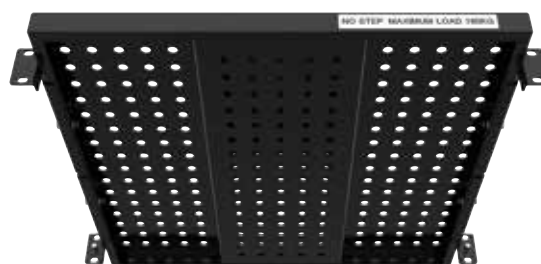
ARPFL600



ARPFH600



ARWX450FS



ARPFH600 - shows underside reinforcing for heavy duty load.

▲ Available on request

Data ICT Accessories

Accessories to suit all product ranges in this catalogue

Side Cladding (Panels)

Side panels include venting and are easy-to-fit using locating pins and slam latches. They can be locked into the frame for added security using either an external key lock kit (ARSPL) or an internal latch kit (ARSPL).

Privacy Panels are a secure method of providing security to a single cabinet when cabinets are bayed together, by using either a non-removable panel, or a removable set of panels. These panels can also segregate air to ensure no cross cabinet mixing.

| Part Number | | To suit cabinets & frames | | |
|-------------|----------------|---------------------------|------------|---------------|
| Side Panels | Privacy Panels | RU | Depth (mm) | Product Range |
| ARP18U06▲ | | 18 | 600 | Ausrack Plus |
| ARP18U08▲ | | 18 | 800 | |
| ARP18U09▲ | | 18 | 900 | |
| ARP18U10▲ | | 18 | 1000 | |
| ARP18U11▲ | | 18 | 1100 | |
| ARP18U12▲ | | 18 | 1200 | |
| ARP24U06▲ | | 24 | 600 | Ausrack Plus |
| ARP24U08 | | 24 | 800 | |
| ARP24U09▲ | | 24 | 900 | |
| ARP24U10▲ | | 24 | 1000 | |
| ARP24U11▲ | | 24 | 1100 | |
| ARP24U12▲ | | 24 | 1200 | |
| ARP27U06▲ | | 27 | 600 | Ausrack Plus |
| ARP27U08▲ | | 27 | 800 | |
| ARP27U09▲ | | 27 | 900 | |
| ARP27U10▲ | | 27 | 1000 | |
| ARP27U11▲ | | 27 | 1100 | |
| ARP27U12▲ | | 27 | 1200 | |
| ARP40U06▲ | ARPP40U06▲ | 40 | 600 | Ausrack Plus |
| ARP40U08▲ | ARPP40U08▲ | 40 | 800 | |
| ARP40U09 | ARPP40U09▲ | 40 | 900 | |
| ARP40U10▲ | ARPP40U10▲ | 40 | 1000 | |
| ARP40U11▲ | ARPP40U11▲ | 40 | 1100 | |
| ARP40U12▲ | ARPP40U12▲ | 40 | 1200 | |
| ARP42U06▲ | ARPP42U06▲ | 42 | 600 | Ausrack Plus |
| ARP42U08▲ | ARPP42U08▲ | 42 | 800 | |
| ARP42U09▲ | ARPP42U09▲ | 42 | 900 | |
| ARP42U10 | ARPP42U10▲ | 42 | 1000 | |
| ARP42U11▲ | ARPP42U11▲ | 42 | 1100 | |
| ARP42U12▲ | ARPP42U12▲ | 42 | 1200 | |
| ARP45U06▲ | ARPP45U06▲ | 45 | 600 | Ausrack Plus |
| ARP45U08▲ | ARPP45U08▲ | 45 | 800 | |
| ARP45U09 | ARPP45U09▲ | 45 | 900 | |
| ARP45U10 | ARPP45U10▲ | 45 | 1000 | |
| ARP45U11 | ARPP45U11▲ | 45 | 1100 | |
| ARP45U12 | ARPP45U12 | 45 | 1200 | |
| ARP47U06▲ | ARPP47U06▲ | 47 | 600 | Ausrack Plus |
| ARP47U08▲ | ARPP47U08▲ | 47 | 800 | |
| ARP47U09▲ | ARPP47U09▲ | 47 | 900 | |
| ARP47U10▲ | ARPP47U10▲ | 47 | 1000 | |
| ARP47U11▲ | ARPP47U11▲ | 47 | 1100 | |
| ARP47U12▲ | ARPP47U12▲ | 47 | 1200 | |
| ARP48U06▲ | ARPP48U06▲ | 48 | 600 | Ausrack Plus |
| ARP48U08▲ | ARPP48U08▲ | 48 | 800 | |
| ARP48U09▲ | ARPP48U09▲ | 48 | 900 | |
| ARP48U10▲ | ARPP48U10▲ | 48 | 1000 | |
| ARP48U11▲ | ARPP48U11▲ | 48 | 1100 | |
| ARP48U12▲ | ARPP48U12▲ | 48 | 1200 | |



ARP42U08



ARPP45U12

▲ Available on request

Data ICT Accessories

Accessories to suit all product ranges in this catalogue



Side Panels

Include venting and are easy to fit using locating pins and flush mounted slam latches. They can be locked using an external lock kit (ATSPL). Cabinets can be bayed together with or without side panels fitted.

| Part Number | To suit Ausrack TxD cabinets | |
|-------------|------------------------------|------------|
| | RU | Depth (mm) |
| ATSP45U09▲ | 45 | 900 |
| ATSP45U10▲ | 45 | 1000 |
| ATSP45U12▲ | 45 | 1200 |

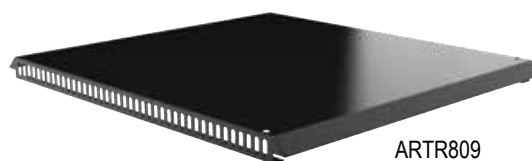
Top Covers

Used to enclose the frame's top plinth section. Raised top covers feature ventilation for airflow and can be used in conjunction with fans (see page 45).

| Part Number | Description | To suit cabinets & frames | | |
|-------------|-------------|---------------------------|------------|---------------|
| | | Width (mm) | Depth (mm) | Product Range |
| ATTF609▲ | Flat | 600 | 900 | Ausrack TxD |
| ATTF610▲ | | 600 | 1000 | |
| ATTF612▲ | | 600 | 1200 | |
| ATTF809▲ | | 800 | 900 | |
| ATTF810▲ | | 800 | 1000 | |
| ATTF812▲ | | 800 | 1200 | |
| ARTF606▲ | Flat | 600 | 600 | Ausrack Plus |
| ARTF609▲ | | 600 | 900 | |
| ARTF610▲ | | 600 | 1000 | |
| ARTF611▲ | | 600 | 1100 | |
| ARTF612▲ | | 600 | 1200 | |
| ARTF808▲ | | 800 | 800 | |
| ARTF809▲ | | 800 | 900 | |
| ARTF811▲ | | 800 | 1100 | |
| ARTR606▲ | Raised | 600 | 600 | Ausrack Plus |
| ARTR609▲ | | 600 | 900 | |
| ARTR610▲ | | 600 | 1000 | |
| ARTR611▲ | | 600 | 1100 | |
| ARTR612▲ | | 600 | 1200 | |
| ARTR809▲ | | 800 | 900 | |
| ARTR810▲ | | 800 | 1000 | |
| ARTR811▲ | | 800 | 1100 | |
| ARTR812▲ | | 800 | 1200 | |



ARTF808



ARTR809



ARTR809 - shown from underneath.

▲ Available on request

Ausrack IP

19 inch cabinets for harsh environments



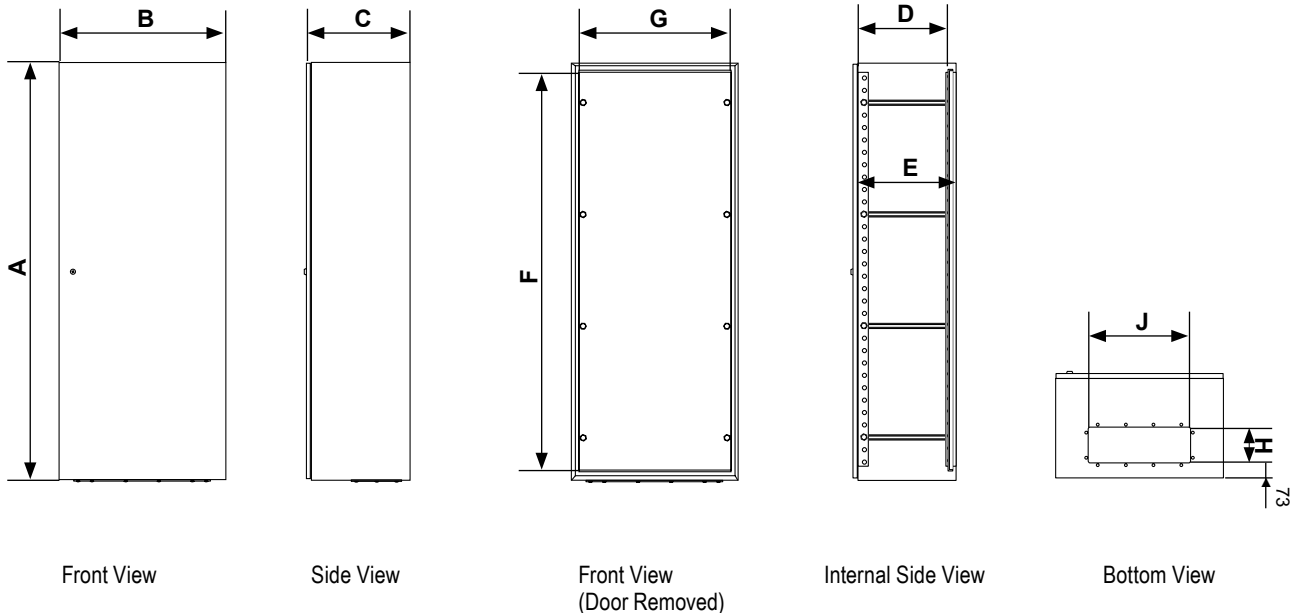
- 19" cabinet system designed to protect sensitive equipment from harsh environments.
- Suitable for protecting equipment from dust and water.
- Designed to accommodate small to medium passive patching networks.
- Easy cabling via gland plate.
- Front or rear depth adjustable 19" rack rails.
- Manufactured from 1.6mm zinc coated steel or 1.5mm 316 stainless steel.

Comes standard with:

- Front and rear adjustable 19" rack rails
- Gland plate (fitted internally or externally)
- 7mm square turnbuckle lock (on units <1600mm high)
- Lockable L handles (1600mm high & above)
- 3-point locking
- Removable back
- Door rails
- Earth strap kit



TECHNICAL DRAWINGS



ORDERING GUIDE

Zinc Coated Steel

| | | Dimensions (mm) | | | | | | | | | |
|-------------|----|-----------------|-----------|-----------|------------------|-----------|--------------|-----------|---------------|-----------|-------------|
| | | External | | | | Internal | Opening Size | | Gland Opening | | Weight (kg) |
| | | Height (A) | Width (B) | Depth (C) | Usable Depth (D) | Depth (E) | Height (F) | Width (G) | Height (H) | Width (J) | |
| Part Number | RU | | | | | | | | | | |
| ARIP11U64 | 11 | 600 | 600 | 400 | 360 | 380 | 540 | 540 | 170 | 490 | 33.0 |
| ARIP15U64 | 15 | 800 | 600 | 400 | 360 | 380 | 740 | 540 | 170 | 490 | 39.9 |
| ARIP15U65 | 15 | 800 | 600 | 500 | 460 | 480 | 740 | 540 | 170 | 490 | 44.9 |
| ARIP15U66 | 15 | 800 | 600 | 600 | 560 | 580 | 740 | 540 | 170 | 490 | 50.0 |
| ARIP24U64 | 24 | 1200 | 600 | 400 | 360 | 380 | 1140 | 540 | 170 | 490 | 56.0 |
| ARIP24U65▲ | 24 | 1200 | 600 | 500 | 460 | 480 | 1140 | 540 | 170 | 490 | 62.0 |
| ARIP24U66 | 24 | 1200 | 600 | 600 | 560 | 580 | 1140 | 540 | 170 | 490 | 74.0 |
| ARIP32U66 | 32 | 1600 | 600 | 600 | 560 | 580 | 1540 | 540 | 170 | 490 | 84.0 |
| ARIP38U65▲ | 38 | 1800 | 600 | 500 | 460 | 480 | 1740 | 540 | 170 | 490 | 94.5 |
| ARIP42U65▲ | 42 | 2000 | 600 | 500 | 460 | 480 | 1940 | 540 | 170 | 490 | 95.5 |
| ARIP42U66▲ | 42 | 2000 | 600 | 600 | 560 | 580 | 1940 | 540 | 170 | 490 | 112.0 |

Stainless Steel

| | | Dimensions (mm) | | | | | | | | | | | |
|--------------|----|-----------------|--------------|--------------|---------------------|--------------|---------------|--------------|---------------|--------------|----------------|-----|------|
| | | External | | | | Internal | Opening Size | | Gland Opening | | | | |
| | | Height (A) | Width (B) | Depth (C) | Usable Depth (D) | Depth (E) | Height (F) | Width (G) | Height (H) | Width (J) | Weight (kg) | | |
| Part Number | RU | ARIP11U64/S | 11 | 600 | 600 | 400 | 360 | 380 | 540 | 540 | 170 | 490 | 33.0 |
| ARIP15U64/S | 15 | 800 | 600 | 400 | 360 | 380 | 740 | 540 | 170 | 490 | 35.0 | | |
| ARIP15U65/S | 15 | 800 | 600 | 500 | 460 | 480 | 740 | 540 | 170 | 490 | 42.0 | | |
| ARIP15U66/S | 15 | 800 | 600 | 600 | 560 | 580 | 740 | 540 | 170 | 490 | 47.0 | | |
| ARIP24U64/S▲ | 24 | 1200 | 600 | 400 | 360 | 380 | 1140 | 540 | 170 | 490 | 53.0 | | |
| ARIP24U65/S▲ | 24 | 1200 | 600 | 500 | 460 | 480 | 1140 | 540 | 170 | 490 | 57.5 | | |
| ARIP24U66/S▲ | 24 | 1200 | 600 | 600 | 560 | 580 | 1140 | 540 | 170 | 490 | 70.0 | | |
| ARIP32U66/S▲ | 32 | 1600 | 600 | 600 | 560 | 580 | 1540 | 540 | 170 | 490 | 79.0 | | |
| ARIP38U65/S▲ | 38 | 1800 | 600 | 500 | 460 | 480 | 1740 | 540 | 170 | 490 | 88.5 | | |
| ARIP42U65/S▲ | 42 | 2000 | 600 | 500 | 460 | 480 | 1940 | 540 | 170 | 490 | 89.5 | | |
| ARIP42U66/S▲ | 42 | 2000 | 600 | 600 | 560 | 580 | 1940 | 540 | 170 | 490 | 106.0 | | |

ACCESSORIES QUICK SELECTION

| Accessories | Page No. | Accessories | Page No. | Accessories | Page No. |
|-------------------|----------|---------------------|----------|-------------------------------|----------|
| Blanking Panels | 36 | Equipment Rails | 50 | Door Stay | 62 |
| Brush Strips | 37 | Fans | 51 | Fan Kits & Filters | 63 |
| Cable Management | 38 - 40 | General Accessories | 52 | Lights, Plinths & Rainhoods | 64 |
| Cable Trays | 42 | Power Distribution | 54 | Swing Frames & Mounting Rails | 65 |
| Captive Plug Ring | 45 | Shelves | 56 - 57 | Vent Hoods & Kits | 66 |
| Copper Earth Bars | 45 | 19" Mounting Rails | 62 | Wall Mounting Brackets | 66 |

Ausrack IP Additional Accessories

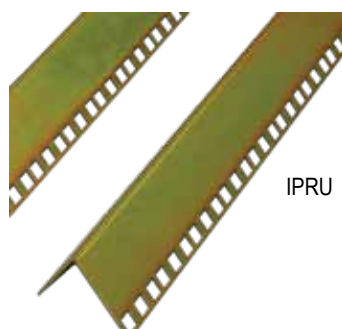
Additional accessories suitable for the IP cabinet only

19" Mounting Rails

Suitable for the installation of 19 inch mounted equipment

| Part Number | Height (mm) | IP21214 | IP21214/S | IP21294 | IP21294/S | IP29214 | IP29214/S | IP29215 | IP29215/S | IP29216 | IP29216/S | IP29294 | IP29294/S | IP45214 | IP45214/S | IP45215 | IP45215/S | IP45216 | IP45216/S | IP45294 | IP45294/S | IP45295 | IP45295/S | IP61216 | IP61216/S | IP69215 | IP69215/S | IP69295 | IP69295/S | IP77215 | IP77215/S | IP77216 | IP77216/S | IP77295 | IP77295/S | IP77296 | IP77296/S | | | |
|-------------|-------------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---|---|---|
| UV19* | 1946 | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | |
| IPRU11 | 536 | • | • | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| IPRU15 | 758 | | | | | • | • | • | • | • | • | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| IPRU24 | 1158 | | | | | | | | | | | | | • | • | • | • | • | • | | | | | | | | | | | | | | | | | | | | | |
| IPRU32▲ | 1469 | | | | | | | | | | | | | | | | | | | | | | | • | • | | | | | | | | | | | | | | | |
| IPRU38▲ | 1736 | | | | | | | | | | | | | | | | | | | | | | | | | • | • | | | | | | | | | | | | | |
| IPRU42▲ | 1958 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| IPRU11/800▲ | 536 | | | • | • | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| IPRU15/800▲ | 758 | | | | | | | | | | | • | • | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| IPRU24/800▲ | 1158 | | | | | | | | | | | | | | | | | | | • | • | • | • | | | | | | | | | | | | | | | | | |
| IPRU32/800▲ | 1469 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| IPRU38/800▲ | 1736 | | | | | | | | | | | | | | | | | | | | | | | | | | | | • | • | | | | | | | | | | |
| IPRU42/800▲ | 1958 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | • | • | • | • |

* Cut to size



Door Stay

Ensures the door remains open even in windy weather, for the safety of people working on the installed equipment.

| Part Number | ARIP11U64 | ARIP11U64/S | ARIP15U64 | ARIP15U64/S | ARIP15U65 | ARIP15U65/S | ARIP15U66 | ARIP15U66/S | ARIP24U64 | ARIP24U64/S | ARIP24U65 | ARIP24U65/S | ARIP24U66 | ARIP24U66/S | ARIP32U66 | ARIP32U66/S | ARIP38U65 | ARIP38U65/S | ARIP42U65 | ARIP42U65/S | ARIP42U66 | ARIP42U66/S |
|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|
| IPDS | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |



▲ Available on request

Ausrack IP Additional Accessories

Additional accessories suitable for the IP cabinet only



Fan Kits

Can be installed into the roof or externally on the enclosure to provide added ventilation. Please note that by the nature of external fan kits, the enclosure will not be rated to IP66 if fitted.

| Part Number | Description | ARIP11U64 | ARIP11U64/S | ARIP15U64 | ARIP15U64/S | ARIP15U65 | ARIP15U65/S | ARIP15U66 | ARIP15U66/S | ARIP24U64 | ARIP24U64/S | ARIP24U65 | ARIP24U65/S | ARIP24U66 | ARIP24U66/S | ARIP32U66 | ARIP32U66/S | ARIP38U65 | ARIP38U65/S | ARIP42U65 | ARIP42U65/S | ARIP42U66 | ARIP42U66/S |
|--------------|--|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|
| ARPAF2▲ | 2-unit, in-roof install | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| ARPAF2T | Thermostat controlled, in-roof install | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| TX-FAN12BN0A | 55m³/h, external install | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| TX-FAN23BN0A | 110m³/hr, external install | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| TX-FAN25BN0A | 230m³/h, external install | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| TX-FAN35BN0A | 550m³/h, external install | | | | | • | • | • | • | | | • | • | • | • | • | • | • | • | • | • | • | • |



ARPAF2T



TX-FAN23BN0A

Filters - IP44

Range of filters mounted to the outside of the enclosure and can be used in conjunction with any fans.

| Part Number | Dimensions (mm) | | | ARIP11U64 | ARIP11U64/S | ARIP15U64 | ARIP15U64/S | ARIP15U65 | ARIP15U65/S | ARIP15U66 | ARIP15U66/S | ARIP24U64 | ARIP24U64/S | ARIP24U65 | ARIP24U65/S | ARIP24U66 | ARIP24U66/S | ARIP32U66 | ARIP32U66/S | ARIP38U65 | ARIP38U65/S | ARIP42U65 | ARIP42U65/S | ARIP42U66 | ARIP42U66/S |
|--------------|-----------------|-------|-------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|
| | Height | Width | Depth | | | | | | | | | | | | | | | | | | | | | | |
| TX-FIL12XN0A | 150 | 150 | 25 | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| TX-FIL25XN0A | 250 | 250 | 31 | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| TX-FIL35XN0A | 325 | 325 | 33 | | | | | • | • | • | • | | | • | • | • | • | • | • | • | • | • | • | • | • |

▲ Available on request

Ausrack IP Additional Accessories

Additional accessories suitable for the IP cabinet only

Light Kit

For safety and to ensure easy installation and maintenance of equipment. The light kit comes complete with on-off switch, rail and fittings required for installation.

| Part Number | Description | To suit width (mm) | ARIP11U64 | ARIP11U64/S | ARIP15U64 | ARIP15U64/S | ARIP15U65 | ARIP15U65/S | ARIP15U66 | ARIP15U66/S | ARIP24U64 | ARIP24U64/S | ARIP24U65 | ARIP24U65/S | ARIP24U66 | ARIP24U66/S | ARIP32U66 | ARIP32U66/S | ARIP38U65 | ARIP38U65/S | ARIP42U65 | ARIP42U65/S | ARIP42U66 | ARIP42U66/S |
|-------------|----------------------|--------------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|
| IPLTK06▲ | Complete kit | 600 | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| BRLED500 | LED 12V light, 500mm | – | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| IPLKB06* | Mounting kit | 600 | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |

* IPLKB06 required to mount BRLED product.

Plinths - Channel Iron

Designed for use when mounting enclosures on the floor. Galvanised steel.

| Part Number | Dimensions (mm) | | | ARIP11U64 | ARIP11U64/S | ARIP15U64 | ARIP15U64/S | ARIP15U65 | ARIP15U65/S | ARIP15U66 | ARIP15U66/S | ARIP24U64 | ARIP24U64/S | ARIP24U65 | ARIP24U65/S | ARIP24U66 | ARIP24U66/S | ARIP32U66 | ARIP32U66/S | ARIP38U65 | ARIP38U65/S | ARIP42U65 | ARIP42U65/S | ARIP42U66 | ARIP42U66/S |
|-------------|-----------------|-------|-------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|
| | Height | Width | Depth | | | | | | | | | | | | | | | | | | | | | | |
| IPPC214 | 75 | 600 | 371 | • | • | • | • | | | | | • | • | | | | | | | | | | | | |
| IPPC215 | 75 | 600 | 471 | | | | | • | • | | | | | • | • | | | | | • | • | • | • | | |
| IPPC216 | 75 | 600 | 571 | | | | | | | • | • | | | | | • | • | • | • | | | | | • | • |

Rainhoods

Designed to shed water from the top of the enclosure and to prevent water from pooling on the enclosure top. They include an overhang of 14mm.

| Part Number | Material | Dimensions (mm) | | | ARIP11U64 | ARIP11U64/S | ARIP15U64 | ARIP15U64/S | ARIP15U65 | ARIP15U65/S | ARIP15U66 | ARIP15U66/S | ARIP24U64 | ARIP24U64/S | ARIP24U65 | ARIP24U65/S | ARIP24U66 | ARIP24U66/S | ARIP32U66 | ARIP32U66/S | ARIP38U65 | ARIP38U65/S | ARIP42U65 | ARIP42U65/S | ARIP42U66 | ARIP42U66/S |
|-------------|---------------------|-----------------|-------|-------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|
| | | Height | Width | Depth | | | | | | | | | | | | | | | | | | | | | | |
| IPRH214 | Powdercoated steel | 30 | 600 | 414 | • | | • | | | | | | • | | | | | | | | | | | | | |
| IPRH215▲ | | 30 | 600 | 514 | | | | | • | | | | | | • | | | | | | • | | • | | | |
| IPRH216▲ | | 30 | 600 | 614 | | | | | | | • | | | | | | | • | | • | | | | | • | |
| IPRH214/S | 316 stainless steel | 30 | 600 | 414 | | • | | • | | | | | | • | | | | | | | | | | | | |
| IPRH215/S▲ | | 30 | 600 | 514 | | | | | | • | | | | | | • | | | | | | • | | • | | |
| IPRH216/S | | 30 | 600 | 614 | | | | | | | | • | | | | | | • | | • | | | | | | • |



BRLED500



IPPC



IPRH
side profile when
attached to enclosure



IPRH

▲ Available on request

Ausrack IP Additional Accessories

Additional accessories suitable for the IP cabinet only



Swing Frames

Used to install 19" rack mounted equipment and provides access without having to remove the rear panel.

| Part Number | RU | IP21214 | IP21214/S | IP21294 | IP21294/S | IP29214 | IP29214/S | IP29215 | IP29215/S | IP29216 | IP29216/S | IP29294 | IP29294/S | IP45214 | IP45214/S | IP45215 | IP45215/S | IP45216 | IP45216/S | IP45294 | IP45294/S | IP45295 | IP45295/S | IP61216 | IP61216/S | IP69215 | IP69215/S | IP69295 | IP69295/S | IP77215 | IP77215/S | IP77216 | IP77216/S | IP77295 | IP77295/S | IP77296 | IP77296/S | | | | |
|-------------|----|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---|---|---|---|
| Light Duty | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LQSF03RU▲ | 3 | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | | |
| LQSF06RU▲ | 6 | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | | |
| LQSF09RU▲ | 9 | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | | |
| LQSF12RU▲ | 12 | | | | | | | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | |
| LQSF15RU▲ | 15 | | | | | | | | | | | | | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | |
| LQSF18RU▲ | 18 | | | | | | | | | | | | | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | |
| Heavy Duty | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LQSF22RU▲ | 22 | | | | | | | | | | | | | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | |
| LQSF27RU▲ | 27 | | | | | | | | | | | | | | | | | | | | | | | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | |
| LQSF31RU▲ | 31 | | | | | | | | | | | | | | | | | | | | | | | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | |
| LQSF36RU▲ | 36 | | | | | | | | | | | | | | | | | | | | | | | | | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| LQSF40RU▲ | 40 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

[▲] Available on request

Swing Frame Mounting Rails

To suit IP swing frames. These mount top and bottom off the horizontal C rail. One kit needed per swing frame.

| Part Number | Product | Width (mm) | IP21214 | IP21214/S | IP21294 | IP21294/S | IP29214 | IP29214/S | IP29215 | IP29215/S | IP29216 | IP29216/S | IP29294 | IP29294/S | IP45214 | IP45214/S | IP45215 | IP45215/S | IP45216 | IP45216/S | IP45294 | IP45294/S | IP45295 | IP45295/S | IP61216 | IP61216/S | IP69215 | IP69215/S | IP69295 | IP69295/S | IP77215 | IP77215/S | IP77216 | IP77216/S | IP77295 | IP77295/S | IP77296 | IP77296/S | | |
|-------------|------------|------------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|--|--|
| IPLRF06▲ | Light-duty | 600 | • | • | | | • | • | • | • | • | • | | | • | • | • | • | • | • | | | | | • | • | • | • | | | • | • | • | • | | | | | | |
| IPLRF08▲ | | 800 | | | • | • | | | | | | | • | • | | | | | | | • | • | • | • | | | | | • | • | | | | | • | • | • | • | | |
| IPHRF06▲ | Heavy-duty | 600 | • | • | | | • | • | • | • | • | • | | | • | • | • | • | • | • | | | | | • | • | • | • | | | • | • | • | • | | | | | | |
| IPHRF08▲ | | 800 | | | • | • | | | | | | | • | • | | | | | | | • | • | • | • | | | | | • | • | | | | | • | • | • | • | | |



Light Duty



Heavy Duty

[▲] Available on request

Ausrack IP Additional Accessories

Additional accessories suitable for the IP cabinet only

Vent Hoods

Designed to suit B&R's range of fans and filters and ensure that the fan is protected mechanically and to further protect from water and dust ingress.

| Part Number | Material | ARIP11U64 | ARIP11U64/S | ARIP15U64 | ARIP15U64/S | ARIP15U65 | ARIP15U65/S | ARIP15U66 | ARIP15U66/S | ARIP24U64 | ARIP24U64/S | ARIP24U65 | ARIP24U65/S | ARIP24U66 | ARIP24U66/S | ARIP32U66 | ARIP32U66/S | ARIP38U65 | ARIP38U65/S | ARIP42U65 | ARIP42U65/S | ARIP42U66 | ARIP42U66/S |
|-------------|---------------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|
| IPVH12 | Powdercoated steel | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | |
| IPVH25 | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | |
| IPVH35 | | | | | | • | | • | | | | • | | • | | • | | • | | • | | • | |
| IPVH12/S | 316 stainless steel | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • |
| IPVH25/S | | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • |
| IPVH35/S | | | | | | • | | • | | | | • | | • | | • | | • | | • | | • | |

Vent Kits - External

Ensures the enclosure does not become excessively hot by allowing natural circulation of air. The vent kit includes a gasket, insert filter and fittings. Please note that by the nature of this item, the enclosure will not be rated to IP66.

| Part Number | Material | Dimensions (mm) | | | To suit cut-out (mm) | | ARIP11U64 | ARIP11U64/S | ARIP15U64 | ARIP15U64/S | ARIP15U65 | ARIP15U65/S | ARIP15U66 | ARIP15U66/S | ARIP24U64 | ARIP24U64/S | ARIP24U65 | ARIP24U65/S | ARIP24U66 | ARIP24U66/S | ARIP32U66 | ARIP32U66/S | ARIP38U65 | ARIP38U65/S | ARIP42U65 | ARIP42U65/S | ARIP42U66 | ARIP42U66/S |
|-------------|---------------------|-----------------|-------|-------|----------------------|-------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|
| | | Height | Width | Depth | Height | Width | | | | | | | | | | | | | | | | | | | | | | |
| IPVK | Powdercoated steel | – | 130 | 130 | 80 | 80 | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | |
| IPVK/S | 316 stainless steel | – | 130 | 130 | 80 | 80 | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • | | • |

Wall Mounting Brackets

For ease of installation and fixing to the mounting surface, mounting brackets ensure optimum installation and safety. Supplied in a set of 4.

| Part Number | Product | ARIP11U64 | ARIP11U64/S | ARIP15U64 | ARIP15U64/S | ARIP15U65 | ARIP15U65/S | ARIP15U66 | ARIP15U66/S | ARIP24U64 | ARIP24U64/S | ARIP24U65 | ARIP24U65/S | ARIP24U66 | ARIP24U66/S | ARIP32U66 | ARIP32U66/S | ARIP38U65 | ARIP38U65/S | ARIP42U65 | ARIP42U65/S | ARIP42U66 | ARIP42U66/S |
|-------------|---------------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|
| IPWM | Zinc coated steel | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| IPWM/S | 316 stainless steel | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| IPWM/A | Aluminium (RAL7035) | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |



IPVH
(powdercoated)



IPVH
(stainless steel)



IPVK



IPVK/S





IPWM

Ausrack IP Additional Accessories

Additional accessories suitable for the IP cabinet only



Standard Locks

| Enclosure Height (mm) |  |  |
|-----------------------|---|---|
| <1600 | IP020 – chromed steel with 7mm square steel insert | Black powdercoated lock with 7mm square stainless steel insert |
| 1600+ | IP050 – lockable L handle keyed to 92268 | IP050/S – lockable L handle keyed to 92268 |

Lock Options

There are a number of lock options available that are suitable for use on all Ausrack IP enclosures. Contact your local sales representative to discuss your requirements.

| Product | Description | Part Number | Standard Lock/Insert | Alternative insert | Keys | |
|---------------------------|-----------------|-------------|------------------------------|--------------------|------------------|-------------|
| | | | | | Lockable handles | Zinc, 3-way |
| Turnbuckle | chromed steel | IP020 | 7mm square – steel | See below | – | SKZ |
| | stainless steel | IP020/S | 7mm square – stainless steel | See below | – | SKZ |
| Wing knob | lockable | IP030 | Key code 92268 | – | SK3 | – |
| | non-lockable | IP111 | – | – | – | – |
| T handle | lockable | IP040 | Key code 92268 | – | SK3 | – |
| L handle | lockable | IP050 | Key code 92268 | – | SK3 | – |
| | padlockable | IP052 | – | – | – | – |
| Swing handle, padlockable | chrome | IP060 | – | – | – | – |
| | stainless steel | IP060/S | – | – | – | – |

Lock Inserts for IP20 Locks

The IP20 locks are available with an option lock insert for use on all Ausrack IP enclosures. Contact your local sales engineer to discuss your requirements.

| To suit lock style | Description | To suit lock | Standard Insert | 3mm double bit pin | | 8mm square | | 8mm triangle | |
|---------------------|-----------------|--------------|------------------------------|--------------------|-----------------|------------|-----------------|--------------|-----------------|
| | | | | Steel | Stainless Steel | Steel | Stainless Steel | Steel | Stainless Steel |
| Turnbuckle | chromed steel | IP020 | 7mm square – steel | LKINS3P | – | LKINS8S | – | LKINS8T | – |
| | stainless steel | IP020/S | 7mm square – stainless steel | – | LKINS3P/S | – | LKINS8S/S | – | LKINS8T/S |
| Key required – zinc | | | SKZ | SKZ | SKZ | SK8 | SK8 | SKZ | SKZ |

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