Universal DD – Zinc Coated Steel

Double Door Enclosures



- Suitable for industrial or demanding conditions.
- No centre mullion — extremely easy to access all equipment mounted on the included mounting pan.
- 180º opening doors.
- Conformity, Approvals:
  Lloyds Register #06/10007 (E2)
- Manufactured from 1.6mm zinc coated steel.
- Powdercoated Pebble Grey RAL7032.

Comes standard with:

- 2mm steel mounting pan powdercoated white
- Gland plates fitted internally or externally – dual on 1200mm wide
- Door rails
- Chromed steel lock with 7mm square steel insert (DD020) on units below 1600mm high
- Lockable L handle keyed to 92268 (DD050) on units 1600mm and above
- Earth strap kit

ORDERING GUIDE

	Dimensions (mm)									
	External			Internal	Mounting Pan		Opening			
Part Number	Height (A)	Width (B)	Depth (C)	Usable Depth* (D)	Height (E)	Width (F)	Height (G)	Width (H)	No. of Gland Plates	Weight (kg)
DD10103▲	1000	1000	300	250	940	915	940	920	1	67.0
DD12103	1200	1000	300	250	1140	915	1140	920	1	78.0
DD16104▲	1600	1000	400	350	1540	915	1540	920	1	108.0
DD18104	1800	1000	400	350	1740	915	1740	920	1	119.0
DD20104▲	2000	1000	400	350	1940	915	1940	920	1	131.0
DD12124	1200	1200	400	350	1140	1115	1140	1120	2	98.0
DD16124	1600	1200	400	350	1540	1115	1540	1120	2	125.0
DD18124	1800	1200	400	350	1740	1115	1740	1120	2	138.0
DD20124	2000	1200	400	350	1940	1115	1940	1120	2	152.0
DD18125▲	1800	1200	500	450	1740	1115	1740	1120	2	147.0
DD20125	2000	1200	500	450	1940	1115	1940	1120	2	161.0

* Mounting pan to inside of door
▲ Available on request

Universal DD – Zinc Coated Steel

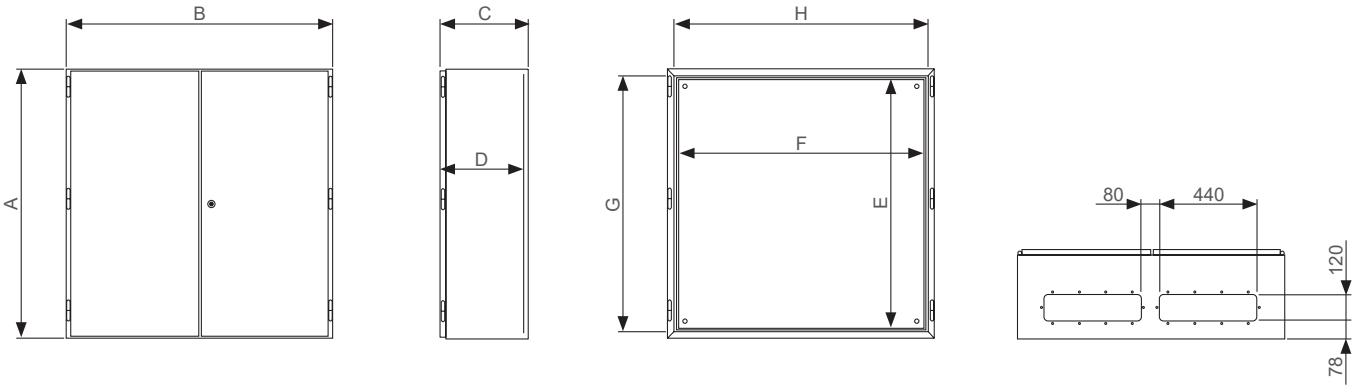
Double Door Enclosures

ACCESSORIES

Product	Description	Part Number	Dimensions (mm) Height	Width	Depth	DD10103	DD12103	DD16104	DD18104	DD20104	DD12124	DD16124	DD18124	DD20124	DD18125	DD20125
Rainhoods	Zinc coated steel	DDRH103▲	30	1000	315	•	•									
		DDRH104▲	30	1000	415			•	•	•						
		DDRH124▲	30	1200	415						•	•	•	•		
		DDRH125▲	30	1200	515										•	•
Channel iron plinths	Galvanised steel	DDCIP103▲	75	1000	255	•	•									
		DDCIP104▲	75	1000	355			•	•	•						
		DDCIP124	75	1200	355						•	•	•	•		
		DDCIP125▲	75	1200	455										•	•
Plinth mounting bases	Galvanised steel	DDPB011003▲	100	1000	255	•	•									
		DDPB011004	100	1000	355			•	•	•						
		DDPB011204▲	100	1200	355						•	•	•	•		
		DDPB011205▲	100	1200	455										•	•
Neoprene gasket	3mm x 20mm, 4m long	IPPC/G	–	–	–	•	•	•	•	•	•	•	•	•	•	•
External vent kit (Pebble Grey RAL7032)	Zinc coated steel	IPVK	130	130	–	•	•	•	•	•	•	•	•	•	•	•
		IPVK16	260	260	–	•	•	•	•	•	•	•	•	•	•	•
Gland plate – split	2mm zinc coated steel	DDSGP▲	490	112	–	•	•	•	•	•	•	•	•	•	•	•
Eye bolt	125kg per bolt (2)	LEB/12	–	–	–	•	•	•	•	•	•	•	•	•	•	•
LED light kit (500mm wide) – includes power supply & switch	12V	BRLED500	–	500	–	•	•	•	•	•	•	•	•	•	•	•
	24V	BRLED500/24	–	500	–	•	•	•	•	•	•	•	•	•	•	•
Light kit bracket	To suit LED light kit	DDLKB10▲	–	1000	–	•	•	•	•	•	•	•	•	•	•	•
		DDLKB12▲	–	1000	–	•	•	•	•	•	•	•	•	•	•	•
Fluoro light kit (240V)	1000mm wide	DDLTK10▲	–	–	–	•	•	•	•	•						
	1200mm wide	DDLTK12▲	–	–	–						•	•	•	•	•	•
Touch up paint (300g)	Pebble Grey RAL7032	TUP/P20	–	–	–	•	•	•	•	•	•	•	•	•	•	•

▲ Available on request

TECHNICAL DRAWING



Front View | Side View | Front View (Door Removed) | Bottom View

Universal DD – 316 Stainless Steel

Double Door Enclosures



- Suitable for industrial or demanding conditions.
- No centre mullion — extremely easy to access all equipment mounted on the included mounting pan.
- 180º opening doors.
- 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
- Gland plates fitted internally or externally – dual on 1200mm wide
- Door rails
- Stainless steel lock with 7mm square stainless steel insert (DD020/S) on units below 1600mm high
- Lockable L handle keyed to 92268 (DD050) on units 1600mm and above
- Earth strap kit

ORDERING GUIDE

	Dimensions (mm)									
	External			Internal	Mounting Pan		Opening			
Part Number	Height (A)	Width (B)	Depth (C)	Usable Depth* (D)	Height (E)	Width (F)	Height (G)	Width (H)	No. of Gland Plates	Weight (kg)
DD10103/S▲	1000	1000	300	250	940	915	940	920	1	64.0
DD12103/S▲	1200	1000	300	250	1140	915	1140	920	1	74.0
DD16104/S▲	1600	1000	400	350	1540	915	1540	920	1	103.0
DD18104/S▲	1800	1000	400	350	1740	915	1740	920	1	114.0
DD20104/S▲	2000	1000	400	350	1940	915	1940	920	1	125.0
DD12124/S▲	1200	1200	400	350	1140	1115	1140	1120	2	93.0
DD16124/S	1600	1200	400	350	1540	1115	1540	1120	2	119.0
DD18124/S	1800	1200	400	350	1740	1115	1740	1120	2	132.0
DD20124/S▲	2000	1200	400	350	1940	1115	1940	1120	2	145.0
DD18125/S	1800	1200	500	450	1740	1115	1740	1120	2	140.0
DD20125/S▲	2000	1200	500	450	1940	1115	1940	1120	2	154.0

* Mounting pan to inside of door

▲ Available on request

Universal DD – 316 Stainless Steel

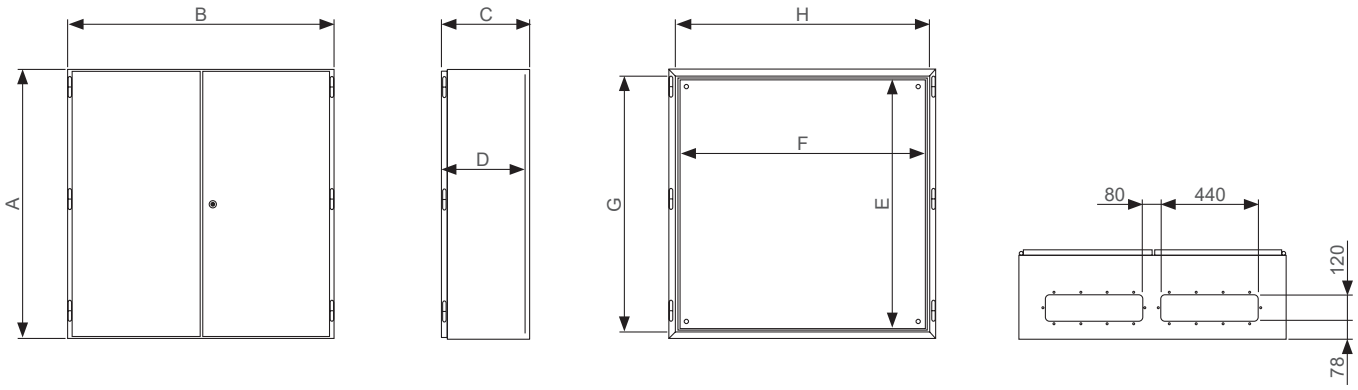
Double Door Enclosures

ACCESSORIES

Product	Description	Part Number	Dimensions (mm) Height	Width	Depth	DD10103/S	DD12103/S	DD16104/S	DD18104/S	DD20104/S	DD12124/S	DD16124/S	DD18124/S	DD20124/S	DD18125/S	DD20125/S
Rainhoods	316 stainless steel	DDRH103/S▲	30	1000	315	•	•									
		DDRH104/S▲	30	1000	415			•	•	•						
		DDRH124/S▲	30	1200	415						•	•	•	•		
		DDRH125/S▲	30	1200	515										•	•
Channel iron plinths	Galvanised steel	DDCIP103▲	75	1000	255	•	•									
		DDCIP104▲	75	1000	355			•	•	•						
		DDCIP124	75	1200	355						•	•	•	•		
		DDCIP125▲	75	1200	455										•	•
Plinth mounting bases	Galvanised steel	DDPB011003▲	100	1000	255	•	•									
		DDPB011004	100	1000	355			•	•	•						
		DDPB011204▲	100	1200	355						•	•	•	•		
		DDPB011205▲	100	1200	455										•	•
Neoprene gasket	3mm x 20mm, 4m long	IPPC/G	–	–	–	•	•	•	•	•	•	•	•	•	•	•
External vent kit	316 stainless steel	IPVK/S	130	130	–	•	•	•	•	•	•	•	•	•	•	•
		IPVK16/S▲	260	260	–	•	•	•	•	•	•	•	•	•	•	•
Gland plate – split	2mm zinc coated steel	DDSGP▲	490	112	–	•	•	•	•	•	•	•	•	•	•	•
Eye bolt	125kg per bolt (2)	LEB/12	–	–	–	•	•	•	•	•	•	•	•	•	•	•
LED light kit (500mm wide) – includes power supply & switch	12V	BRLED500	–	500	–	•	•	•	•	•	•	•	•	•	•	•
	24V	BRLED500/24	–	500	–	•	•	•	•	•	•	•	•	•	•	•
Light kit bracket	To suit LED light kit	DDLKB10▲	–	1000	–	•	•	•	•	•	•	•	•	•	•	•
		DDLKB12▲	–	1000	–	•	•	•	•	•	•	•	•	•	•	•
Fluoro light kit (240V)	1000mm wide	DDLTK10▲	–	–	–	•	•	•	•	•						
	1200mm wide	DDLTK12▲	–	–	–						•	•	•	•	•	•

▲ Available on request

TECHNICAL DRAWING



Front View

Side View

Front View
(Door Removed)

Bottom View

Enclosure LED Lighting

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



Compact, high-output LED lighting designed to enhance visibility within enclosures and rack systems. Up to four light units can be daisy chained from a single power supply, with linking capability of up to 36W per run. Lights can be mounted directly to 19” rack rails, with optional mounting kits available for enclosures without rack rails.

When roof-mounted, the slim-profile design allows unobstructed operation of full-height swing frames and hinged escutcheons. An optional PIR motion sensor provides automatic switching for improved energy efficiency.

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 – -20ºC to 40ºC 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	90º	4400	280/360	0.18
500	12/24	5	90º	4400	460/600	0.18

Universal Double Door

		Inclusions					Required Mounting Bracket		To suit enclosure	
Part Number	Power (V)	LED Light	Power Supply	Splitter	Switch	Connectors	DDLKB10	DDLKB12	Width (mm)	Optional
BRLED500	12	•	•		•		•		1000	BRMOT PIR Motion Sensor
BRLED500/24	24	•	•		•			•	1200	

Locks

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
Universal NI	NI020 – chromed steel with 7mm square steel insert	NI020/S – stainless steel lock with 7mm square stainless steel insert
Universal DD ≤ 1600mm H	DD020 - chromed steel with 7mm square steel insert	DD020/PS - black powdercoated lock with 7mm square stainless steel insert
Universal DD > 1600mm H	DD050 - lockable L handle keyed 92268	DD050 - lockable L handle keyed 92268

Lock Options for Special Purpose Enclosures

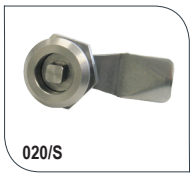
There are a number of lock options available that are suitable for use on special purpose enclosures. Contact your local sales representative to discuss your requirements.

					Keys	
Product	Description	Part Number	Standard Lock/Insert	Alternative insert	Lockable handles	Zinc, 4-way
Turnbuckle	chromed steel	NI020	7mm square – steel	See pg 7		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	–		
	padlockable	NI032	Suit 8mm hasp	–		
	padlockable - stainles steel	NI032/S	Suit 8mm hasp	–		
	lockable	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	–		

30-10-2026


020


020/PS


020/S


028/S


030


040


050


052


052/S


SP/LCK


SP/LCK/DC


NI020/DC

LOCK INSERTS FOR NI020 LOCKS

The NI020 locks are available with an optional lock insert. Contact your local B&R sales representative to discuss your requirements.

			3mm double bit pin		8mm square			8mm triangle	
To suit lock style	Description	To suit lock	Steel	Stainless Steel	Steel	Stainless Steel	Stainless Steel	Steel	Stainless Steel
Turnbuckle	chromed steel	NI020	LKINS3P		LKINS8S		LKINS8SS/S	LKIN8T	
	powdercoated with SS insert	NI020/PS		LKINS3P/S		LKINS8S/S	LKINS8SS/S		LKINS8T/S
	stainless steel	NI020/S		LKINS3P/S		LKINS8S/S	LKINS8SS/S		LKINS8T/S
Key required – zinc			SKZ	SKZ	SK8	SK8	SK8	SKZ	SKZ