



B&R ENCLOSURES

SLOPING ROOF ENCLOSURE SOLUTIONS

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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 one of Australia's largest enclosure manufacturers and electrical equipment integration specialists.

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.

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.

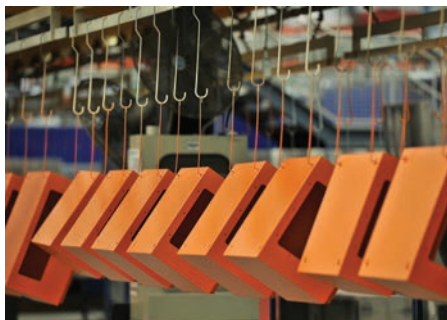
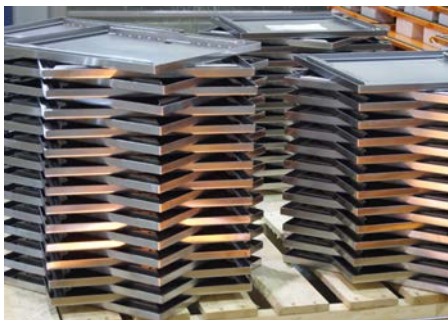
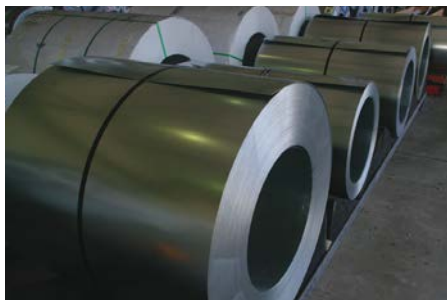
Electrical integration involves the installation, commissioning and testing of 3rd party components and we are adept at managing the acquisition and storage of technical components through a global supply chain that is structured, customised, agile, repeatable and results-based.

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.



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), Darwin (NT), Perth (WA)***
Sales and warehousing

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 (1,874²), 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 applications
- 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, 2000A high current switchboard temperature rise type testing, 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.



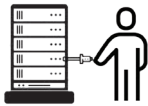
Collaboration

- 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 responsibilities seriously and take pride in fostering collaborative, open relationships with our project customers. Our approach ensures a comprehensive understanding of each project's unique needs, allowing us to deliver tailored solutions that meet diverse applications and technical specifications.

1. Our process begins with **INVESTIGATION**. Before reaching out to a customer or responding to an enquiry, we conduct thorough research into the customer, their project, and any relevant stakeholders.
2. The next step is **UNDERSTANDING**. We engage in detailed discussions with the customer to fully grasp their current challenges and future project goals. These conversations help us identify how our product solutions can address their specific needs.
3. With this valuable insight, we move to the third action: **SCOPING**. We collaborate with our in-house design, engineering, and estimating teams to assess the project requirements, prepare quotes, and create any necessary drawings.
4. Once we have developed a tailored solution, we address any potential variations and proceed to the fourth action: **AGREE**. Once all aspects are finalised and signed off, we move forward with manufacturing and equipment integration.
5. The fifth action is **DELIVERY**. We ensure that the finished product is shipped to the site in accordance with agreed timelines.
6. Finally, to continuously improve our service, we conduct an **EVALUATION**. We reflect on the project and, depending on its size and scope, seek customer feedback to confirm our performance and identify areas for improvement.



Our Customers



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 facility undergoes external audits to ensure compliance with strict ISO9001 standards. Our products are rigorously inspected at the end of the production line to guarantee they meet the demands of their intended environment and application.

Quality
ISO 9001




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.

Environment
ISO 14001




ISO 45001:2018

An externally audited Occupational Health and Safety Management System.

OHS
ISO 45001




RoHS

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



Australian Stainless Steel
Development Assoc.

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.

Industrial Enclosure Selection Tool

B&R offers a comprehensive range of industrial enclosures and integrated system solutions, providing reliable options for all your electrical enclosure needs. Whether you require a junction box, switchboard or a general-purpose enclosure, B&R has you covered.

With hundreds of enclosures available, including complete solutions, choosing the right one can be daunting. Our Industrial Size Selector tool is designed to simplify this process, helping you find the perfect match for your requirements. By considering factors such as size, material and level of protection, our tool makes it easier to narrow down your options.

Once you've made your selection, contact your local B&R sales rep or electrical wholesaler to assist you with any additional information needed and complete your purchase.

Go to www.brenclosures.com.au/industrial-enclosure-size-selection/ or simply scan the QR code below to get started.



Incline SR

Mining and Industrial Enclosures



- Designed for rugged industrial applications including local control stations, mini control consoles or motor isolators.
- Suitable for mine sites and sugar mills.
- 30° sloping roof and 20mm overhang to prevent build up of solids.
- Specially designed gutter system.
- Conformity, Approvals:
 - Lloyds Register #06/10007 (E2)
- Region D wind rated to AS1170.2-2002:
 - Structural design actions - Wind actions
- Manufactured from 1.5mm 316 stainless steel.
- N4 surface finish or powdercoated X15 orange.

Comes standard with:

- 2mm steel mounting pan powdercoated white
- Stainless steel gland plate
- Mounting flanges top & bottom
- Stainless steel lock with 7mm square stainless steel insert (NI020/S)
- Door rails
- Earth strap kit



ORDERING GUIDE

Part Number		Dimensions (mm)												Weight (kg)	No. of Locks
		External				Internal	Mounting Pan		Gland Opening		Mounting Centres				
Standard	X15 Orange	Height (A)	Width (B)	Depth (C)	Total Height (D)**	Usable Depth*(E)	Height (F)	Width (G)	Width (H)	Depth (I)	Height (J)	Width (K)			
SR03021/S	SR03021/SRO^	300	200	150	507	140	250	150	175	70	477	100	5.5	1	
SR04031/S	SR04031/SRO^	400	300	150	607	140	350	250	175	70	577	200	9	1	
SR03042/S◇	SR03042/SRO^	300	400	200	536	190	250	350	250	120	506	300	10	1	
SR04042/S◇	SR04042/SRO^	400	400	200	636	190	350	350	250	120	606	300	13	1	
SR06042/S◇	SR06042/SRO^	600	400	200	836	190	550	350	250	120	806	300	17	2	
SR04062/S◇	SR04062/SRO^	400	600	200	636	190	350	550	440	120	606	500	18	1	
SR08062/S◇	SR08062/SRO^	800	600	200	1036	190	750	550	440	120	1006	500	31	2	
SR10062/S◇	SR10062/SRO^	1000	600	200	1236	190	950	550	440	120	1206	500	37	2	
SR04063/S◇	SR04063/SRO^	400	600	300	694	290	350	550	440	120	663	500	21	1	
SR06063/S◇	SR06063/SRO^	600	600	300	894	290	550	550	440	120	863	500	28	2	
SR08063/S^	SR08063/SRO^^	800	600	300	1094	290	750	550	440	120	1063	500	35	2	

[▲] Available on request

* Mounting pan to inside of door

** Includes from bottom of enclosures to top mounting flange

◇ Includes vertical door rails

▲ Includes horizontal and vertical door rails



See **Page 30** for a range of lock options available for the Incline SR range.

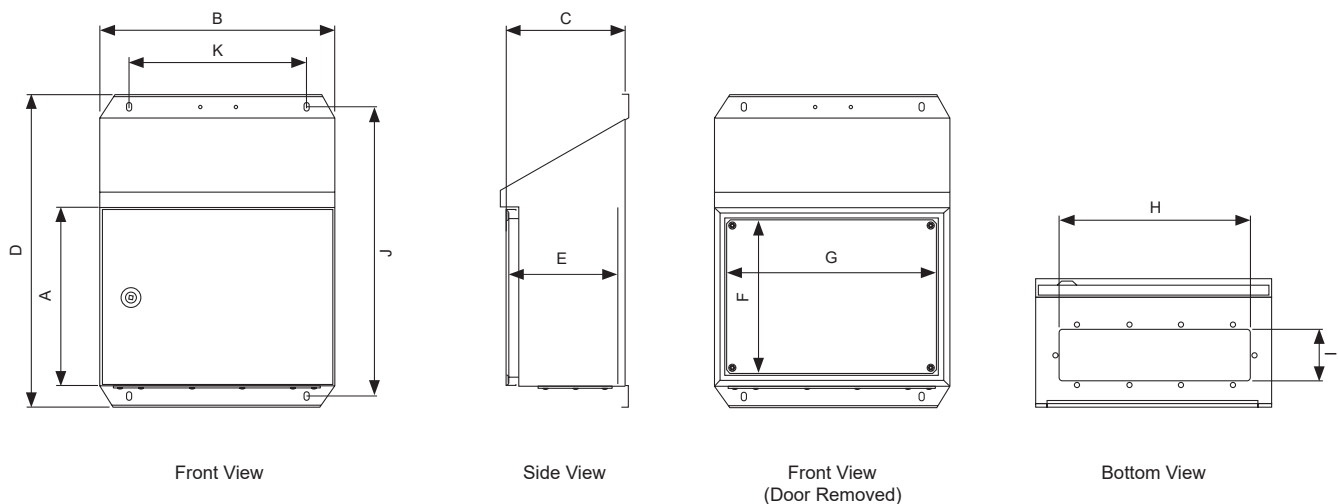
ACCESSORIES

Product	Description	Part Number	Dimensions (mm)			SR03021/S (/SRO)	SR04031/S (/SRO)	SR03042/S (/SRO)	SR04042/S (/SRO)	SR06042/S (/SRO)	SR04062/S (/SRO)	SR08062/S (/SRO)	SR10062/S (/SRO)	SR04063/S (/SRO)	SR06063/S (/SRO)	SR08063/S (/SRO)
			Height	Width	Thickness											
Mounting pan	Insulated	SRIMP032	250	150	6	•										
		SRIMP034	250	350	6		•	•								
		SRIMP044	350	350	6				•							
		SRIMP046 [▲]	350	550	6					•				•		
		SRIMP064	550	350	6				•							
		SRIMP066	550	550	6										•	
		SRIMP086 [▲]	750	550	6						•					•
		SRIMP106 [▲]	950	550	6							•				
Gland plate	Brass	SRBGP3/1	195	100	3	•	•									
		SRBGP3/2	290	160	3			•	•	•						
		SRBGP3/3	480	160	3						•	•	•	•	•	•
		SRBGP6/1	195	100	6	•	•									
		SRBGP6/2	290	160	6			•	•	•						
		SRBGP6/3	480	160	6						•	•	•	•	•	•
	316 stainless steel	SRS GP/1	195	100	1.5	•	•									
		SRS GP/2 [▲]	290	160	1.5			•	•	•						
		SRS GP/3 [▲]	480	160	1.5						•	•	•	•	•	•
	Aluminium	SRAGP6/1	195	100	6	•	•									
		SRAGP6/2	290	160	6			•	•	•						
		SRAGP6/3	480	160	6						•	•	•	•	•	•
External vent kit	316 stainless steel	IPVK/S	130	130	—	•	•	•	•	•	•	•	•	•	•	•
		IPVK/SRO [▲]	130	130	—	•	•	•	•	•	•	•	•	•	•	•
		IPVK16/S [▲]	260	260	—	▲	▲	▲	▲	▲	▲	▲	▲	•	•	•
		IPVK16/SRO [▲]	260	260	—	▲	▲	▲	▲	▲	▲	▲	▲	•	•	•
Replacement hinge	Kit	NI/H	—	—	—	•	•	•	•	•	•	•	•	•	•	•
Touch up paint (150g)	X15 Orange	TUP/P24	—	—	—	•	•	•	•	•	•	•	•	•	•	•

^ Fits door only

▲ Available on request

TECHNICAL DRAWING



Pilbara SP – Zinc Coated Steel

Mining and Industrial Enclosures



- Designed in sizes suitable for the most common mining, mineral processing and infrastructure projects.
 - Typically used in local control stations, mini control consoles or motor isolation control stations.
 - 30° sloping roof to prevent build up of water and solids.
 - Lifting lugs conform to AS4991: *Lifting Devices*.
 - One (1) tonne SWL on each lifting lug (excluding SP040425).
 - Easy installation with top and bottom mounting flanges.
 - Conformity, Approvals:
 - Lloyds Register #06/10007 (E2)
 - Region D wind rated to AS1170.2-2002:
 - Structural design actions - Wind actions
 - Manufactured from 2mm zinc coated steel.
 - Powdercoated X15 orange.
- Comes standard with:
- 2mm steel mounting pan powdercoated white
 - Chrome steel padlockable swing handle with LockSock®
 - 3-point locking (excluding SP040425 range)
 - 6mm aluminium gland plate
 - Lifting lugs (excluding SP040425 range)
 - Schedule holder (excluding SP040425 range)

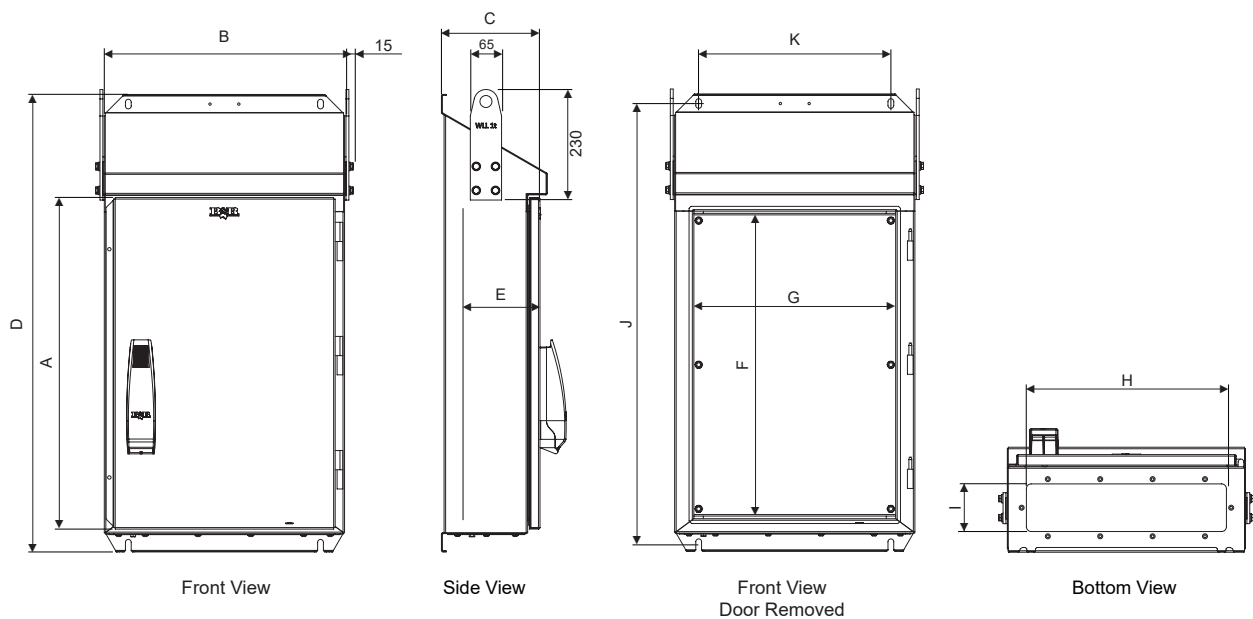


ORDERING GUIDE

Part Number	Dimensions (mm)											
	External				Internal	Mounting Pan		Gland Opening		Mounting Centres		Weight (kg)
	Height (A)	Width (B)	Depth (C)	Total Height (D)	Usable Depth (E)*	Height (F)	Width (G)	Width (H)	Depth (I)	Height (J)	Width (K)	
SP070522	700	500	200	952	153	630	430	420	100	920	400	39
SP100822	1000	800	200	1250	153	930	730	720	100	1218	700	73
SP040425	400	400	250	679	203	330	330	320	140	641	300	25
SP070535	700	500	350	1037	303	630	430	420	240	1005	400	47
SP100840	1000	800	400	1365	353	930	730	640	210	1334	600	88

* Mounting pan to inside of door

TECHNICAL DRAWINGS



ACCESSORIES

Product	Description	Part Number	Dimensions (mm)			SP070522	SP100822	SP040425	SP070535	SP100840
			Height	Width	Depth					
Hinged escutcheon		SPHE0404	325	320	18			•		
		SPHE0705	625	420	18	•			•	
		SPHE1008	925	720	18		•			•
Gland plate	Brass	SPGB32/6	380	200	6			•		
		SPGB41/6 [▲]	480	160	6	•				
		SPGB43/6	480	300	6				•	
		SPGB71/6 [▲]	780	160	6		•			
		SPGB72/6 [▲]	700	270	6					•
	Aluminium	SPGA32/6	380	200	6			•		
		SPGA41/6	480	160	6	•				
		SPGA43/6	480	300	6				•	
		SPGA71/6	780	160	6		•			
		SPGA72/6	700	270	6					•
Pintle hinge	316 stainless steel	SP/H/S	–	–	–	•	•	•	•	•
Retro-fit sunshades	Zinc coated steel (2mm) – powdercoated X15 Orange	SPSK040425 ^{*▲}	400	400	270			•		
		SPSK070522 [▲]	700	500	220	•				
		SPSK070535 [▲]	700	500	370				•	
		SPSK100822 [▲]	1000	800	220		•			
		SPSK100840 [▲]	1000	800	400					•
LED light kit	12V	BRLED300	–	300	–	•		•	•	
		BRLED500	–	500	–		•			
	24V	BRLED300/24	–	300	–	•		•	•	
		BRLED500/24	–	500	–					•
Light mounting kit	To suit LED light kits	IPLKB04 [▲]	–	–	–			•		
		SPLKB05 ^{*▲}	–	–	–	•			•	
		IPLKB08 [▲]	–	–	–		•			•

* Does not come with a front sunshade.

[▲] Light not included, purchased separately

[▲] Available on request



DID YOU KNOW?

Retrofitted sunshades offer added protection against rising internal temperatures. Enclosures with integrated sunshades are also available. For details, see pages **16-19**



See **Pages 32-33** for more information about B&R's range of lighting solutions or contact your local sales representative to discuss your requirements.

Pilbara SP – 316 Stainless Steel

Mining and Industrial Enclosures



- Designed in sizes suitable for the most common mining, mineral processing and infrastructure projects.
 - Typically used in local control stations, mini control consoles or motor isolation control stations.
 - 30° sloping roof to prevent build up of water and solids.
 - Lifting lugs conform to AS4991: *Lifting Devices*.
 - One (1) tonne SWL on each lifting lug (excluding SP040425).
 - Easy installation with top and bottom mounting flanges.
 - Conformity, Approvals:
 - Lloyds Register #06/10007 (E2)
 - Region D wind rated to AS1170.2-2002:
 - Structural design actions - Wind actions
 - Manufactured from 1.5mm 316 stainless steel.
 - N4 surface finish or powdercoated X15 orange.
- Comes standard with:
- 2mm steel mounting pan powdercoated white
 - Stainless steel padlockable swing handle with LockSock®
 - 3-point locking (excluding SP040425 range)
 - 2mm stainless steel gland plate
 - Lifting lugs (excluding SP040425 range)
 - Schedule holder (excluding SP040425 range)

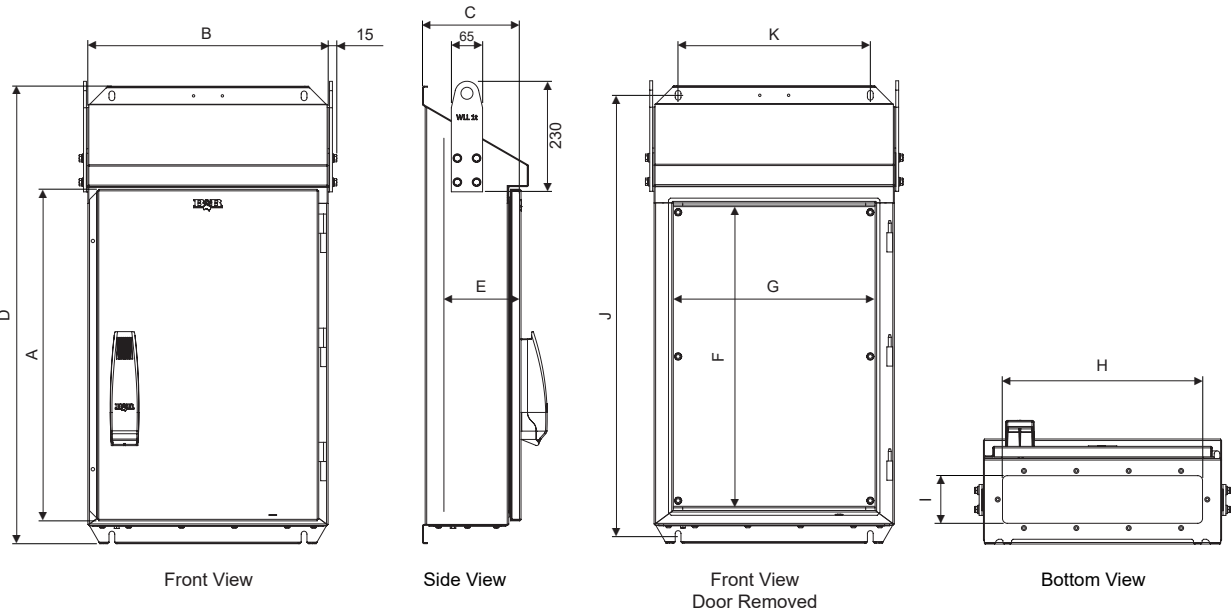


ORDERING GUIDE

Part Number		Dimensions (mm)													
		External				Internal	Mounting Pan		Gland Opening		Mounting Centres		Weight		
		Height (A)	Width (B)	Depth (C)	Total Height (D)	Usable Depth (E)*	Height (F)	Width (G)	Width (H)	Depth (I)	Height (J)	Width (K)	/S (kg)	/SRO (kg)	
316SS (N4)	X15 Orange														
SP070522/S	SP070522/SRO	700	500	200	952	153	630	430	420	100	920	400	34	35	
SP100822/S	SP100822/SRO	1000	800	200	1250	153	930	730	720	100	1218	700	61	65	
SP040425/S	SP040425/SRO	400	400	250	679	203	330	330	320	140	641	300	20	21	
SP070535/S	SP070535/SRO	700	500	350	1037	303	630	430	420	240	1005	400	40	42	
SP100840/S	SP100840/SRO	1000	800	400	1365	353	930	730	640	210	1334	600	73	78	

* Mounting pan to inside of door

TECHNICAL DRAWINGS



ACCESSORIES

Product	Description	Part Number	Dimensions (mm)			SP070522/S	SP100822/S	SP040425/S	SP070535/S	SP100840/S
			Height	Width	Depth					
Hinged escutcheon		SPHE0404	325	320	18			•		
		SPHE0705	625	420	18	•			•	
		SPHE1008	925	720	18		•			•
Gland plate	Brass	SPGB32/6	380	200	6			•		
		SPGB41/6 [▲]	480	160	6	•				
		SPGB43/6	480	300	6				•	
		SPGB71/6 [▲]	780	160	6		•			
	Aluminium	SPGB72/6 [▲]	700	270	6					•
		SPGA32/6	380	200	6			•		
		SPGA41/6	480	160	6	•				
		SPGA43/6	480	300	6				•	
		SPGA71/6	780	160	6		•			
		SPGA72/6	700	270	6					•
Pintle hinge	316 stainless steel	SP/H/S	–	–	–	•	•	•	•	•
Retro-fit sunshades*	316 stainless steel (1.5mm) - N4 finish	SPSK040425/S [▲]	400	400	270			•		
		SPSK070522/S [▲]	700	500	220	•				
		SPSK070535/S [▲]	700	500	370				•	
		SPSK100822/S [▲]	1000	800	220		•			
		SPSK100840/S [▲]	1000	800	400					•
	316 stainless steel (1.5mm) – X15 powdercoated	SPSK040425/SRO [▲]	400	400	270			•		
		SPSK070522/SRO [▲]	700	500	220	•				
		SPSK070535/SRO [▲]	700	500	370				•	
		SPSK100822/SRO [▲]	1000	800	220		•			
		SPSK100840/SRO [▲]	1000	800	400					•
LED light kit	12V	BRLED300	–	300	–	•		•	•	
		BRLED500	–	500	–		•			
	24V	BRLED300/24	–	300	–	•		•	•	
		BRLED500/24	–	500	–					•
Light mounting kit	To suit LED light kits	IPLKB04 [▲]	–	–	–			•		
		SPLKB05 [▲]	–	–	–	•			•	
		IPLKB08 [▲]	–	–	–		•			•

* Does not come with a front sunshade.

[▲] Light not included, purchased separately

[▲] Available on request



DID YOU KNOW?

Retrofitted sunshades offer added protection against rising internal temperatures. Enclosures with integrated sunshades are also available. For details, see pages **16-19**



See **Pages 32-33** for more information about B&R's range of lighting solutions or contact your local sales representative to discuss your requirements.

Pilbara SP with Sunshades – Zinc Coated Steel

Mining and Industrial Enclosures



- Designed for the most common mining, mineral processing and infrastructure projects.
- Used in local control stations, mini control consoles or motor isolation control stations.
- 30° sloping roof to prevent build up of water and solids.
- Lifting lugs conform to AS4991: *Lifting Devices*.
- One (1) tonne SWL on each lifting lug (excluding SP040425).
- Easy installation with top and bottom mounting flanges.
- Conformity, Approvals - Lloyds Register #06/10007 (E2)
- Region D wind rated to AS1170.2-2002: Structural design actions - Wind actions
- Powdercoated X15 orange and manufactured from
 - Enclosure - 2mm zinc coated steel
 - Sunshades - 1.6mm zinc coated steel.

Comes standard with:

- Sunshades – top, door and both sides
- Steel mounting pan powdercoated white
- Chrome steel padlockable swing handle with LockSock®
- 3-point locking (excluding SP040425 range)
- 6mm aluminium gland plate
- Lifting lugs on enclosures (excluding SP040425 range)



ORDERING GUIDE

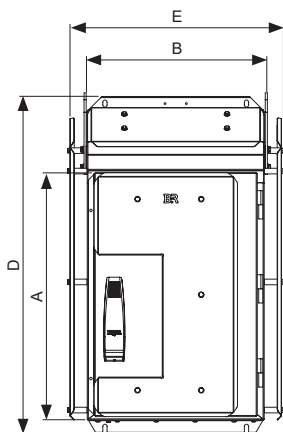
Dimensions (mm)

Part Number	External			Internal			Mounting Pan		Gland Opening		Mounting Centres		Opening		Weight (kg)
	Height (A)	Width (B)	Depth (C)	Total Height (D)	Total Width (E)	Usable Depth (F)*	Height (G)	Width (H)	Width (I)	Depth (J)	Height (K)	Width (L)	Height (M)	Width (N)	
SP070522/SK	700	500	200	952	600	153	630	430	420	100	920	400	640	420	105
SP100822/SK	1000	800	200	1250	900	153	930	730	720	100	1218	700	940	720	150
SP040425/SK#	400	400	250	679	500	203	330	330	320	140	641	300	340	320	60
SP070535/SK	700	500	350	1037	600	303	630	430	420	240	1005	400	640	420	120
SP100840/SK	1000	800	400	1365	900	353	930	730	640	210	1334	600	940	720	180

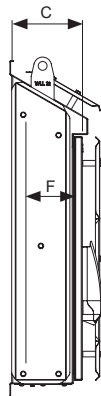
* From mounting pan to inside of door.

Does not come with a front sunshade.

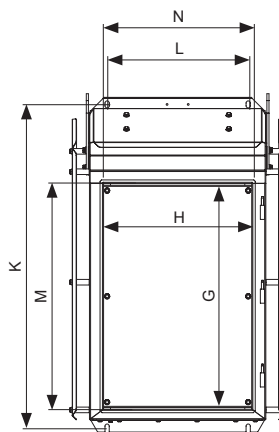
TECHNICAL DRAWINGS



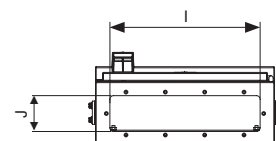
Front View



Side View



Front View
(Door Removed)



Bottom View

ACCESSORIES

Product	Description	Part Number	Dimensions (mm)			SP070522/SK	SP100822/SK	SP040425/SK	SP070535/SK	SP100840/SK
			Height	Width	Depth					
Hinged escutcheon	Zinc coated steel	SPHE0404	325	320	18			•		
		SPHE0705	625	420	18	•			•	
		SPHE1008	925	720	18		•			•
Gland plate	Brass	SPGB32/6	380	200	6			•		
		SPGB41/6 [▲]	480	160	6	•				
		SPGB43/6	480	300	6				•	
		SPGB71/6 [▲]	780	160	6		•			
		SPGB72/6 [▲]	700	270	6					•
	Aluminium	SPGA32/6	380	200	6			•		
		SPGA41/6	480	160	6	•				
		SPGA43/6	480	300	6				•	
		SPGA71/6	780	160	6		•			
		SPGA72/6	700	270	6					•
Hinge	316 stainless steel	SP/H/S	–	–	–	•	•	•	•	•
LED light kit	12V	BRLED300	–	300	–	•		•	•	
		BRLED500	–	500	–		•			
	24V	BRLED300/24	–	300	–	•		•	•	
		BRLED500/24	–	500	–					•
Light mounting kit	To suit LED light kits	IPLKB04 [^]	–	–	–			•		
		SPLKB05 ^{^▲}	–	–	–	•			•	
		IPLKB08 [^]	–	–	–		•			•

[^] Light not included, purchased separately

[▲] Available on request



See **Pages 32-33** for more information about B&R's range of lighting solutions or contact your local sales representative to discuss your requirements.

Pilbara SP with Sunshades – 316 Stainless Steel

Mining and Industrial Enclosures



- Designed for the most common mining, mineral processing and infrastructure projects.
- Used in local control stations, mini control consoles or motor isolation control stations.
- 30° sloping roof to prevent build up of water and solids.
- Lifting lugs conform to AS4991: *Lifting Devices*.
- One (1) tonne SWL on each lifting lug (excluding SP040425).
- Easy installation with top and bottom mounting flanges.
- Conformity, Approvals:
 - Lloyds Register #06/10007 (E2)
- Region D wind rated to AS1170.2-2002: Structural design actions - Wind actions
- Manufactured from 1.5mm 316 stainless steel.
- N4 surface finish or powdercoated X15 orange.

Comes standard with:

- Sunshades – top, door and both sides
- Steel mounting pan powdercoated white
- Stainless steel padlockable swing handle with LockSock®
- 3-point locking (excluding SP040425 range)
- 2mm stainless steel gland plate
- Lifting lugs on enclosures (excluding SP040425 range)



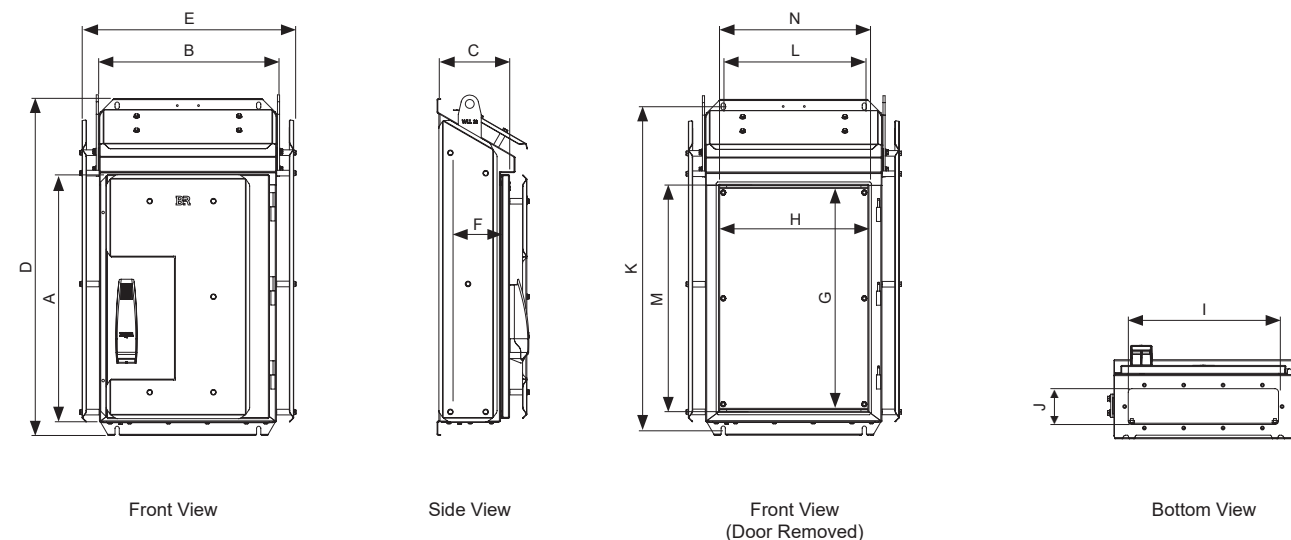
ORDERING GUIDE

Part Number		Dimensions (mm)																	
		External			Total Height (D)	Total Width (E)	Usable Depth (F)*	Internal		Mounting Pan		Gland Opening		Mounting Centres		Opening		Weight	
Height (A)	Width (B)	Depth (C)	Height (G)	Width (H)				Width (I)	Depth (J)	Height (K)	Width (L)	Height (M)	Width (N)	S/SK (kg)	SRO/SK (kg)				
316SS (N4)	X15 Orange																		
SP070522/S/SK	SP070522/SRO/SK	700	500	200	952	600	153	630	430	420	100	920	400	640	420	95	98		
SP100822/S/SK	SP100822/SRO/SK	1000	800	200	1250	900	153	930	730	720	100	1218	600	940	720	135	141		
SP040425/S/SK#	SP040425/SRO/SK#	400	400	250	679	500	203	330	330	320	140	641	300	340	320	54	56		
SP070535/S/SK	SP070535/SRO/SK	700	500	350	1037	600	303	630	430	420	240	1005	400	640	420	110	114		
SP100840/S/SK	SP100840/SRO/SK	1000	800	400	1365	900	353	930	730	640	210	1334	600	940	720	160	168		

* From mounting pan to inside of door.

Does not come with a front sunshade.

TECHNICAL DRAWINGS



ACCESSORIES

Product	Description	Part Number	Dimensions (mm)			SP070522/S/SK	SP070522/SRO/SK	SP100822/S/SK	SP100822/SRO/SK	SP040425/S/SK	SP040425/SRO/SK	SP070535/S/SK	SP070535/SRO/SK	SP100840/S/SK	SP100840/SRO/SK
			Height	Width	Depth										
Hinged escutcheon	Zinc coated steel	SPHE0404	325	320	18					•	•				
		SPHE0705	625	420	18	•	•					•	•		
		SPHE1008	925	720	18			•	•					•	•
Gland plate	Brass	SPGB32/6	380	200	6					•	•				
		SPGB41/6 [▲]	480	160	6	•	•								
		SPGB43/6	480	300	6							•	•		
		SPGB71/6 [▲]	780	160	6			•	•						
		SPGB72/6 [▲]	700	270	6									•	•
	Aluminium	SPGA32/6	380	200	6					•	•				
		SPGA41/6	480	160	6	•	•								
		SPGA43/6	480	300	6							•	•		
		SPGA71/6	780	160	6			•	•						
		SPGA72/6	700	270	6									•	•
Hinge	316 stainless steel	SP/H/S	–	–	–	•	•	•	•	•	•	•	•	•	•
LED light kit	12V	BRLED300	–	300	–	•				•	•				
		BRLED500	–	500	–		•								
	24V	BRLED300/24	–	300	–	•				•	•				
		BRLED500/24	–	500	–							•			
Light mounting kit	To suit LED light kits	IPLKB04 [^]	–	–	–					•					
		SPLKB05 ^{^^}	–	–	–	•				•	•				
		IPLKB08 [^]	–	–	–		•	•	•			•		•	•

[^] Light not included, purchased separately

[▲] Available on request



See **Pages 32-33** for more information about B&R's range of lighting solutions or contact your local sales representative to discuss your requirements.

Hedland PH

Mining and Industrial Enclosures



- Typically used for local control stations, mini-control consoles and motor isolators in conveyor runs.
- The sloped face creates an ergonomic interface when fitted with pushbuttons and control equipment.
- 15° sloping roof and 20mm overhang to prevent build up of solids.
- Conformity, Approvals:
 - Lloyds Register #06/10007 (E2)
- Manufactured from 1.5mm 316 stainless steel
- N4 surface finish.

- Comes standard with:
- 2mm steel mounting pan powdercoated white
 - 6mm brass gland plate
 - Top and bottom mounting flanges
 - Stainless steel lock with 7mm square stainless steel insert (NI020/S)
 - Door stay and document holder
 - External earthing stud
 - Earth strap kit



ORDERING GUIDE

Dimensions (mm)												
Part Number	External				Internal	Mounting Pan		Gland Opening		Mounting Centres		Weight (kg)
	Height (A)	Width (B)	Depth (C)	Total Height (D)	Useable Depth (E)*	Height (F)	Width (G)	Width (H)	Depth (I)	Height (J)	Width (K)	
PH040427/S	400	400	270	603	230	320	340	180	300	563	300	23.0
PH060627/S	600	600	270	803	230	520	540	180	500	763	500	38.0
PH100827/S^	1000	800	270	1203	230	915	740	180	700	1163	700	85.0
PH120827/S^	1200	800	270	1403	230	1120	740	180	700	1363	700	95.0
PH160827/S^	1600	800	270	1803	230	1520	740	180	700	1763	700	105.0

* Mounting pan to inside of door

^ Available on request

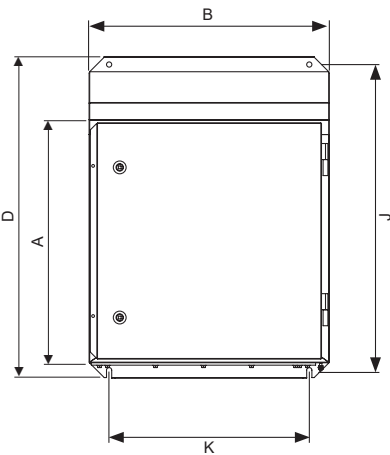
ACCESSORIES

Product	Description	Part Number	Dimensions (mm)			PH040427/S	PH060627/S	PH100827/S	PH120827/S	PH160827/S
			Height	Width	Thickness					
External vent kit	316 stainless steel	IPVK/S	130	130	—	•	•	•	•	•
		IPVK16/S^	260	260	—	^	^	^	^	^

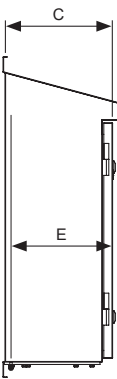
^ Fits door only

^ Available on request

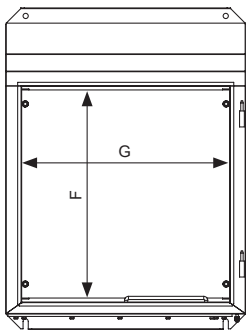
TECHNICAL DRAWINGS



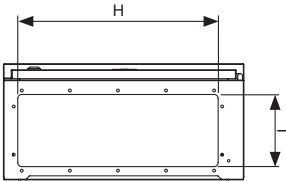
Front View



Side View



Front View
(Door Removed)



Bottom View

Lambert LB

Sunshaded Mining Enclosures



- 30° sloping roof to prevent build up of water and solids.
- Fully enclosed 3-point locking system.
- Easy installation with top and bottom mounting flanges.
- Removable doors with pintle hinges.
- Door opening angle of 110° with door stay fitted.
- Lifting lugs conform to AS4991: *Lifting Devices*.
- One (1) tonne SWL on each lifting lug.
- Conformity, Approvals:
 - Lloyds Register #06/10007 (E2)
- Region D wind rated to AS1170.2-2002: Structural design actions - Wind actions
- Manufactured from 1.5mm 316 stainless steel.
- N4 surface finish.

Comes standard with:

- Sunshades – top, doors, sides and rear
- Full width steel rear mounting pan powdercoated white
- Stainless steel padlockable swing handle with LockSock®
- Door stays
- 3mm brass gland plate
- Door rails
- Earth strap kit



ORDERING GUIDE

Part Number	Dimensions (mm)																Weight* (kg)
	External			Internal	Mounting Pan		Gland Opening		Mounting Centres		Opening						
	Height (A)	Width (B)	Depth (C)	Total Height (D)	Total Width (E)	Total Depth (F)	Usable Depth (G)	Height (H)	Width (I)	Width (J)	Depth (K)	Height (L)	Width (M)	Height (N)	Width (O)		
LB100840/S^	1000	800	400	1368	896	502	324	930	730	640	210	1335	600	940	720	250.0	
LB101040/S^	1000	1000	400	1368	1096	502	324	930	930	840	210	1335	800	940	920	300.0	
LB101440/S	1000	1400	400	1368	1496	502	324	930	1330	540	210	1335	1320	940	1320	320.0	

^ Single Door

* Includes crate for safe transportation

ACCESSORIES

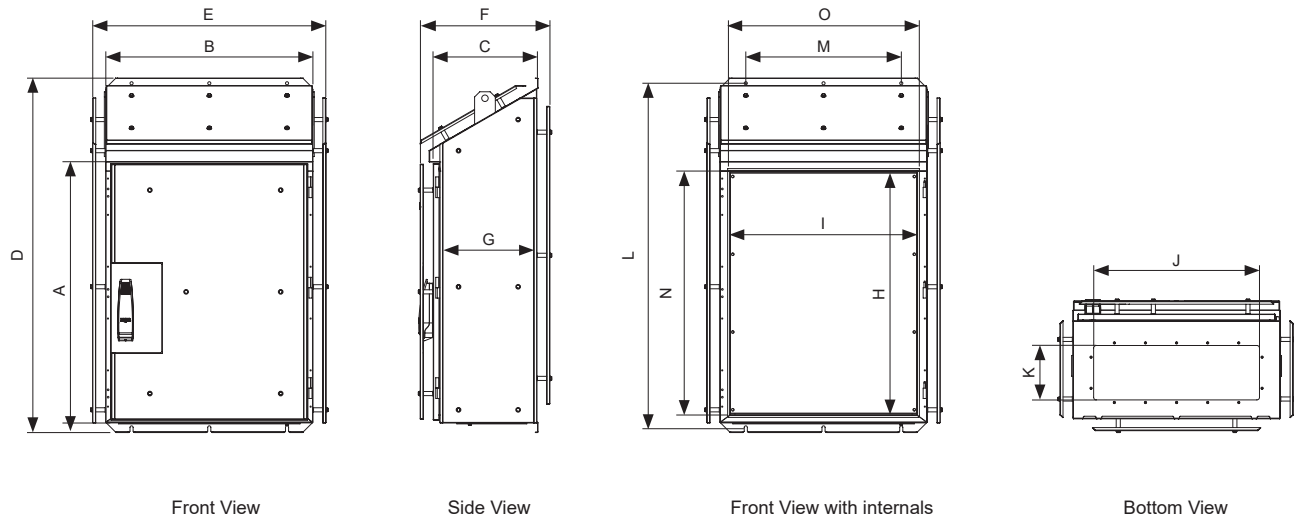
Product	Description	Part Number	Dimensions (mm)			LB100840/S	LB101040/S	LB101440/S
			Height	Width	Depth			
Side mounting pan	Powdercoated white	LBSMP1040	930	200	15	•	•	•
Gland Plate	Aluminium 6mm	LBGA62/6 »	600	270	–			•
	Brass 6mm	LBGB62/6 »	600	270	–			•
	Aluminium 6mm	LBGA72/6	700	270	–	•		
	Brass 6mm	LBGB72/6	700	270	–	•		
	Aluminium 6mm	LBGA92/6	900	270	–		•	
	Brass 6mm	LBGB92/6	900	270	–		•	

» Require 2 gland plates per enclosure

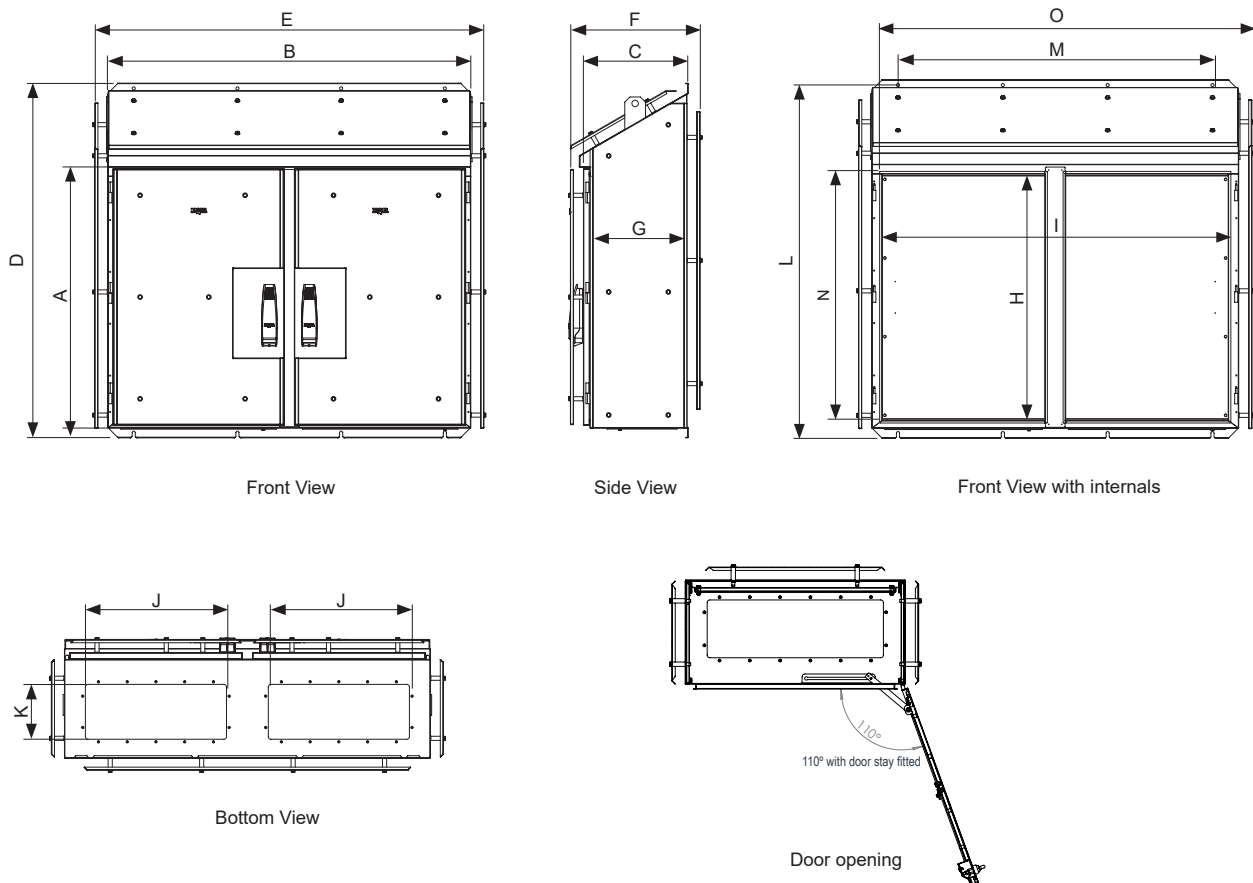
All others require 1 gland plate per enclosure

TECHNICAL DRAWINGS

LB100840/S & LB101040/S



LB101440/S





- INTERNAL ENCLOSURE
- 15° forward sloping roof with extended roof and gutter system.
 - Mounting pan depth adjustable to provide flexibility for cable glands.
 - 2mm steel mounting pan powdercoated white.
 - 6mm aluminium gland plate.
 - Door rails.
 - Earth strap kit.
 - Padlockable stainless steel swing handle (IP060/S).
 - Manufactured from 316 stainless steel with N4 surface finish.

- SUNSHADE ENCLOSURE
- Fully vented enclosure designed to protect enclosure from direct sunlight and reducing temperatures inside the enclosure.
 - 15° reverse angle sloping roof.
 - Large opening in bottom for maximum cable access and ventilation.
 - Key lockable L handle keyed to 92268 (IP050).
 - Manufactured from 316 stainless steel with N4 surface finish.



FI151250/S Sunshade & enclosure - complete

ORDERING GUIDE

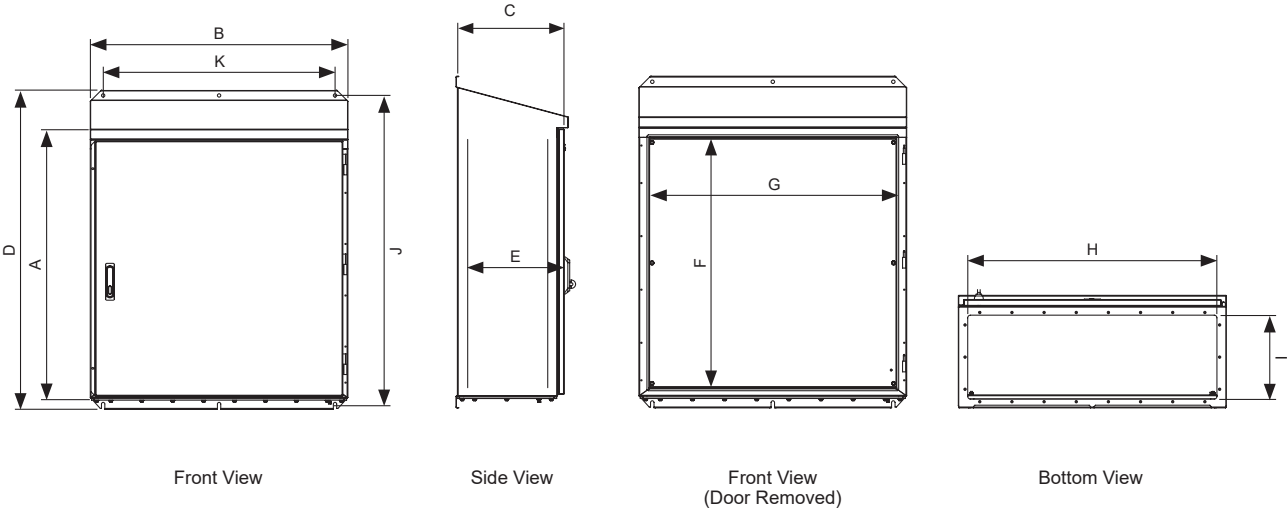
		Dimensions (mm)											
		External			Internal	Mounting Pan		Gland Opening		Mounting Centres			
Part Number	Includes	Height (A)	Width (B)	Depth (C)	Total Height (D)	Usable Depth (E)	Height (F)	Width (G)	Width (H)	Depth (I)	Height (J)	Width (K)	Weight (kg)
FI101040/S*	Internal enclosure only	1000	1000	420	1240	354	930	934	930	313	1206	900	65.0
FI151250/S	Sunshade and enclosure, complete	1500	1200	524	—	—	—	—	—	—	—	—	220.0

* Only applies to internal enclosure

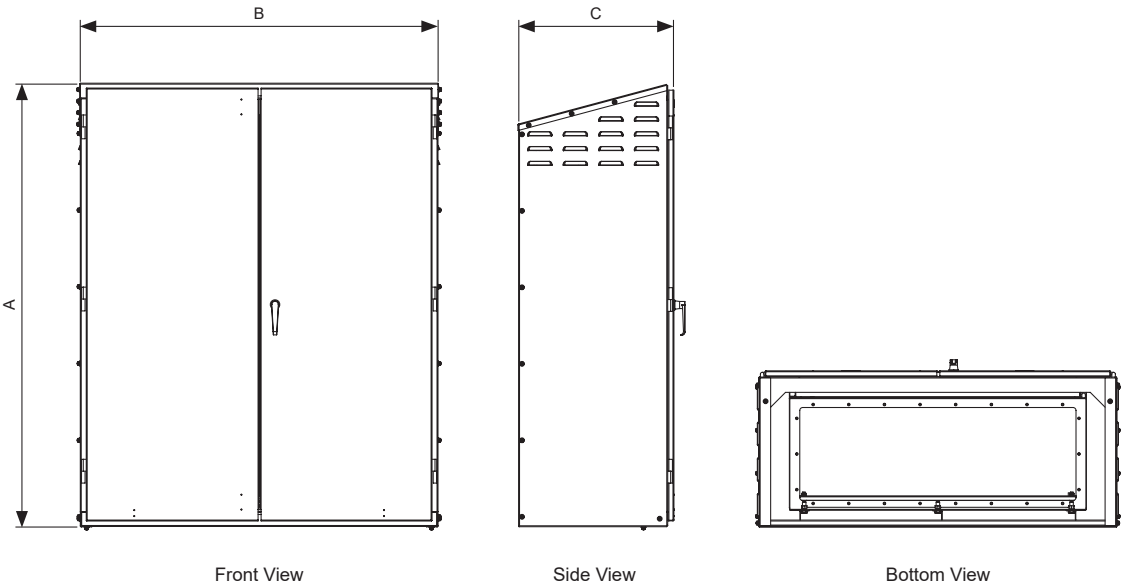


TECHNICAL DRAWINGS

Internal Enclosure



Sunshade and enclosure complete assembly



Bowen Series

Mining and Industrial Enclosures



- Designed to house terminations, pushbuttons, isolators or switchgear in industrial or demanding environments such as washeries, processing and sampling stations.
- Well suited to applications that require front and side mounted switching devices.
- 40° sloping roof and 40mm roof overhang reduces material build-up.
- Internal door rails fitted to ensure mounting flexibility.
- Lifting lugs conform to AS4991: *Lifting Devices*.
- One (1) tonne SWL on each lifting lug.
- Conformity, Approvals:
 - Lloyds Register #06/10007 (E2)
- Manufactured from 1.5 (BL) to 2.0mm (BW) 316 stainless steel.
- N4 surface finish.

Comes standard with:

- Steel mounting pan powdercoated white
- Top and bottom mounting flanges
- Internal 6mm earth stud
- Lock dust cover with stainless steel lock with 8mm square slotted stainless steel insert
- Lifting lugs on 800mm & 1200mm high enclosures



ORDERING GUIDE

Part Number	Dimensions (mm)													Weight (kg)
	External				Internal	Mounting Pan		Gland Opening		Mounting Centres		Material Thk.		
	Height (A)	Width (B)	Depth (C)	Total Height (D)	Usable Depth* (H)	Height (I)	Width (J)	Width (K)	Depth (L)	Height (M)	Width (N)	Body	Door	
BL040320/S	400	300	200	709	150	345	210	200	105	676	200	1.5	1.5	14.0
BL040420/S	400	400	200	709	150	345	310	300	105	676	300	1.5	1.5	18.0
BL060420/S	600	400	200	909	150	545	310	300	105	876	300	1.5	1.5	21.0
BL060630/S	600	600	300	993	250	545	510	500	205	960	500	1.5	1.5	33.0
BL080630/S	800	600	300	1193	250	745	510	500	205	1160	500	1.5	1.5	60.0
BL120830/S	1200	800	300	1593	250	1145	710	700	205	1560	700	1.5	1.5	90.0
BW040320/S▲	400	300	200	710	150	345	210	200	105	676	200	2.0	2.0	17.0
BW040420/S	400	400	200	709	150	345	310	300	105	676	300	2.0	2.0	21.0
BW060420/S▲	600	400	200	909	150	545	310	300	105	876	300	2.0	2.0	28.0
BW060630/S▲	600	600	300	993	250	545	510	500	205	960	500	2.0	2.0	38.0
BW080630/S	800	600	300	1193	250	745	510	500	205	1160	500	2.0	2.0	70.0
BW120830/S	1200	800	300	1593	250	1145	710	700	205	1560	700	2.0	2.0	100.0

* Mounting pan to inside of door

[▲] Available on request

ACCESSORIES

Product	Part Number	Dimensions (mm)			BL040320/S	BL040420/S	BL060420/S	BL060630/S	BL080630/S	BL120830/S	BM040320/S	BM040420/S	BM060420/S	BM060630/S	BM080630/S	BM120830/S	BW040320/S	BW040420/S	BW060420/S	BW060630/S	BW080630/S	BW120830/S
		Height	Width	Depth																		
Hinged escutcheon – 2mm zinc coated steel (white)	BWHE040420	300	312	2		*						*						*				
	BWHE060420	500	312	2			*						*						*			
	BWHE060630	500	507	2				*						*						*		
	BWHE080630	700	507	2					*						*						*	
	BWHE120830	1100	710	2						*						*						*
Light kit brackets [▲]	BWLKB04 [▲]	–	–	–		*	*					*	*					*	*			
	BWLKB06 [▲]	–	–	–				*	*				*	*					*	*		
	BWLKB08 [▲]	–	–	–						*					*					*		*
LED Light [*]	BRLED300	–	300	–		*	*					*	*					*	*			
	BRLED300/24	–	300	–		*	*					*	*					*	*			
	BRLED500	–	500	–				*	*	*			*	*	*				*	*	*	*
	BRLED500/24	–	500	–				*	*	*			*	*	*				*	*	*	*

* Requires light kit bracket to suit enclosure size

[▲] Light not included, purchased separately

[▲] Available on request



See **Page 30** for a range of lock options available for the Bowen range.



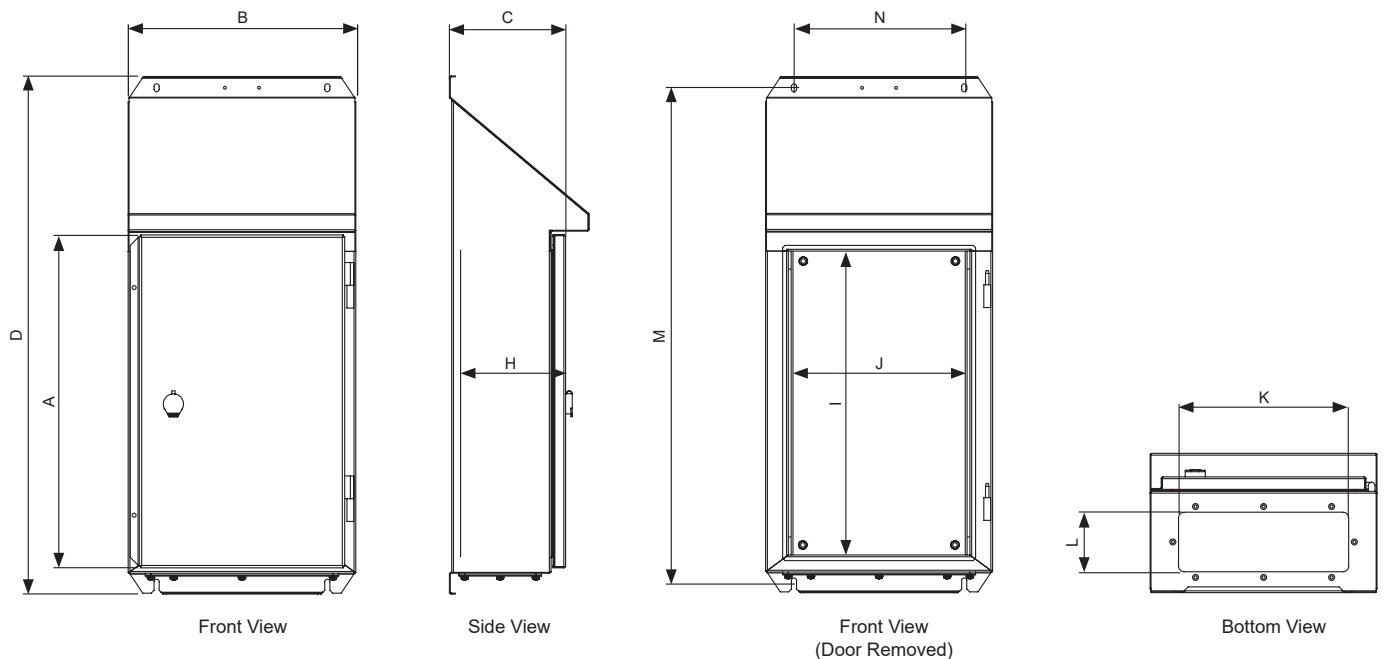
DID YOU KNOW?

Retrofitted sunshades offer added protection against rising internal temperatures. Enclosures with integrated sunshades are also available. For details, see pages **28-29**



See **Pages 32-33** for more information about B&R's range of lighting solutions or contact your local sales representative to discuss your requirements.

TECHNICAL DRAWINGS



Bowen Series with Sunshades

Mining and Industrial Enclosures



- Designed to house terminations, pushbuttons, isolators or switchgear in industrial or demanding environments such as washeries, processing and sampling stations.
- Sunshades protect the internal equipment from the effects of the sun.
- Is well suited to applications that require front and side mounted switching devices.
- 40° sloping roof and 40mm roof overhang reduces material build-up.
- Internal door rails fitted to ensure mounting flexibility.
- Lifting lugs conform to AS4991: *Lifting Devices*.
- One (1) tonne SWL on each lifting lug.
- Conformity, Approvals:
 - Lloyds Register #06/10007 (E2)
- Manufactured from 1.5mm 316 stainless steel.
- N4 surface finish.

Comes standard with:

- Steel mounting pan powdercoated white
- Top and bottom mounting flanges
- Internal 6mm earth stud
- Lock dust cover with stainless steel lock with 8mm square slotted stainless steel insert
- Lifting lugs on 800mm & 1200mm high enclosures



ORDERING GUIDE

Part Number	Dimensions (mm)														
	External				Internal			Mounting Pan		Gland Opening		Mounting Centres		Material Thk.	
	Height (A)	Width (B)	Depth (C)	Total Height (D)	Total Width (E)	Total Depth (F)	Usable Depth* (H)	Height (I)	Width (J)	Width (K)	Depth (L)	Height (M)	Width (N)	Body	Door
BL040320/S/SK^	400	300	200	709	409	250	179	345	210	200	105	676	200	1.5	1.5
BL040420/S/SK^	400	400	200	709	509	250	150	345	310	300	105	676	300	1.5	1.5
BL060420/S/SK^	600	400	200	909	509	250	150	545	310	300	105	876	300	1.5	1.5
BL060630/S/SK^	600	600	300	993	709	350	250	545	510	500	205	960	500	1.5	1.5
BL080630/S/SK^	800	600	300	1193	709	350	250	745	510	500	205	1160	500	1.5	1.5
BL120830/S/SK^	1200	800	300	1593	909	350	250	1145	710	700	205	1560	700	1.5	1.5

* Mounting pan to inside of door

▲ Available on request

ACCESSORIES

Product	Part Number	Dimensions (mm)			BL040320/S/SK	BL040420/S/SK	BL060420/S/SK	BL060630/S/SK	BL080630/S/SK	BL120830/S/SK
		Height	Width	Depth						
Hinged escutcheon – 2mm zinc coated steel (white)	BWHE040420	300	312	2		•				
	BWHE060420	500	312	2			•			
	BWHE060630	500	507	2				•		
	BWHE080630	700	507	2					•	
	BWHE120830	1100	710	2						•
Light kit brackets [^]	BWLKB04 [^]	–	–	–		•	•			
	BWLKB06 [^]	–	–	–				•	•	
	BWLKB08 [^]	–	–	–						•
LED Light [*]	BRLED300	–	300	–		•	•			
	BRLED300/24	–	300	–		•	•			
	BRLED500	–	500	–				•	•	•
	BRLED500/24	–	500	–				•	•	•

* Requires light kit bracket to suit enclosure size

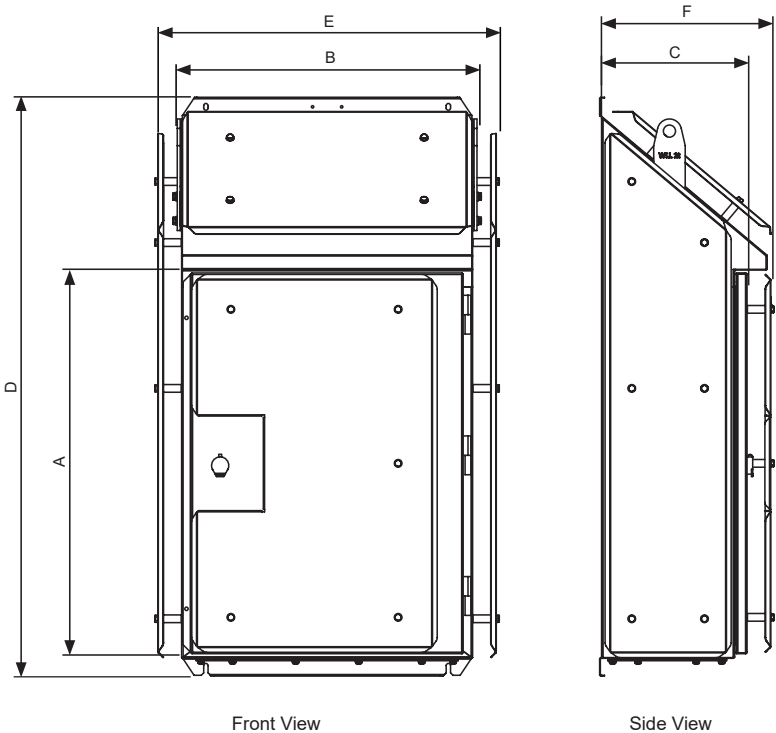
[^] Light not included, purchased separately

[^] Available on request



See **Page 30** for a range of lock options available for the Bowen range.

TECHNICAL DRAWINGS



See **Pages 32-33** for more information about B&R's range of lighting solutions or contact your local sales representative to discuss your requirements.

Power Case

Lockable Segregation Enclosure



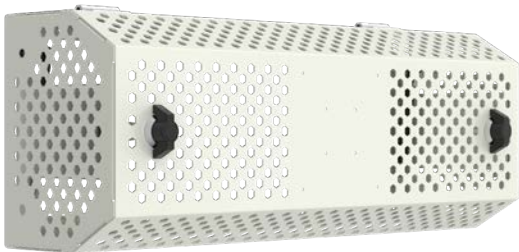
- Prevents contact with live parts, reducing the risk of electric shock.
- Segregates high voltage energised components for safer maintenance.
- Provides additional protection of energised components from physical impact.
- Compliant with industrial and mining standards
- Compatible with mounting pans on any B&R mining solutions enclosure, including Monarch IP, Universal NI, Incline SR, Finucane FI, Lambert LB, Bowen Series and Hedland PH.
- Manufactured from 1.6mm zinc coated steel
- Powder coated Pearl Gloss White
- Standard Inclusions: lockable wing knob and gas strut



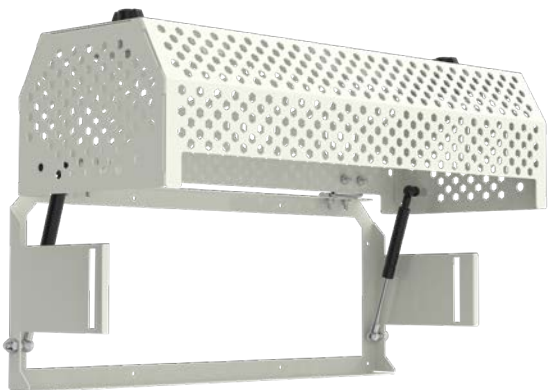
Power cases are compatible with mounting pans on Monarch IP, Universal NI, Incline SR, Finucane FI, Lambert LB, Bowen Series and Hedland PH. Contact your local sales representative to discuss your requirements.

ORDERING GUIDE

Part Number		Dimensions (mm)		
		Height	Width	Depth
LPC221	Pearl Gloss White	233	215	167
LPC231	Pearl Gloss White	233	315	167
LPC261	Pearl Gloss White	233	615	167



LPC231



LPC261

DAMPIER SALT MINE

Port Hedland, WA

THE PROJECT

This project, located at Dampier in the Pilbara Region of Western Australia, included the construction of new conveyors, stacker reclaimers, hoppers and other equipment. The project budget was AU\$50 million, and was to be completed over nine to 12 months, by December 2004.

THE CHALLENGE

The application required robust enclosures to cover a range of environmental conditions. The enclosures also had to address Occupational Health and Safety (O.H.S.) with regard to marshalling enclosures located near conveyor belts and inspection walkways. Due to the tight schedule of the project, the customer required fitting out of enclosures to specification, on time and at a competitive price.

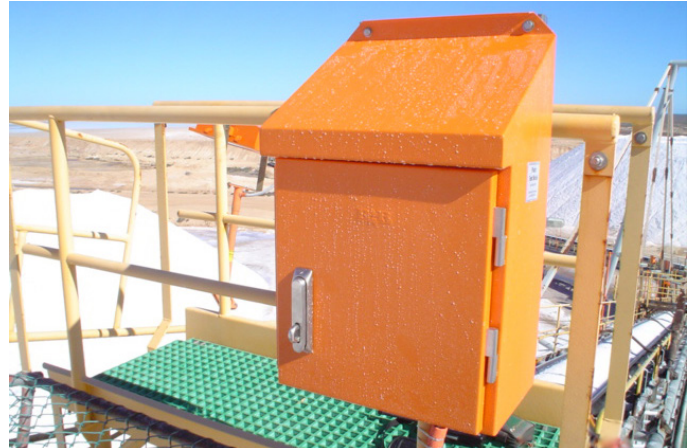
THE SOLUTION

B&R supplied their standard Pilbara SP, along with a modified skinny version of the Pilbara, & painted/modified Incline SR enclosures. The sloping roof of Pilbara SP and Incline SR is designed to reduce the hazard of dust build-up on top of the enclosures.

Universal NI and Connector TE enclosures were also used. B&R's Western Australian value add section was involved in much of the fit-out, as was Moeller, using B&R painted stainless steel and zinc coated enclosures.

THE RESULT

This project was successfully delivered on time and to specification, meeting the consultant and end user's expectations.



Locks

Locks to suit special purpose enclosures

Standard Locks

These locks are included as standard for each of these enclosures. For a different locking option on one of these enclosures, contact your local sales representative to discuss your requirements.

Enclosure	Zinc Coated Steel	Stainless Steel
Incline SR	–	NI020/S – stainless steel lock with 7mm square stainless steel insert
Hedland PH	–	NI020/S – stainless steel lock with 7mm square stainless steel insert
Pilbara SP	SP/LCK – chromed steel padlockable swing handle with LockSock®	SP/LCK/S – stainless steel padlockable swing handle with LockSock®
Lambert LB	–	SP/LCK/S – stainless steel padlockable swing handle with LockSock®
Finucane FI	Internal Enclosure – IP060/S Padlockable stainless steel swing handle	Sunshade Enclosure – IP050 Key lockable L handle keyed to 92268
Bowen Series	–	NI028S/S – stainless steel lock with 8mm square slotted stainless steel insert



Locks

Locks to suit special purpose enclosures



Lock Options for Special Purpose Enclosures

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

Product	Description	Part Number	Standard Lock/Insert	Alternative insert	Keys	
					Lockable handles	Zinc, 4-way
Turnbuckle	chromed steel	NI020	7mm square – steel	See below		SKZ
		DD020	7mm square – steel			SKZ
	powdercoated with SS insert	NI020/PS	7mm square – stainless steel			SKZ
		DD020/PS	7mm square – stainless steel			SKZ
	stainless steel	NI020/S	7mm square – stainless steel			SKZ
		NI028S/S	8mm square slotted – stainless steel	–		SKZ
Wing knob	lockable	NI030	Key code 92268	–	SK3	
		NI030/CL001	Key code CL001	–		
		NI030/L003	Key code L003	–		
		DD030	Key code 92268	–	SK3	
	non-lockable	NI111	–	–		
		DD111	–	–		
T-handle	lockable	NI040	Key code 92268	–	SK3	
		DD040	Key code 92268	–	SK3	
L-handle	lockable	NI050	Key code 92268	–	SK3	
		DD050	Key code 92268	–	SK3	
	padlockable – steel	NI052	–	–		
		DD052	–	–		
	padlockable – stainless steel	NI052/S	–	–		
		DD052/S	–	–		
Swing handle	padlockable – steel	SP/LCK	–	–		
	padlockable – stainless steel	SP/LCK/S	–	–		
LockSock®	plastic	SP/LCK/DC	To suit SP/LCK	–		
Dust cap	plastic	NI020/DC	To suit NI020 lock	–		

Lock Inserts for Locks

The NI020 locks are available with an option lock insert for use on all special purpose 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 square slotted	8mm triangle	
				Steel	Stainless Steel	Steel	Stainless Steel	Stainless Steel	Steel	Stainless Steel
Turnbuckle	chromed steel	NI020 or DD020	7mm square – steel	LKINS3P		LKINS8S		LKINS8SS/S	LKINS8T	
	powdercoated with SS insert	NI020/PS or DD020/PS	7mm square – stainless steel		LKINS3P/S		LKINS8S/S	LKINS8SS/S		LKINS8T/S
	stainless steel	NI020/S or DD020/PS	7mm square – stainless steel		LKINS3P/S		LKINS8S/S	LKINS8SS/S		LKINS8T/S
Key required – zinc			SKZ	SKZ	SKZ	SKZ	SKZ	SKZ	SKZ	SKZ

Enclosure LED Lighting

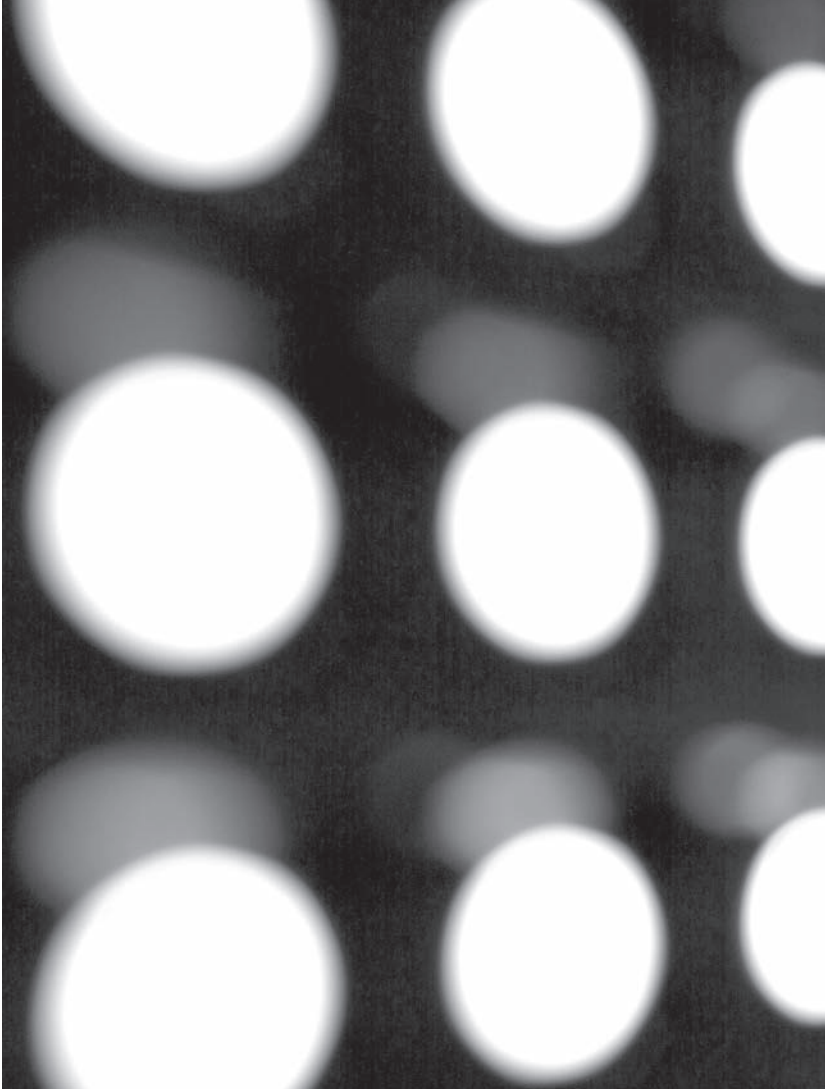
Our LED lighting solutions provide light inside an enclosure when visibility is required for both safety and efficacy.




High output, small form factor LED lighting. Up to 4 units can be daisy chained from the one power supply. Allows for the opening of full height swing frames or hinged escutcheons when fitted to the roof. The optional PIR movement sensor can be used for power efficiency as an automatic door switch. All light kits can be mounted directly onto 19" rack rails. In the absence of 19" rack rails a mounting kit is available to suit the enclosure size.

B&R's LED lighting solutions are applied to provide excess light within an enclosure and becomes a continuous light source to provide extra visibility.

- Energy saving up to 50% compared with traditional fluorescents under the same lux.
- Life span – over 50,000 hours
- Colour temperature: warm white
- Available in 12V and 24V options.
- Easy linking up to 36 watts per run.
- Easy to install.
- Low voltage — safe and efficient.
- Manufactured from aluminium with black plastic end caps and acrylic lens.
- Light source – SM3528 LED
- Operating temperature – -20°C to 40°C indoors



 This information is provided as a guide only. Contact your local sales representative to discuss your requirements.

Technical Operating Data

Length (mm)	Voltage (DC)	Power (W)	Radiance	Colour Temp	Luminous Flux (lm)*	LED Current (A)
300	12/24	3	90°	4400	280/360	0.18
500	12/24	5	90°	4400	460/600	0.18



Pilbara SP

Part Number	Power (V)	Inclusions					Required Mounting Bracket			To suit enclosure	
		LED Light	Power Supply	Splitter	Switch	Connectors	IPLKB04	SPLKB05	IPLKB08	Width (mm)	Optional
BRLED300	12	•	•		•		•			400 or 500	BRMOT PIR Motion Sensor
BRLED300/24	24	•	•		•		•			400 or 500	
BRLED500	12	•	•		•			•	•	800	
BRLED500/24	24	•	•		•			•	•	800	
BRLEDK03	—	•		•		•	•			400 or 500	
BRLEDK05	—	•		•		•		•	•	800	

Bowen Series

Part Number	Power (V)	Inclusions					Required Mounting Bracket			To suit enclosure	
		LED Light	Power Supply	Splitter	Switch	Connectors	BWLKB04	BWLKB06	BWLKB08	Width (mm)	Optional
BRLED300	12	•	•		•		•			400	BRMOT PIR Motion Sensor
BRLED300/24	24	•	•		•		•			400	
BRLED500	12	•	•		•			•	•	600 or 800	
BRLED500/24	24	•	•		•			•	•	600 or 800	
BRLEDK03	—	•		•		•	•			400	
BRLEDK05	—	•		•		•		•	•	600 or 800	

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