



POLYESTER (FGRP/FRP/GRP) PRODUCTS

POLYESTER CABINETS (Protection upto IP-66)

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



Material

The composite material, which our products are made of and which is more popularly known as Fibreglass Reinforced Polyester (FGRP/FRP) 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.

Product

All our products are the result of superior quality material input 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 the following categories,

- Single Shutter Type
 - Double Shutter Type
 - Special / Custom Type
 - Safety Equipment Type
 - Battery Box
- Each of the above is available in wide range of dimensions, specifications and designs to suit various instruments, manifolds, etc.
 - Various accessories are available as standard and optional depending on the type of protection system and dimensions.
 - All our polyester products have the protection of a gel-coat layer on the weather exposed surfaces which renders it resistant to UV rays, 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-shades; etc are possible (conditions apply).

Company

Lloyds Composite Industries LLC one of the leading Composite Polyester (FGRP/FRP/GRP) products manufacturing industries in the United Arab Emirates, with a splendid history of two decades in the local and international market. We are located in the heart of Dubai Metropolis City with a branch in the Umm Al Quwain Industrial Area.

Our composite products (FGRP/FRP/GRP) belong to an advanced material manufacturing technology, which has several advantages over conventional materials.

It is a matter of privilege that our FGRP/FRP/GRP products safeguard various equipment, gadgets, etc. in Architecture, Construction, Electrical Switchgear Industry, Fire and Safety, Power Generation, Oil and Gas, Water Treatment, etc., with a proven track record of twenty years.

Lloyds Composite Industries reinforces quality and trust through our services as real-world industrial problem solver and solution provider.



Polyester Cabinets

Utility

Our Polyester (FRP/FGRP/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

Basic Characteristics

- External protection with gel-coat in RAL 7032/RAL 7035 colour
- Self-extinguishing to BS 476:part 7: 1997-Class 2
- Resistant to UV rays
- Non-corrosive hinges & hardware
- 3 point locking system with handle lock
- Zinc die cast cam locks (non handle type)
- SS studs for mounting plate
- EPDM rubber gaskets
- Lifting hooks for heights 1400 mm & above
- High tensile & impact strength



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.

JUNCTION BOX

200	350	150	BC-203/15			
250	400	150	BC-254/15			
300	350	200	BC-303/20			
300	400	200	BC-304/20			
420	271	160	BC-422/16			

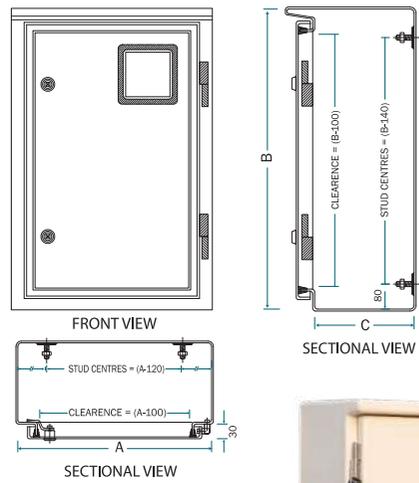
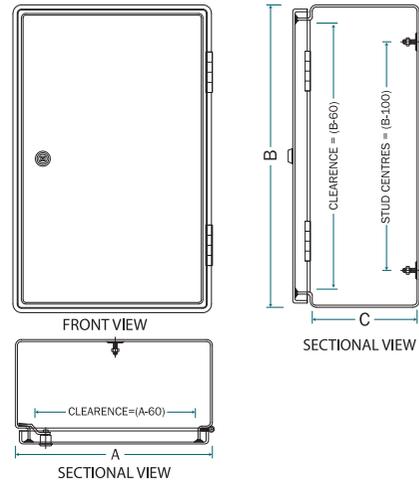
MINI CABINETS WITHOUT CANOPY

200	300	150	WC-203/15	2	140	230	1.5
250		150	WC-253/15		190	230	
300	300	200	WC-303/20		230	230	
	400	200	WC-304/20		230	330	
	400	300	WC-304/30		230	430	

SINGLE SHUTTER CABINET WITH BUILT-IN/ SMALL CANOPY RANGE

400	400	200	BIC-44/20	4	290	290	1.5	
	450		SC-45/20			340		
	500		SC-450/20			390		
	600		SC-46/20			490		
	500		250			SC-45/25		390
600	SC-46/25	490						
500	500	200	SC-55/20		390	390		1.5
	600		SC-56/20			490		
	700	SC-57/20	590					
	700	250	SC-57/25			590		
750	SC-575/25	630						
550	650	210	SC-56/21	440	540	1.8		
	700	200	SC-57/20		590			
	700	250	BIC-575/25		730			
600	850	300	SC-58/30	480	480	1.5		
	600	200	SC-66/20		480			
	600	250	SC-66/25		680	1.8		
	600	300	SC-66/30		730			
	800	200	SC-68/20		680	2.8		
	850	200	SC-685/20		680			
	800	250	SC-68/25		880	1.8		
	1000	300	SC-610/25		880			
	800	300	SC-68/30		1080	2.8		
	1000		SC-610/30		680			
	1200		SC-612/30		680			
800	400	SC-68/40	680	1.8				

Mounting Plate Size as per LCI Standard
Mounting Plate Size can be Customized as per Clients' Requirement



Single Shutter Cabinets

Standard Ranges & Details (Dimensions in millimetres)

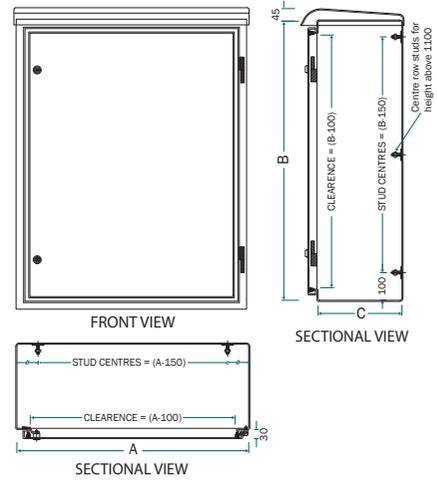
Internal dimensions			Item Code	No. Of Mounting Studs	Std. Mounting Plate Size		
Width A	Height B	Depth C			Width	Height	Thk.

SINGLE SHUTTER CABINET WITH FULL CANOPY RANGE

600	800	200	FC-68/20	4	480	680	1.8
		250	FC-68/25				
		300	FC-68/30				
		400	FC-68/40				
600	850	200	FC-685/20	4	480	680	1.8
	1000	250	FC-610/25				
	1000	300	FC-610/30				
	1200	300	FC-612/30				
800	1000	500	FC-610/50	6	680	680	2.8
	800	300	FC-88/30				
		250	FC-810/25				
		300	FC-810/30				
	1000	300	FC-810/30				
		400	FC-810/40				
	1100	300	FC-811/30				
		300	FC-812/30				
		400	FC-812/40				
		400	FC-812/50				
500		FC-812/50					
400		FC-813/40					
1300	400	FC-813/40					
	500	FC-814/50					
1400	500	FC-814/50					
	300	FC-816/30					
1600	400	FC-816/40					
	400	FC-816/40					
900	1100	300	FC-911/30	4	780	980	2.8
	1400	400	FC-914/40				
1000	1000	300	FC-1010/30	6	880	880	2.8
	1200	400	FC-1012/40				
	1400	400	FC-1014/40				
	1600	400	FC-1016/40				
	1800	400	FC-1018/40				
1100	1300	350	FC-1113/35	4	980	1180	2.8
1200	1600	600	FC-1216/60	4	1080	1480	2.8

Mounting Plate Size as per LCI Standard

Mounting Plate Size can be Customized as per Clients' Requirement



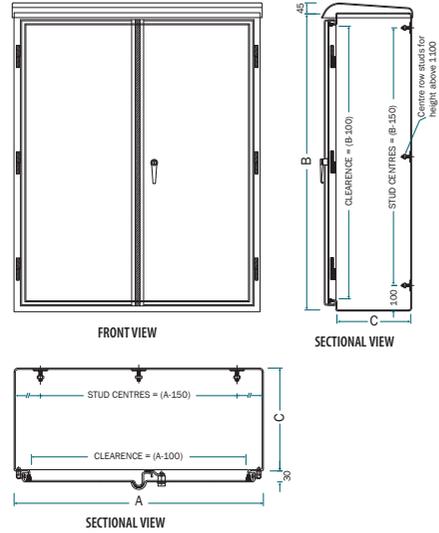
Double Shutter Cabinets

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

Width A	Height B	Depth C	Item Code	No. of Mounting Studs	Std. Mounting Plate Size Width	Std. Mounting Plate Size Height	Thk.		
800	1000	300	DC-810/30	4	680	880	2.8		
1000	1200	400	DC-1010/30	6	880	1080			
		300	DC-1012/30			1280			
	300	DC-1014/30	1480						
	400	DC-1014/40	1080						
400	DC-1016/40	1280							
400	DC-1016/40	1480							
1200	1000	300	DC-1210/30	8	1080	880			
	1200	300	DC-1212/30			1080			
		400	DC-1212/40			1280			
	400	DC-1214/40	1480						
	400	DC-1216/40	1380						
	500	DC-1215/50	1480						
500	DC-1216/50	1680							
600	DC-1216/60	1220	1480						
400	DC-1218/40	1380	1180						
1400	1600	500	DC-1416/50			10		1220	1680
1500	1200	300	DC-1512/30						1880
	1300	350	DC-1513/35			1220		1680	
1500	1500	500	DC-1515/50	10	1220	1880			
1600	1800	500	DC-1618/50			1980			
	2000	600	DC-1620/60			1220	2030		
1800	1800	500	DC-1818/50			1220	1680		
2100	1500	400	DC-2115/40	1980	1220				
1350	2150	600	DC-1321/60	1230	2030				



Mounting Plate Size as per LCI Standard
 Mounting Plate Size can be Customized as per Clients' Requirement



Department 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.
TAQA/DEWA/ADDC/AADC WATER METER CABINET							
250	600	200	WM -260/20				
400	600	200	WM -460/20				
500	600	200	WM -560/20				
500	750	200	WM -575/20				
300	600	300	WM -360/30				
400	1000	350	WM -410/35				
500	1300	400	WM -513/40				
750	750	750	AK -7575/75				
DEWA METER CABINET							
600	800	200	MC -680/20	4	480	680	1.8
800	1000	250	MC -810/25	4	680	880	1.8
		300	MC -810/30	4	680	880	2.8
ADDC/AADC METER CABINET (Old Specifications)							
400	450	200	MC -445/20	4	290	340	18 mm Marine Ply Wood
400	500	250	MC -450/25	4	290	390	
550	650	210	MC -565/21	4	440	540	
600	800	200	MC -680/20	4	480	680	
600	850	200	MC -685/20	4	480	730	
600	1000	300	MC -6100/30	4	480	880	
600	1200	250	MC -6120/30	4	480	1080	
600	850	270	MC -6585/30	4	480	730	
TAQA/ADDC/AADC FEEDER PILLAR CABINET							
1100	1300	350	FC -1113/35	8	980	1180	
1250	1300	350	DC -1213/35	8	1130	1180	
1500	1300	350	DC -1513/35	8	1380	1180	
SPECIAL/CUSTOM CABINET							
250	400	150	CC -240/15	4	190	330	1.5
850	1200	300	CC -812/30	8	730	1080	2.8
850	1200	600	CC -812/60	-	730	1080	
750	1300	420	CC -713/42	18	630	1180	
900	1300	430	CC -913/43	8	780	1180	
1500	1245	740	CC -1512/74	10	1380	1125	
2000	1700	500	SC -217/5	14	1880	1580	

Internal dimensions			Item Code	No. Of Mounting Studs	Std. Mounting Plate Size		
Width A	Height B	Depth C			Width	Height	Thk.
TAQA/ADDC/AADC METER CABINET (New Specifications)							
560	665	300	SC-5666/30	4	450	550	V/W 1
650	850	300	SC-6585/30	4	450	550	V/W 1
650	850	300	SC-6585/30	4	450	550	V/W 2
650	850	300	SC-6585/30	4	530	730	V/W 3
650	1000	300	FC-651/30	4	540	800	
600	1200	300	FC-612/3	4	480	1080	V/W 4
800	1000	300	FC-810/30	8	680	800	
1000	1000	300	BIC-1010/30	8	890	890	

Mounting Plate Size as per LCI Standard
Mounting Plate Size can be Customized as per Clients' Requirement



Special Cabinets

SPECIAL/CUSTOM CABINET

250	400	150	CC-240/15	4	190	330	1.8
850	120	300	CC-812/30	8	630	1200	2.8
750	1300	420	CC-713/42			1180	
900		430	CC-913/43			780	
1500	1245	740	CC-1512/74	10	1220	1125	



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 viewing windows
- Shutter location as per the requirement
- Internal shutter
- Provision of extra shutters on sides/back
- Internal partitions vertically/horizontally
- P.U. foam insulated walls
- Plywood encapsulated walls
- Rockwool insulated walls



SCBA CABINET WITH SLIDING DOORS

Special Cabinets - Department Cabinets



FEC CABINET



TYPE C CABINET



ADDC DEPT. CABINET



**MULTI COMPARTMENT
CUSTOM CABINET**

Special Cabinets - Safety Cabinets & Battery Boxes



EEBD CABINET



**SAFETY EQUIPMENT/
EEBD CABINET**



SCBA CABINET



BATTERY BOX-CUSTOM MADE



BATTERY BOXES

Accessories and Available Options for Cabinets

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



Cam Lock (□ key)



Internal Lighting



Door Switch



Provision for Padlocking



Wing Lock



Gasket



Wall Brackets



Pole Mounting Clamp



Lifting Hooks



Door Handle



Hinges



Diagram Pocket



Door Retainers



Full/Partial View Glass



View Glass Cover



Handle Lock

Optional Specifications & Design

- External colour-finish colour conforming to most of the RAL & BS colour codes
- Higher fire rating (BS 476: Part 7: 1997-Class 1 & Class 2)
- Hardware: stainless steel grades 304/316(A₂ / A₄)
- Higher Ingress Protection (IP) from dust & liquids
- Higher mechanical strength
- Non-standard sizes
- Mounting plate - epoxy paint coated / yellow passivated / Marine plywood
- Insulated walls & doors
- Vertical / horizontal partitions internally
- Additional door at rear, side or internal
- Hinged top lid
- Terminal box / Gland box in 250 & 300mm heights
- FRP plinth and C-Channel of 100, 200 & 300mm heights
- Locking system; two / three point locking
- Cabinet in cylindrical design



View Glass



Mounting Studs & Plate



Internal Latch



FRP/GRP CUBICLE/KIOSK

Other composite products:

For Electrical Industry

- **Cubicles/Kiosks**

For Oil and Gas Industry

- **Instrument Shades/ Enclosures**

For Architectural Industry

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

For Construction Industry

- **Skylights** ▪ **Roof Curbs** ▪ **Gutters**
▪ **Downspouts** ▪ **Flashings**

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