



**LLOYDS**  
COMPOSITES

POLYESTER (FRP/GRP/FGRP) PRODUCTS

# POLYESTER CABINETS

Protection upto IP-66

- Indoor & Outdoor Use
- Strong & Durable
- All Weather Resistant
- Dust & Water Protected
- Self Extinguishing
- Non Conductive





The company located in Ras Al Khor, Dubai is a division of Lloyds Engineering. We manufacture a wide range of specialized polyester products to meet the requirements of Engineering and Construction Industries in the U.A.E., GCC and European markets.

Our strength and quality is built on working in partnership with end-users and through technical coordination with our supply sources, design & production team, inspection and sales department.



### Material

The composite material, which our products are made of and which is more popularly known as Fibreglass Reinforced Polyester (FRP/FGRP) or Glass-fibre Reinforced Polyester (GRP), has proven advantages over other conventional material primarily because of its multiple properties, high strength to weight ratio, versatility & cost effectiveness in long term use.

All the input materials used in production are of high quality, procured from manufacturers of international repute.

### Products

All our products are the result of superior quality input material blended with the efforts of a qualified design and production team under the guidance of a highly professional and efficient management team.

- Our polyester cabinets are available in two basic categories depending on their dimensions;
  - **Single Shutter type**
  - **Double Shutter type**
- Each of the above cabinet type is available in various standard dimensions and design as detailed in their respective dimension tables.
- Various accessories are available as standard and optional depending on the dimensions and type of cabinets.
- All our polyester cabinets have the protection of a gel-coat layer on the weather exposed surfaces which renders it resistant to UV rays, resistant to corrosive and chemical environments and virtually suitable for all climatic conditions.
- Standard specifications and properties of cabinets are as per Product Data Sheet.

**Note:** Options of client specified properties; dimensions; designs; thickness; external colour-shade; etc are possible (conditions apply).

# Polyester Cabinets

## Utility

Our Polyester (GRP) cabinets are ideal for any industry which needs to house and protect electrical equipments, electronic devices, telecommunication instruments, fire fighting components, etc.

These cabinets are suitable for both indoor and outdoor conditions. Our cabinets can be installed in salty, chemically corrosive and harsh environments as well.

## Advantages

- Polyester cabinets are non-conducting by nature
- Fire retardant and self-extinguishing
- Resistant to corrosive and chemical environments
- Higher strength to weight ratio
- Easy to install
- Virtually maintenance free (occasional cleaning recommended)
- Can be machined easily

## Accessories

Various accessories are available as standard and optional depending on the type and size of the cabinets.

## Special Cabinets

Customer specified cabinets can also be manufactured (conditions apply), to meet special requirements with regard to the following and more;

- External colour-finish
- Dimensions and design
- Fire rating
- IP-Rating (Ingress Protection from solids & liquids)
- Mounting arrangement
- Non -standard transparent view windows
- Shutter location
- Internal shutter
- Provision of extra shutters on sides/back
- Internal partitions vertically/horizontally
- P.U. foam insulated walls



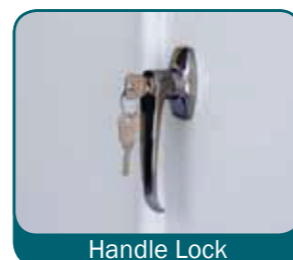
Cam Lock (□ key)



Gasket



Hinges



Handle Lock



View Glass



Mounting Studs & Plate



Internal Latch

# Single Shutter Cabinets

## Standard Ranges & Details

[Dimensions in millimetres]

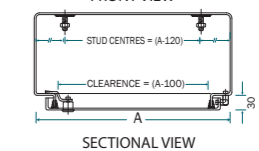
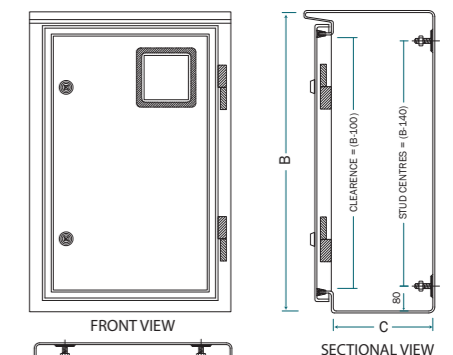
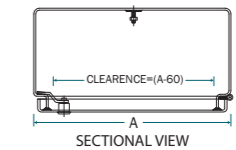
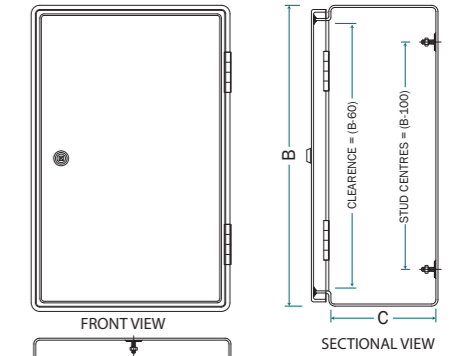
Internal dimensions			Item Code	No. of Mounting Studs	Std. Mounting Plate Size		
Width A	Height B	Depth C			Width	Height	Thk.

### MINI CABINETS WITHOUT CANOPY

200	300	150	WC-203/15	2	140	230	1.8
250	400		WC-253/15		190	330	
300	300	200	WC-303/20	2	230	230	1.8
	400		WC-304/20			330	
	500		WC-304/30			430	

### SINGLE SHUTTER CABINET WITH BUILT-IN /SMALL CANOPY RANGE

400	400	200	BIC-44/20	4	290	290	1.8
	450		SC-45/20			340	
	500		SC-45/20			390	
	600		SC-46/20			490	
	500		SC-45/25			390	
500	600	200	SC-46/25	4	390	490	1.8
	500		SC-55/20			390	
	600		SC-56/20			490	
	700		SC-57/20			590	
550	750	250	SC-57/25	4	440	630	2.8
	650		SC-56/21			540	
	700		SC-57/20			590	
600	850	250	BIC-57/25	4	480	730	2.8
	600		SC-66/20			480	
			SC-66/25			680	
			SC-66/30			730	
	800		SC-68/20			680	
	850		SC-68/20			730	
	800		SC-68/25			680	
	1000		SC-610/25			880	
	800		SC-68/30			680	
	1000		SC-610/30			880	
1200	SC-612/30	1080					
800	400	SC-68/40	680				



# Single Shutter Cabinets

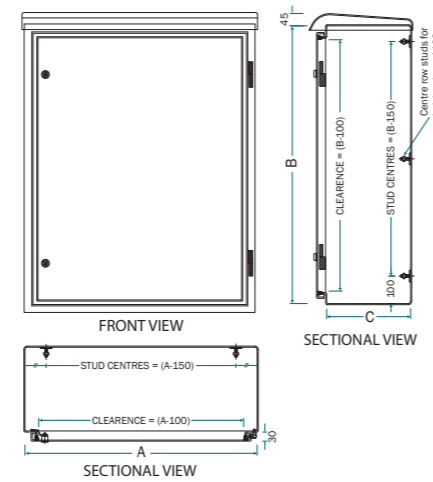
## Standard Ranges & Details

[Dimensions in millimetres]

Internal dimensions			Item Code	No. of Mounting Studs	Std. Mounting Plate Size		
Width A	Height B	Depth C			Width	Height	Thk.

### SINGLE SHUTTER CABINET WITH FULL CANOPY RANGE

600	800	200	FC-68/20	4	480	680	2.8
		250	FC-68/25				
		300	FC-68/30				
		400	FC-68/40				
600	850	200	FC-68/20	4	480	730	
	1000	250	FC-610/25			880	
	1200	300	FC-612/30			1080	
	1000	500	FC-610/50			880	
800	800	300	FC-88/30	6	680	680	
	1000	250	FC-810/25			880	
		300	FC-810/30			880	
		400	FC-810/40			880	
	1200	300	FC-811/30			6	980
		400	FC-812/30				1080
		500	FC-812/40				1080
		500	FC-812/50				1280
		400	FC-813/40				1480
		500	FC-814/50				1480
300		FC-816/30	1480				
400	FC-816/40	1480					
900	1100	300	FC-911/30	4	780	980	
	1400	400	FC-914/40		1280		
1000	1000	300	FC-1010/30	6	880	880	
	1200	400	FC-1012/30			1080	
	1400		FC-1014/40			1280	
	1600		FC-1016/40			1480	
1800	FC-1018/40		1680				
1100	1300	350	FC-1113/35	6	980	1180	
1200	1600	600	FC-1216/60		1080	1480	



# Double Shutter Cabinets

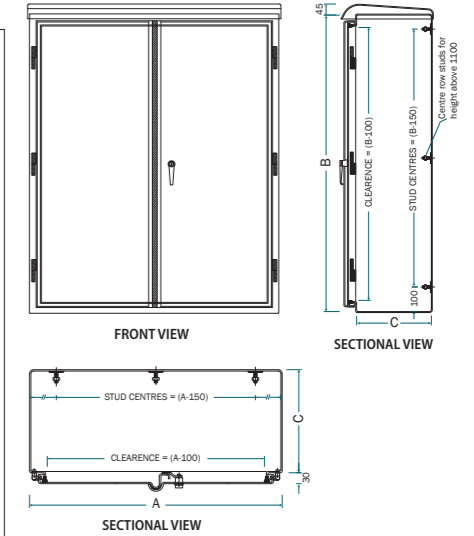
## Standard Ranges & Details

[Dimensions in millimetres]

Internal dimensions			Item Code	No. of Mounting Studs	Std. Mounting Plate Size		
Width A	Height B	Depth C			Width	Height	Thk.

### DOUBLE SHUTTER CABINET WITH FULL CANOPY RANGE

800	1000	300	DC-810/30	4	680	880	2.8		
			DC-1010/30						
		400	DC-1012/40						
		300	DC-1012/30						
1000	1200	400	DC-1012/40	6	880	1080			
		400	DC-1012/40			1280			
		300	DC-1014/30			1480			
		400	DC-1014/40			1480			
1200	1000	300	DC-1210/30	8	1080	880			
		300	DC-1212/30			1080			
			DC-1212/40			1280			
		400	DC-1214/40			1480			
	1400	1600	500			DC-1216/40	8	1080	1380
			500			DC-1215/50			1480
			600			DC-1216/60			1680
			400			DC-1218/40			1680
1400	1600	500	DC-1416/50	10	1220	1480			
		300	DC-1512/30			1080			
1500	1300	350	DC-1513/35	10	1380	1180			
		500	DC-1515/50			1220			
		600	DC-1620/60			1680			
1600	1800	500	DC-1618/50	10	1220	1680			
		600	DC-1620/60			1880			
1800	1800	500	DC-1818/50	10	1220	1680			
2100	1500	400	DC-2115/40			1980	1220		
1350	2150	600	DC-1321/60	10	1220	2030			



## Standard Ranges & Details

[Dimensions in millimetres]

Internal dimensions			Item Code	No. of Mounting Studs	Std. Mounting Plate Size		
Width A	Height B	Depth C			Width	Height	Thk.

### DEWA/ADDC/AADC WATER METER CABINET

Width	Height	Depth	Item Code
250	600	200	WM-260/20
400			WM-460/20
500			WM-560/20
	750		WM-575/20

### DEWA METER CABINET

Width	Height	Depth	Item Code	No. of Mounting Studs	Width	Height	Thk.
600	800	200	MC-680/20	4	480	680	2.8
800	1000	250	MC-810/25				
		300	MC-810/30				

### ADDC/AADC METER CABINET

Width	Height	Depth	Item Code	No. of Mounting Studs	Width	Height	Thk.
400	450	200	MC-445/20	4	290	340	18mm Marine Plywood
		500	MC-450/25			390	
550	650	210	MC-565/21		440	540	
600	800	200	MC-680/20		480	680	
	850		MC-685/20			730	
	1000	MC-6100/30	880				

### ADDC/AADC FEEDER PILLAR CABINET

Width	Height	Depth	Item Code	No. of Mounting Studs	Width	Height	Thk.
1100	1300	350	FC-1113/35	8	980	1180	2.8
1250			DC-1213/35				
1500			DC-1513/35				

### SPECIAL/CUSTOM CABINET

Width	Height	Depth	Item Code	No. of Mounting Studs	Width	Height	Thk.
250	400	150	CC-240/15	4	190	330	1.8
850	1200	300	CC-812/30	8	630	1200	2.8
750	1300	420	CC-713/42				
900		430	CC-913/43				
1500	1245	740	CC-1512/74			10	



Options and variations in accessories, specifications and design features are possible at additional charges (conditions apply).



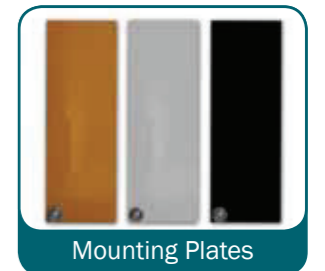
Natural Ventilator



Forced air Ventilator



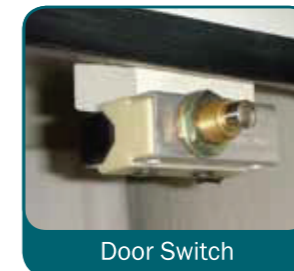
Louvered Vent with Filter



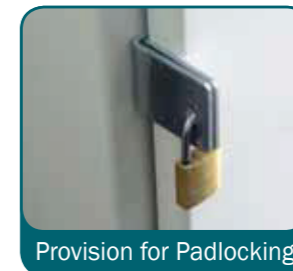
Mounting Plates



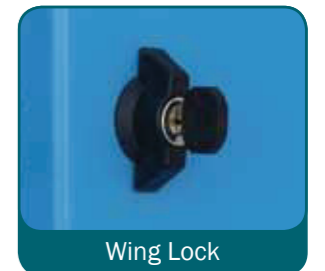
Internal Lighting



Door Switch



Provision for Padlocking



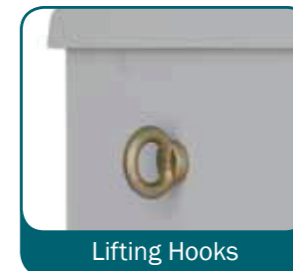
Wing Lock



Wall Brackets



Pole Mounting Clamp



Lifting Hooks



Door Handle

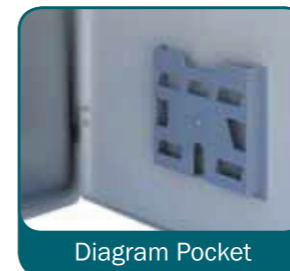


Diagram Pocket



Door Retainers



Full/Partial View Glass



View Glass Cover

## Optional Specifications & Design:

- External finish colour conforming to most of the RAL & BS colour codes
- Higher fire rating
- Hardware: stainless steel grades 304/316 (A<sub>2</sub> / A<sub>4</sub>)
- Higher protection (**IP rating**) from dust & liquids
- Higher mechanical strength
- Non-standard sizes
- Mounting plate - epoxy paint coated/ yellow passivated / FRP Plate
- Insulated walls & doors
- Vertical / horizontal partitions internally
- Additional door at rear, side or internal
- Hinged top lid
- Terminal box in 250 & 350mm heights
- FRP plinth of 100, 200 & 300mm heights
- Locking system; two / three point locking
- Cabinet in cylindrical design





**Basic Characteristics;**

- External protection with gel-coat in RAL 7032 colour
- Self-extinguishing to BS 476:part 7: 1997 class 2
- Resistant to UV rays
- Non corrosive hinges & hardware
- 3-point locking system
- Zinc die cast handle locks with GI double bar
- SS studs- M10 x 40 mm for mounting plate
- EPDM rubber gaskets
- Primary door internal latch (2 nos.)
- No door centre post
- Lifting hooks (2 nos.) for heights 1400 mm & above
- High tensile & impact strength



*Other composite products:*

For Instrument Protection

- **Shades**
- **Hoods**
- **Instrument Enclosures**

For Architectural Industry

- **Formworks**
- **Fascia Panels**
- **Canopies**

For Construction Industry

- **Skylights**
- **Roof Curbs**
- **Gutters**
- **Downspouts**



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