lande®
RACK CABINET

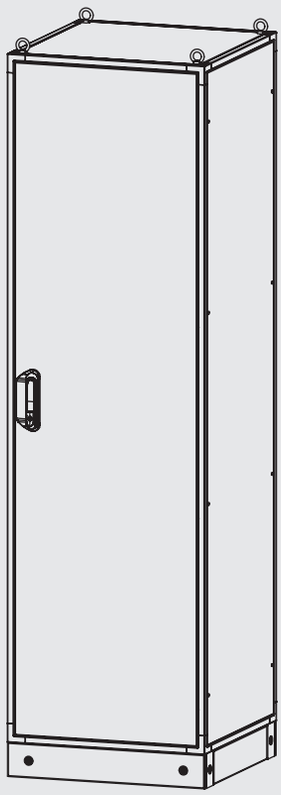


IP55 FREE STANDING ENCLOSURES

* Industrial
* Automation
* Indoor / Outdoor
* VDI
* Electrical

Free Standing Electrical / Automation / Industrial Enclosures:

Free Standing Industrial / Automation / Electrical Enclosures suitable for Electrical Distribution & Automation & Control purposes for indoor & outdoor and 19'' applications



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1.	General Characteristics	2
2.	Range	3-4
3.	Technical Characteristics	5-6
4.	Dimensions	7-9
5.	Equipment & Accessories	10-29



1. GENERAL CHARACTERISTICS:

Different sizes for:

Heights (mm) : 1200 / 1600 / 1800 / 2000

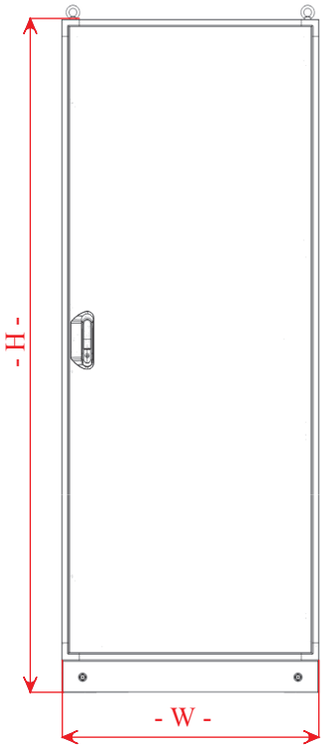
Widths (mm) : 400 / 600 / 700 / 800 / 1000

Depths (mm) : 400 / 500 / 600 / 800 / 1000 / 1200

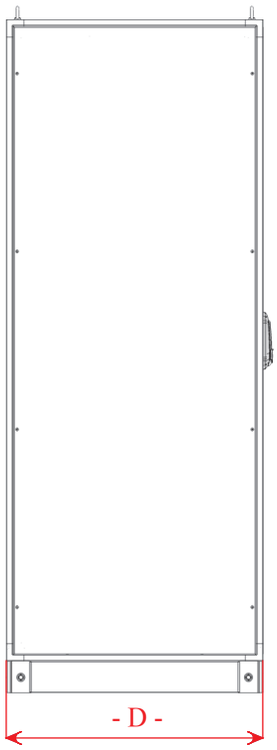
*Max. Loading capacity 1500 kg.

- Closed section profile has high moment of inertia on X & Y axis to gain extra strength.
- Profiles produced with DIN EN10142-2000 DX51 D+Z material and has high resistance against corrosion.
- Single-type profile section for all width-depth- height directions.
- New Aluminium structure corners provides easy assembly to establish enclosure frame in minutes
- Aluminium corner part produced from E-160 material with Aluminium injection moulding method which creates ultra resistance against corrosion.
- Cross rails have easy to fix system.(Single screw & snap-in)
- Electro-assembled Mounting plate can be slided on strong profiles to easy assembly.
- IP55 Protection level against dust & water ingress as per IEC EN60529
- IK10 Mechanical impact resistance as per IEC EN62262.
- Metal enclosures painted 70-90µ thickness RAL 7035 fine wrinkle with Nanotechnology to obtain upto 500 hours of salt spray test resistance.
- Reversible door structure with up to4 pcs of Zamak Hinges and 4-points locking system.
- Poly-urethane seal on door.
- EMKA branded high quality locks
- Flatpackage option is available for less transportation costs.

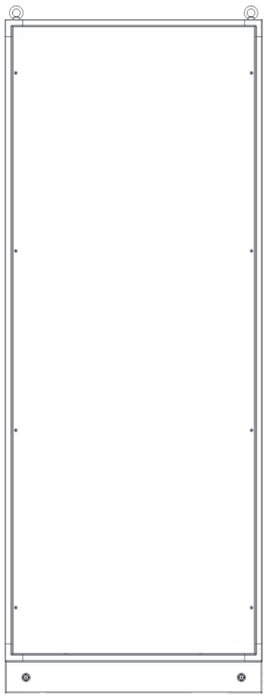
2. RANGE:



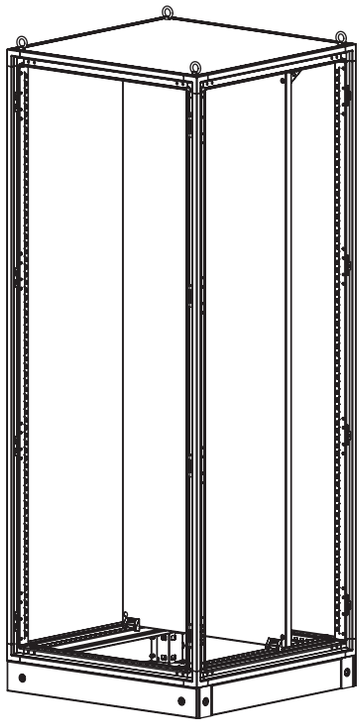
FRONT VIEW



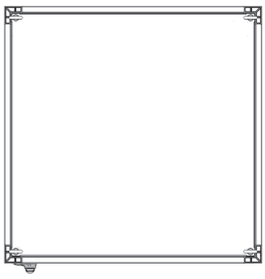
RIGHT VIEW



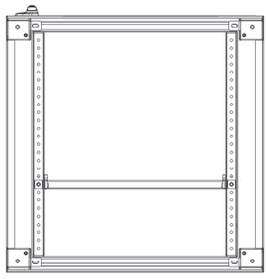
REAR VIEW



ISO VIEW



TOP VIEW



BOTTOM VIEW

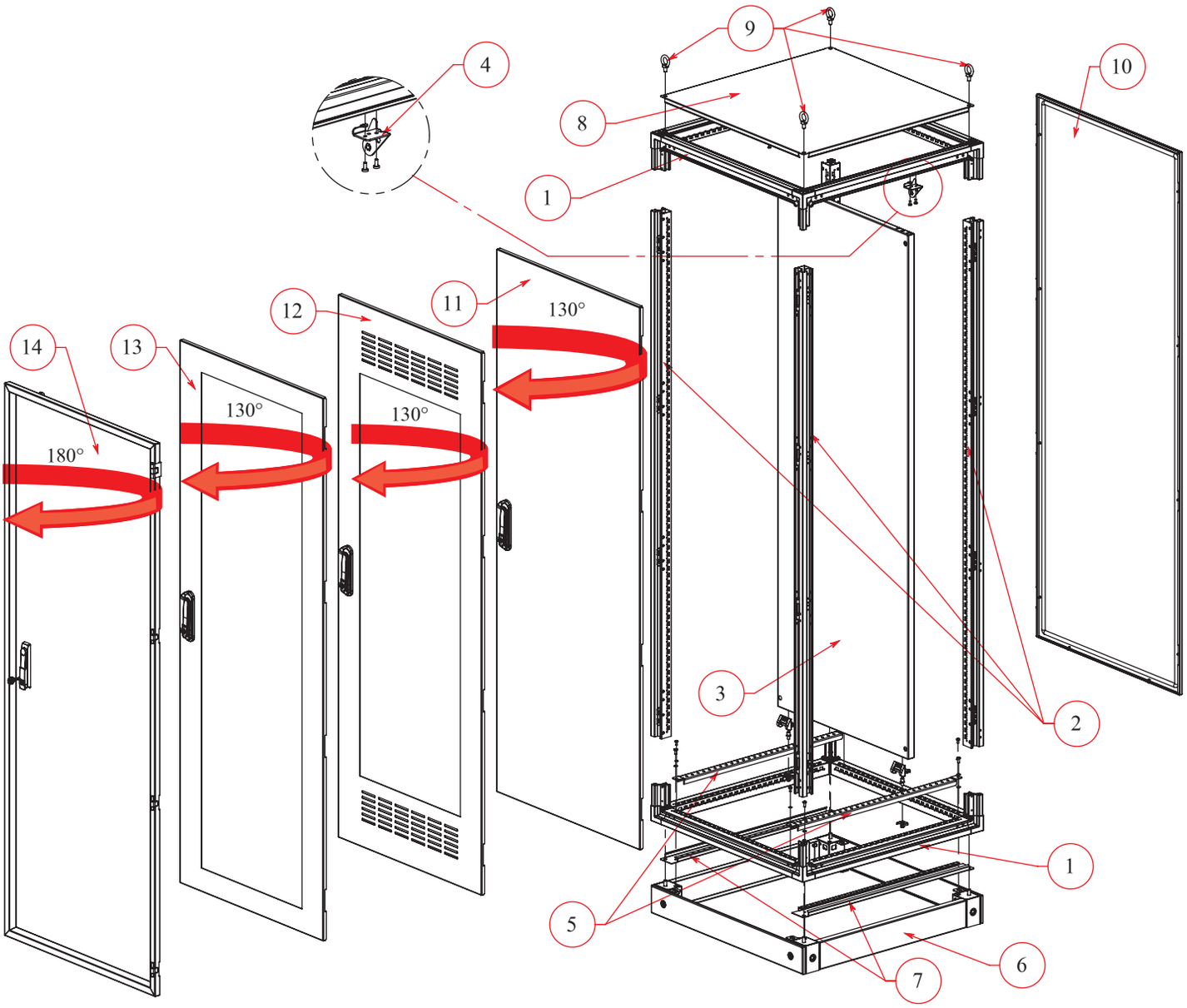
2. RANGE:

Catalog Code	Width (mm.)	Height (With Plinth) (mm.)	Depth (mm.)	Door Qty	Bottom Cable Entry (W x D) (mm.)
LN DT6012040 K01 CC	600	1200+100	400	Single	435 x 300
LN DT8012040 K01 CC	800	1200+100	400	Single	665 x 300
LN DT6016040 K01 CC	600	1600+100	400	Single	465 x 300
LN DT8016040 K01 CC	800	1600+100	400	Single	665 x 300
LN DT6018040 K01 CC	600	1800+100	400	Single	465 x 300
LN DT8018040 K01 CC	800	1800+100	400	Single	665 x 300
LN DT10018040 K01 CC	1000	1800+100	400	Double	865 x 300
LN DT6020040 K01 CC	600	2000+100	400	Single	465 x 300
LN DT8020040 K01 CC	800	2000+100	400	Single	665 x 300
LN DT10020040 K01 CC	1000	2000+100	400	Double	865 x 300
LN DT6016050 K01 CC	600	1600+100	500	Single	465 x 400
LN DT8016050 K01 CC	800	1600+100	500	Single	665 x 400
LN DT4018050 K01 CC	400	1800+100	500	Single	265 x 400
LN DT6018050 K01 CC	600	1800+100	500	Single	465 x 400
LN DT7018050 K01 CC	700	1800+100	500	Single	565 x 400
LN DT8018050 K01 CC	800	1800+100	500	Single	665 x 400
LN DT10018050 K01 CC	1000	1800+100	500	Double	865 x 400
LN DT4020050 K01 CC	400	2000+100	500	Single	265 x 400
LN DT6020050 K01 CC	600	2000+100	500	Single	465 x 400
LN DT7020050 K01 CC	700	2000+100	500	Single	565 x 400
LN DT8020050 K01 CC	800	2000+100	500	Single	665 x 400
LN DT10020050 K01 CC	1000	2000+100	500	Double	865 x 400
LN DT6012060 K01 CC	600	1200+100	600	Single	465 x 500
LN DT8012060 K01 CC	800	1200+100	600	Single	665 x 500
LN DT6016060 K01 CC	600	1600+100	600	Single	465 x 500
LN DT8016060 K01 CC	800	1600+100	600	Single	665 x 500
LN DT4018060 K01 CC	400	1800+100	600	Single	265 x 500
LN DT6018060 K01 CC	600	1800+100	600	Single	465 x 500
LN DT7018060 K01 CC	700	1800+100	600	Single	565 x 500
LN DT8018060 K01 CC	800	1800+100	600	Single	665 x 500
LN DT10018060 K01 CC	1000	1800+100	600	Double	865 x 500
LN DT4020060 K01 CC	400	2000+100	600	Single	265 x 500
LN DT6020060 K01 CC	600	2000+100	600	Single	465 x 500
LN DT7020060 K01 CC	700	2000+100	600	Single	565 x 500
LN DT8020060 K01 CC	800	2000+100	600	Single	665 x 500
LN DT10020060 K01 CC	1000	2000+100	600	Double	865 x 500
LN DT4020080 K01 CC	400	2000+100	800	Single	265 x 700
LN DT6020080 K01 CC	600	2000+100	800	Single	465 x 700
LN DT7020080 K01 CC	700	2000+100	800	Single	565 x 700
LN DT8020080 K01 CC	800	2000+100	800	Single	665 x 700
LN DT10020080 K01 CC	1000	2000+100	800	Double	865 x 700
LN DT60200100 K01 CC	600	2000+100	1000	Single	465 x 900
LN DT80200100 K01 CC	800	2000+100	1000	Single	665 x 900
LN DT60200120 K01 CC	600	2000+100	1200	Single	465 x 1100
LN DT80200120 K01 CC	800	2000+100	1200	Single	665 x 1100

CC:Color Code. Standart is LG (RAL 7035 Light Gray). For different color options please ask.

3. TECHNICAL CHARACTERISTICS:

3.1. Material & Shipment Configuration:



** Our standard shipping configuration does not include "Side Panels" ...If demanded, Please add "Side panel" to your orders as accessory."

** Please check page: 21, for 180º opening version."

3. TECHNICAL CHARACTERISTICS:

3.1. Material & Shipment Configuration (Continue):

TECHNICAL CHARACTERISTICS : MATERIAL & SHIPMENT CONFIGURATION				
#	Part Definition	Material Quality	Material Thickness	Shipment Configuration
1	Top - Bottom Frame	Profiles : DIN EN 10346:2009 DX51 D+Z100 Corner parts : DIN 226 Al	1,50 mm	2ea.
2	Vertical Frame Profiles	DIN EN 10346:2009 DX51 D+Z100	1,50 mm	4ea.
3	Mounting Plate	DIN EN 10346:2009 DX51 D+Z100	2,00 mm	1ea.
4	Mounting Plate Brackets (Left & Right)	DIN EN 10130 - DC01- 6112 CRS	2,50 mm	1ea.
5	Mounting Plate Rails	DIN EN 10130 - DC01 - 6112 CRS	2,50 mm	4ea.
6	Plinth	DIN EN 10130 - DC01 - 6112 CRS	2,00 mm	1ea.
7	Cable Enrty Guides	DIN EN 10130 - DC01 - 6112 CRS	2,00 mm	2ea.
8	Top Plate	DIN EN 10130 - DC01 - 6112 CRS	1,50 mm	1ea.
9	Lifting Eyes	SAE J403-2009 1030	-	4ea.
10	Rear Plate	DIN EN 10130 - DC01 - 6112 CRS	1,50 mm	1ea.
11	Full Metal Front Door (Standard)	DIN EN 10130 - DC01 - 6112 CRS	2,00 mm	1ea.
12	Glass Front Door (With Air Ventilation) *	DIN EN 10130 - DC01 - 6112 CRS	2,00 mm	-
13	Glass Door (Metal Frame) *	DIN EN 10130 - DC01 - 6112 CRS	2,00 mm	-
14	Outward 180º Opening Door*	DIN EN 10130 - DC01 - 6112 CRS	1,50 mm	-

* Different door alternatives. Standard Enclosure door is complete metal.

✓ Top and Bottom Frames are ready to establish the frame.4 pcs of aluminium corners, horizontal and depth profiles are fixed to each other with special rivets.Vertical profiles are easy to fix on base frames with self-tapping screws.Multi bended body frame profiles have extra strength against weight loading and external impact to frame.

✓ Highest profile section moment of inertia on X & Y axis for weight loading capacity.Single profile structure on X,Y and Z axis.

✓ Mounting plate is produced with pre-galvanised material, and 4 side-bended to gain extra rigidity.Easy to slide loaded plate on heavy duty rails and fix to thick brackets and stabilizers .

✓ Door structure is produced with multibendings to obtain rigidity / strength and planarity.Full contact with sealing gasket for better IP ratings.130˚ of opening angle provide easy working during installation. (For 180˚ opening, please check door options pages)

✓ Plinth has high resistant and modular structure.Easy to install to enclosure.Extra fixation points for joining to ground and another plinth to gain sismic structure.

✓ Side panels are not included in standart shipment configuration.

3.2. Compatibility to Protection Ratings:

✓ IP55 according to IEC Standard EN 60529.Fully protected against dust and fully protected against water ingress.
✓ IK10 according to IEC standard EN 62262 (EN50102)

3.3. Mechanical Resistance:

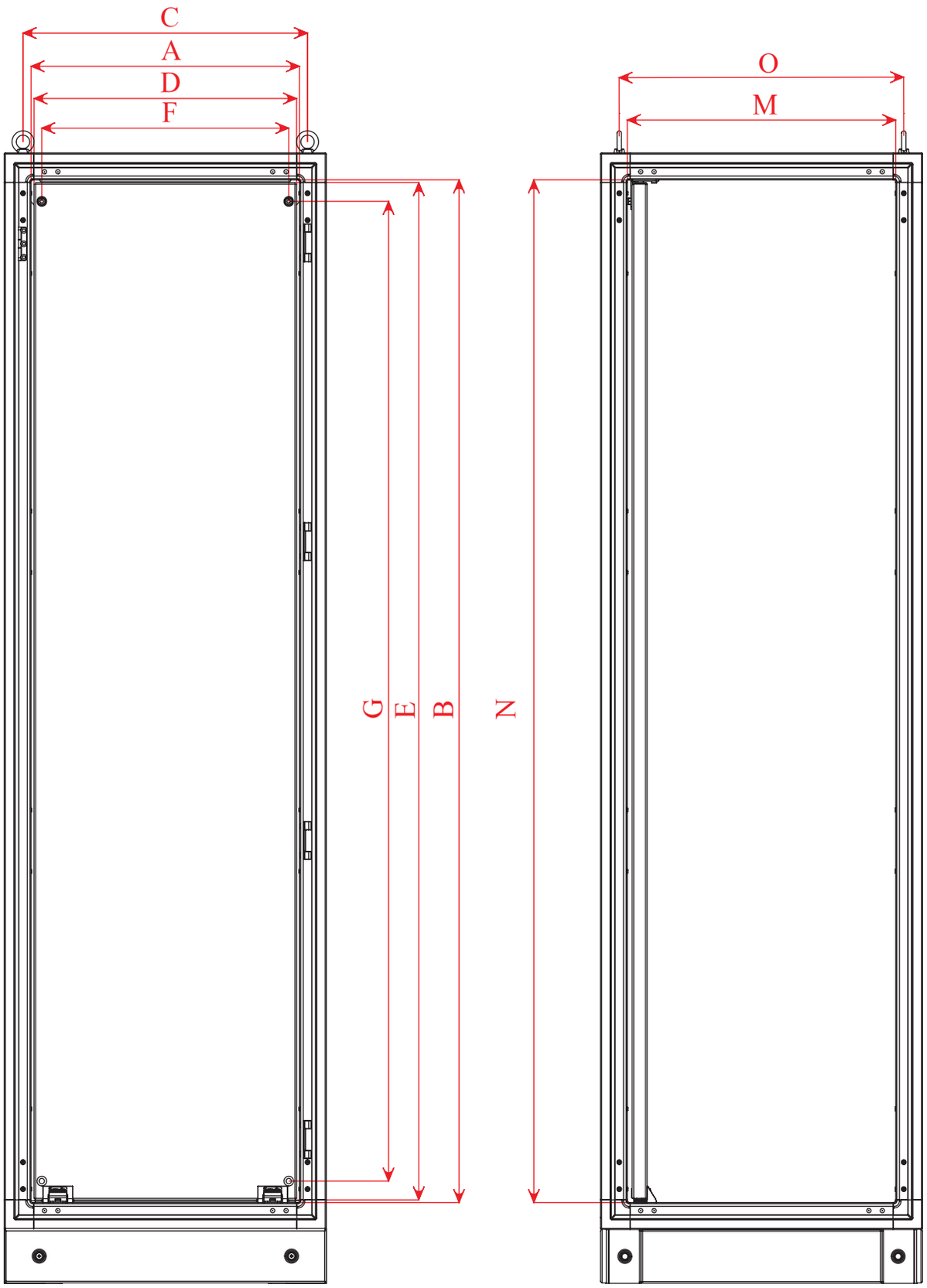
✓ Max. Loading capacity : 1500 kg

3.4. Properties of Epoxy-Polyester Coating:

✓ Application of an 70-90µm thickness coating Henkel Bonderite Nanotechnology application
✓ 500 hours of Salt Spray test resistance.
✓ Adhesion capability EN ISO 2409: Class 0 to 1.
✓ Operating temperature:-25C to +70C degree
Coating Process :
- ✓Degreasing
- ✓Double Rinsing
- ✓D.I. Rinsing
- ✓Nano Zirconium based coating with Henkel Bonderite Nanotechnology
- ✓D.I. Rinsing

4. DIMENSIONS:

4.1. Doors:



FRONT VIEW
(WITHOUT FRONT DOOR)

SIDE VIEW
(WITHOUT SIDE PANEL)

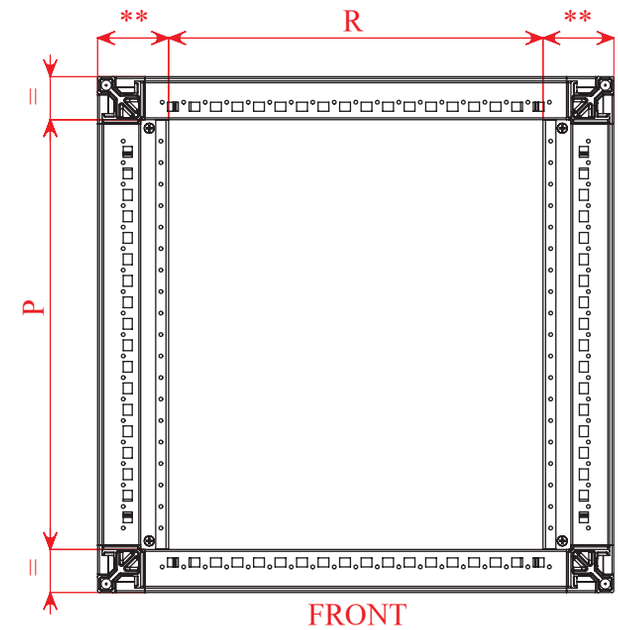
4. DIMENSIONS:

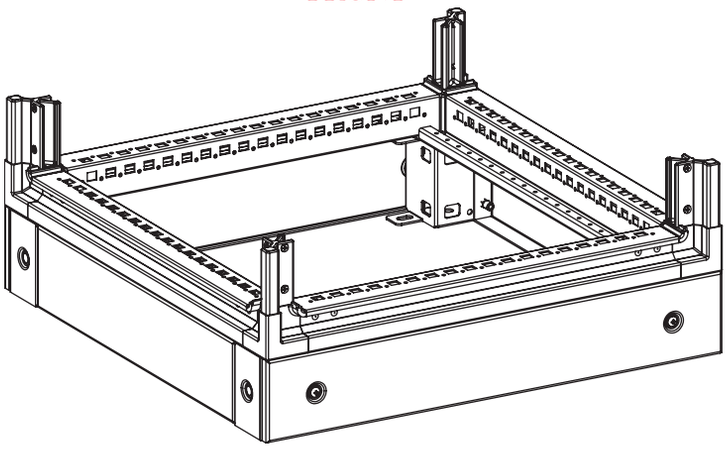
4.1. Doors (Continue):

CATALOG CODE	Enclosure Dimensions (mm)			Enclosure Open Area (mm)		Eye Bolt Points (mm)		Mounting Plate Usable Area (mm)		Mounting Plate Connestion Points (mm.)		Side Usable Area (mm)	
	Width	Height (With Plinth)	Depth	A	B	C	O	D	E	F	G	M	N
LN DT6012040 K1	600	1200+100	400	500	1100	530	330	489	1090	460	1020	300	1100
LN DT8012040 K1	800	1200+100	400	700	1100	730	330	689	1090	660	1020	300	1100
LN DT6016040 K1	600	1600+100	400	500	1500	530	330	489	1490	460	1420	300	1500
LN DT8016040 K1	800	1600+100	400	700	1500	730	330	689	1490	660	1420	300	1500
LN DT6018040 K1	600	1800+100	400	500	1700	530	330	489	1690	460	1620	300	1700
LN DT8018040 K1	800	1800+100	400	700	1700	730	330	689	1690	660	1620	300	1700
LN DT10018040 K1	1000	1800+100	400	900	1700	930	330	889	1690	860	1620	300	1700
LN DT6020040 K1	600	2000+100	400	500	1900	530	330	489	1890	460	1820	300	1900
LN DT8020040 K1	800	2000+100	400	700	1900	730	330	689	1890	660	1820	300	1900
LN DT10020040 K1	1000	2000+100	400	900	1900	930	330	889	1890	860	1820	300	1900
LN DT6016050 K1	600	1600+100	500	500	1500	530	430	489	1490	460	1420	400	1500
LN DT8016050 K1	800	1600+100	500	700	1500	730	430	689	1490	660	1420	400	1500
LN DT4018050 K1	400	1800+100	500	300	1700	330	430	289	1690	260	1620	400	1700
LN DT6018050 K1	600	1800+100	500	500	1700	530	430	489	1690	460	1620	400	1700
LN DT7018050 K1	700	1800+100	500	600	1700	630	430	589	1690	560	1620	400	1700
LN DT8018050 K1	800	1800+100	500	700	1700	730	430	689	1690	660	1620	400	1700
LN DT10018050 K1	1000	1800+100	500	900	1700	930	430	889	1690	860	1620	400	1700
LN DT4020050 K1	400	2000+100	500	300	1900	330	430	289	1890	260	1820	400	1900
LN DT6020050 K1	600	2000+100	500	500	1900	530	430	489	1890	460	1820	400	1900
LN DT7020050 K1	700	2000+100	500	600	1900	630	430	589	1890	560	1820	400	1900
LN DT8020050 K1	800	2000+100	500	700	1900	730	430	689	1890	660	1820	400	1900
LN DT10020050 K1	1000	2000+100	500	900	1900	930	430	889	1890	860	1820	400	1900
LN DT6012060 K1	600	1200+100	600	500	1100	530	530	489	1090	460	1020	500	1100
LN DT8012060 K1	800	1200+100	600	700	1100	730	530	689	1090	660	1020	500	1100
LN DT6016060 K1	600	1600+100	600	500	1500	530	530	489	1490	460	1420	500	1500
LN DT8016060 K1	800	1600+100	600	700	1500	730	530	689	1490	660	1420	500	1500
LN DT4018060 K1	400	1800+100	600	300	1700	330	530	289	1690	260	1620	500	1700
LN DT6018060 K1	600	1800+100	600	500	1700	530	530	489	1690	460	1620	500	1700
LN DT7018060 K1	700	1800+100	600	600	1700	630	530	589	1690	560	1620	500	1700
LN DT8018060 K1	800	1800+100	600	700	1700	730	530	689	1690	660	1620	500	1700
LN DT10018060 K1	1000	1800+100	600	900	1700	930	530	889	1690	860	1620	500	1700
LN DT4020060 K1	400	2000+100	600	300	1900	330	530	289	1890	260	1820	500	1900
LN DT6020060 K1	600	2000+100	600	500	1900	530	530	489	1890	460	1820	500	1900
LN DT7020060 K1	700	2000+100	600	600	1900	630	530	589	1890	560	1820	500	1900
LN DT8020060 K1	800	2000+100	600	700	1900	730	530	689	1890	660	1820	500	1900
LN DT10020060 K1	1000	2000+100	600	900	1900	930	530	889	1890	860	1820	500	1900
LN DT4020080 K1	400	2000+100	800	300	1900	330	730	289	1890	260	1820	700	1900
LN DT6020080 K1	600	2000+100	800	500	1900	530	730	489	1890	460	1820	700	1900
LN DT7020080 K1	700	2000+100	800	600	1900	630	730	589	1890	560	1820	700	1900
LN DT8020080 K1	800	2000+100	800	700	1900	730	730	689	1890	660	1820	700	1900
LN DT10020080 K1	1000	2000+100	800	900	1900	930	730	889	1890	860	1820	700	1900
LN DT60200100 K1	600	2000+100	1000	500	1900	530	930	489	1890	460	1820	900	1900
LN DT80200100 K1	800	2000+100	1000	700	1900	730	930	689	1890	660	1820	900	1900
LN DT60200120 K1	600	2000+100	1200	500	1900	530	1130	489	1890	460	1820	1100	1900
LN DT80200120 K1	800	2000+100	1200	700	1900	730	1130	689	1890	660	1820	1100	1900

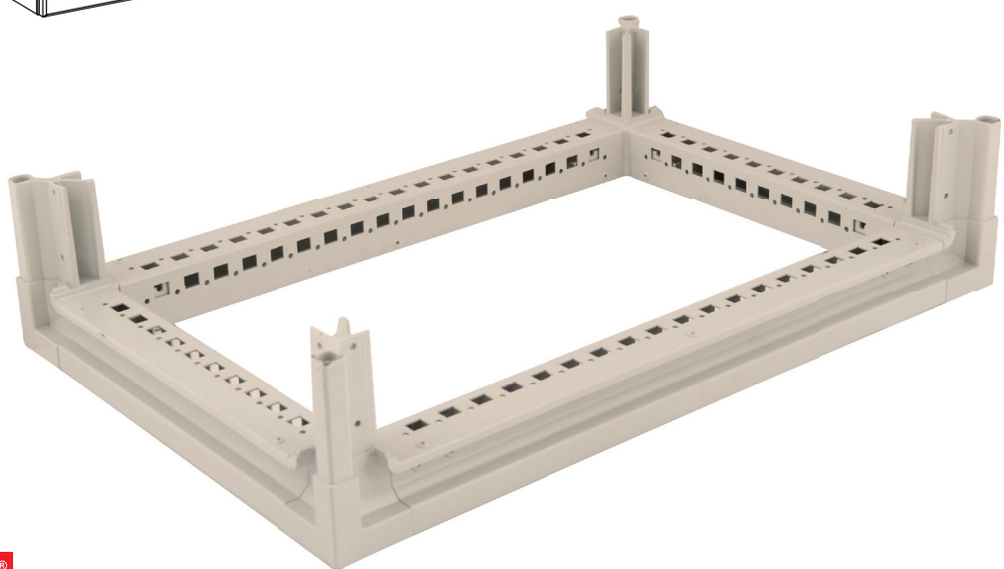
4. DIMENSIONS (Continue):
4.2. Enclosure Cable Openings (Bottom):

✓ Cable Entry zone is being formed with two metal sticks that beyond the depth of enclosure.
✓ Provides huge amount of cable passage
✓ Different Type of cable closure accessories can be used for better IP ratings.
✓ Sealed with gasket access.





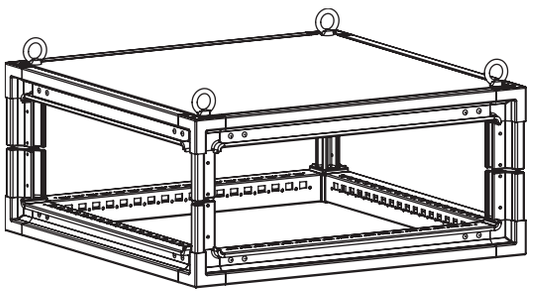
Enclosure Size (mm)		Cable Open Space Area (mm)	
Width	Depth	P	R
600	400	300	435
800	400	300	635
1000	400	300	835
400	500	400	235
600	500	400	435
700	500	400	535
800	500	400	635
1000	500	400	835
600	600	500	435
800	600	500	635
400	600	500	235
700	600	500	535
800	600	500	635
1000	600	500	835
400	800	700	235
600	800	700	435
700	800	700	535
800	800	700	635
1000	800	700	835
600	1000	900	435
800	1000	900	635
600	1200	1100	435
800	1200	1100	635



5. EQUIPMENTS:

5.1. Top and Bottom Frames:

✓ Top and Bottom Frames contain depth and width profiles and aluminium corner parts pre-assembled.
✓ Depth and width profiles fixed with special rivets to establish robust chassis.
✓ Ready to mount for vertical profiles to build the enclosure structure.
✓ 1 set contains, Top frame (1ea) , Bottom frame (1ea), Top cover (1ea) , Eye bolt (4ea) …
✓ Painted 70-90µ thickness RAL 7035 fine wrinkle with Nanotechnology to obtain upto 500 hours of salt spray test resistance.

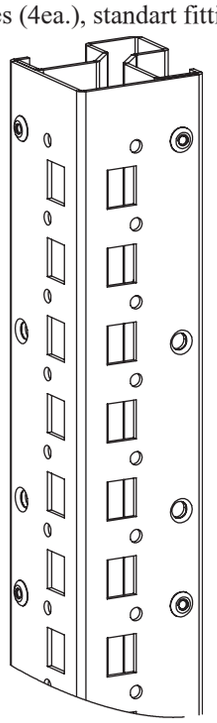




Catalog Code	Description	Width (mm)	Depth (mm)
LN AUS 4050	W=400 D=500 Top and Bottom Frames	400	500
LN AUS 4060	W=400 D=600 Top and Bottom Frames	400	600
LN AUS 4080	W=400 D=800 Top and Bottom Frames	400	800
LN AUS 6040	W=600 D=400 Top and Bottom Frames	600	400
LN AUS 6050	W=600 D=500 Top and Bottom Frames	600	500
LN AUS 6060	W=600 D=600 Top and Bottom Frames	600	600
LN AUS 6080	W=600 D=800 Top and Bottom Frames	600	800
LN AUS 60100	W=600 D=1000 Top and Bottom Frames	600	1000
LN AUS 60120	W=600 D=1200 Top and Bottom Frames	600	1200
LN AUS 7050	W=700 D=500 Top and Bottom Frames	700	500
LN AUS 7060	W=700 D=600 Top and Bottom Frames	700	600
LN AUS 7080	W=700 D=800 Top and Bottom Frames	700	800
LN AUS 8040	W=800 D=400 Top and Bottom Frames	800	400
LN AUS 8050	W=800 D=500 Top and Bottom Frames	800	500
LN AUS 8060	W=800 D=600 Top and Bottom Frames	800	600
LN AUS 8080	W=800 D=800 Top and Bottom Frames	800	800
LN AUS 80100	W=800 D=1000 Top and Bottom Frames	800	1000
LN AUS 80120	W=800 D=1200 Top and Bottom Frames	800	1200
LN AUS 10040	W=1000 D=400 Top and Bottom Frames	1000	400
LN AUS 10050	W=1000 D=500 Top and Bottom Frames	1000	500
LN AUS 10060	W=1000 D=600 Top and Bottom Frames	1000	600
LN AUS 10080	W=1000 D=800 Top and Bottom Frames	1000	800

5.2. Frame Vertical Profiles:

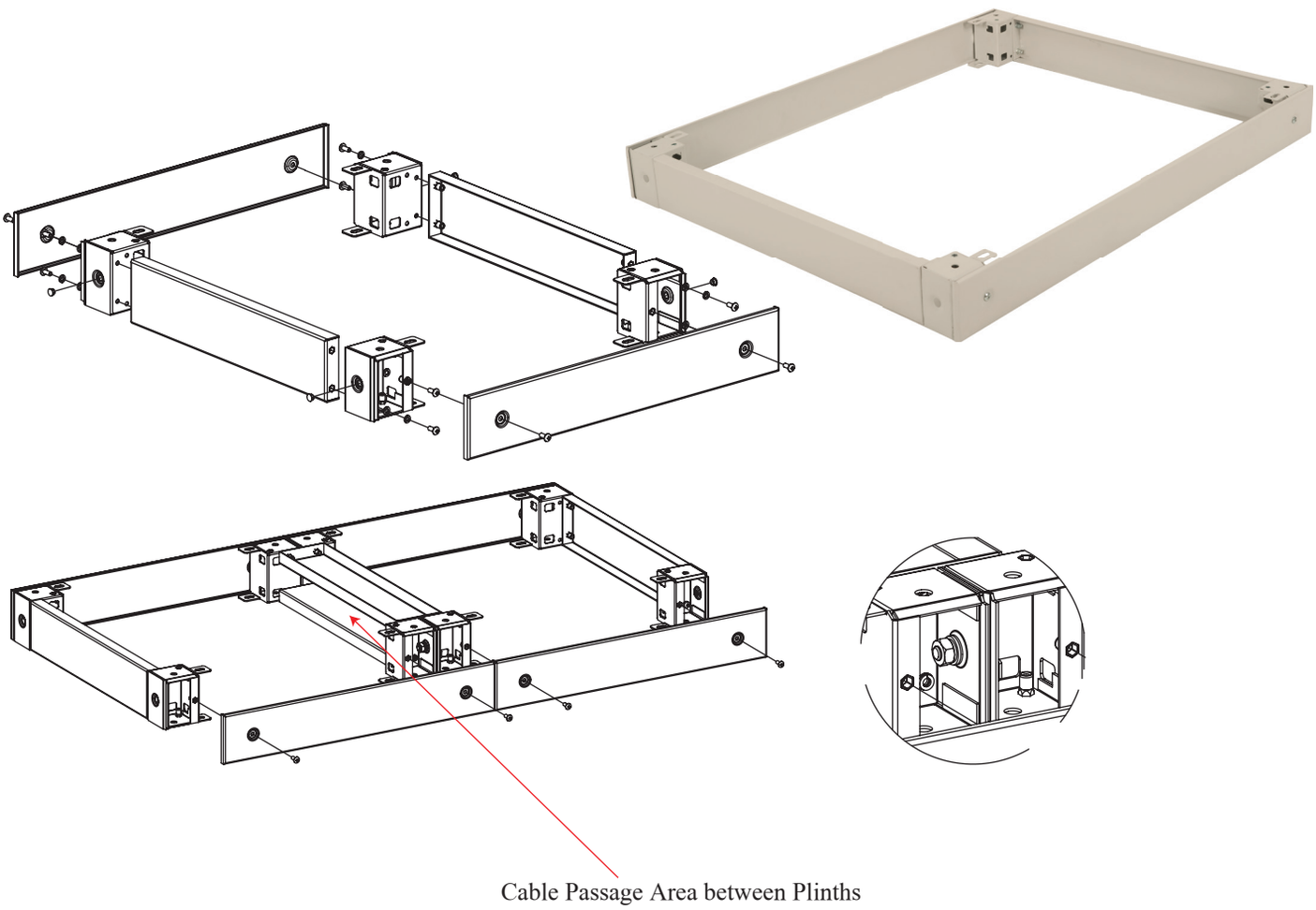
✓ Closed section profile has high moment of inertia on X & Y axis to gain extra strength.
✓ Profiles produced with DIN EN10142-2000 DX51 D+Z material and has high resistance against corrosion.
✓ Painted 70-90µ thickness RAL 7035 fine wrinkle with Nanotechnology to obtain upto 500 hours of salt spray test resistance.
✓ 1 set contains, vertical profiles (4ea.), standart fittings for fixing to top&bottom frames.



Catalog Code	Description	Height (mm)
LN DP 120	H=1200mm. Vertical Frames	1090
LN DP 160	H=1600mm. Vertical Frames	1490
LN DP 180	H=1800mm. Vertical Frames	1690
LN DP 200	H=2000mm. Vertical Frames	1890

5. EQUIPMENTS (Continue):
5.3. Plinth:

✓ Multifolded and welded corner parts resist to high weight.
✓ Corner parts produced with 2 mm DC01 rawmaterial.
✓ Extra fixation points to ground and other plinths for sismic resistance.
✓ Plinths can be fixed to eachother beside or over and over.
✓ Levelling feet or castor sets can be assembled to plinth.



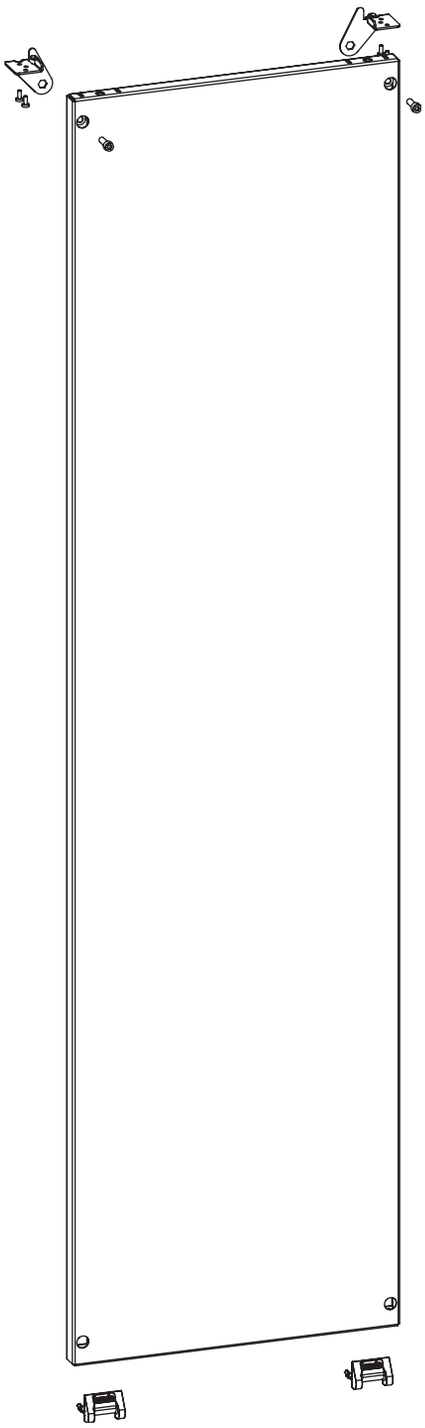
Cable Passage Area between Plinths

SAMPLE APPLICATION

Catalog Code	Description	Height (mm)
LN BZ K10	H=100mm. Plinth Corner Part Set (4ea.)	100
LN BZ K20	H=200mm. Plinth Corner Part Set (4ea.)	200
LN BZ KPD40	Depth = 400mm. H=100mm. Plinth Cover Panel (2ea.)	100
LN BZ KPD50	Depth = 500mm. H=100mm. Plinth Cover Panel (2ea.)	100
LN BZ KPD60	Depth = 600mm. H=100mm. Plinth Cover Panel (2ea.)	100
LN BZ KPD80	Depth = 800mm. H=100mm. Plinth Cover Panel (2ea.)	100
LN BZ KPD100	Depth = 1000mm. H=100mm. Plinth Cover Panel (2ea.)	100
LN BZ KPD120	Depth= 1200mm. H.=100mm. Plinth Cover Panel (2ea.)	100
LN BZ KPK40	Width = 400mm. H=100mm. Plinth Cover Panel (2ea.)	100
LN BZ KPK60	Width = 600mm. H=100mm. Plinth Cover Panel (2ea.)	100
LN BZ KPK70	Width = 700mm. H=100mm. Plinth Cover Panel (2ea.)	100
LN BZ KPK80	Width = 800mm. H=100mm. Plinth Cover Panel (2ea.)	100
LN BZ KPK100	Width = 1000mm. H=100mm. Plinth Cover Panel (2ea.)	100

5. EQUIPMENTS:
5.4. Mounting Plate:

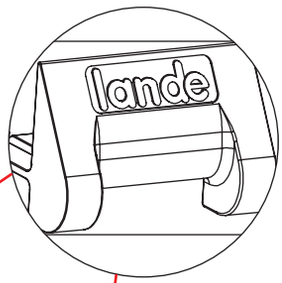
- ✓ Mounting plate produced with 2 mm or 3 mm Pre-galvanised raw material.(2 mm standart thickness and 3 mm is optional)
- ✓ Double side bendings and to create extra robustness for heavy device and components fixation.
- ✓ Mounting brackets on left and right top side to fix more safely.
- ✓ Sliding rails and sliding parts on bottom side, gives easiness to sliding assembly inside the enclosure.
- ✓ 1 set include Mounting Plate(1ea), Mounting plate brackets(2ea.) , Plastic sliding part (2ea.) , and fittings.



Catalog Code	Definition	Thickness (mm)	Width (mm)	Height (mm)
LN MP 40180 T2	Mounting Plate W=400mm. H=1800mm.	2	289	1690
LN MP 40200 T2	Mounting Plate W=400mm. H=2000mm.	2	289	1890
LN MP 60120 T2	Mounting Plate W=600mm. H=1200mm.	2	489	1090
LN MP 60160 T2	Mounting Plate W=600mm. H=1600mm.	2	489	1490
LN MP 60180 T2	Mounting Plate W=600mm. H=1800mm.	2	489	1690
LN MP 60200 T2	Mounting Plate W=600mm. H=2000mm.	2	489	1890
LN MP 70180 T2	Mounting Plate W=700mm. H=1800mm.	2	589	1690
LN MP 70200 T2	Mounting Plate W=700mm. H=2000mm.	2	589	1890
LN MP 80120 T2	Mounting Plate W=800mm. H=1200mm.	2	689	1090
LN MP 80160 T2	Mounting Plate W=800mm. H=1600mm.	2	689	1490
LN MP 80180 T2	Mounting Plate W=800mm. H=1800mm.	2	689	1690
LN MP 80200 T2	Mounting Plate W=800mm. H=2000mm.	2	689	1890
LN MP 100180 T2	Mounting Plate W=1000mm. H=1800mm.	2	889	1690
LN MP 100200 T2	Mounting Plate W=1000mm. H=2000mm.	2	889	1890
LN MP 40180 T3	Mounting Plate W=400mm. H=1800mm.	3	289	1690
LN MP 40200 T3	Mounting Plate W=400mm. H=2000mm.	3	289	1890
LN MP 60120 T3	Mounting Plate W=600mm. H=1200mm.	3	489	1090
LN MP 60160 T3	Mounting Plate W=600mm. H=1600mm.	3	489	1490
LN MP 60180 T3	Mounting Plate W=600mm. H=1800mm.	3	489	1690
LN MP 60200 T3	Mounting Plate W=600mm. H=2000mm.	3	489	1890
LN MP 70180 T3	Mounting Plate W=700mm. H=1800mm.	3	589	1690
LN MP 70200 T3	Mounting Plate W=700mm. H=2000mm.	3	589	1890
LN MP 80120 T3	Mounting Plate W=800mm. H=1200mm.	3	689	1090
LN MP 80160 T3	Mounting Plate W=800mm. H=1600mm.	3	689	1490
LN MP 80180 T3	Mounting Plate W=800mm. H=1800mm.	3	689	1690
LN MP 80200 T3	Mounting Plate W=800mm. H=2000mm.	3	689	1890
LN MP 100180 T3	Mounting Plate W=1000mm. H=1800mm.	3	889	1690
LN MP 100200 T3	Mounting Plate W=1000mm. H=2000mm.	3	889	1890

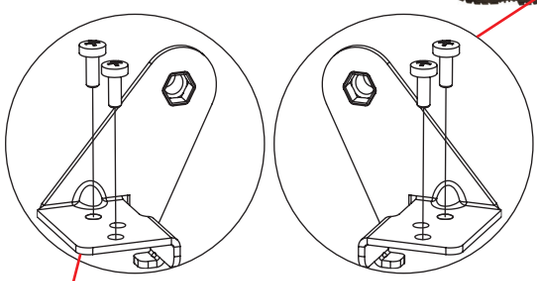
5. EQUIPMENTS:
5.4. Mounting Plate (Continue):





Plastic Sliding Part





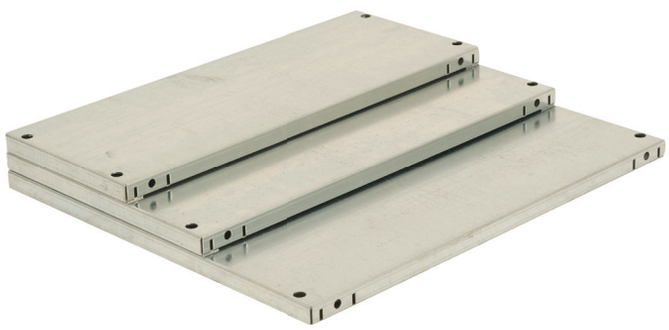
Mounting Plate Brackets



- ✓ Easy and Quick Fix Mounting Plate: Thanks to plastic quick fit parts, to slide on rails for heavy-installed mounting plates.
- ✓ Just fit plastic parts to mounting plate without any fittings, and slide it on rails.
- ✓ Only things you need, 2 X M8 screws to fix mounting plate on top.

5. EQUIPMENTS:
5.5. Partial Mounting Plate:

- ✓ Partial Mounting plate produced with 2 mm Pre-galvanised raw material.
- ✓ Double side bendings and to create extra robustness for heavy device and components fixation.
- ✓ Mounting brackets on left and right top side to fix more safely.
- ✓ Sliding rails and sliding parts on bottom side, gives easiness to sliding assembly inside the enclosure.
- ✓ 1 set includes Mounting Plate(1ea).All other accessories must be ordered seperately.



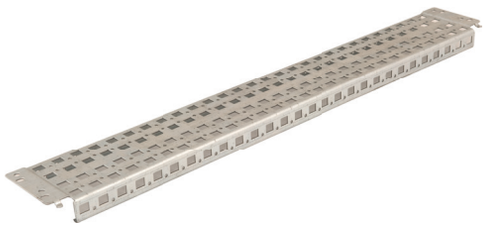


Catalog Code	Description
LN MP P 4015	Partial Mounting Plate w=400xh=150mm.
LN MP P 4017	Partial Mounting Plate w=400xh=175mm.
LN MP P 4020	Partial Mounting Plate w=400xh=200mm.
LN MP P 4025	Partial Mounting Plate w=400xh=250mm.
LN MP P 4030	Partial Mounting Plate w=400xh=300mm.
LN MP P 4040	Partial Mounting Plate w=400xh=400mm.
LN MP P 4050	Partial Mounting Plate w=400xh=500mm.
LN MP P 4060	Partial Mounting Plate w=400xh=600mm.
LN MP P 6015	Partial Mounting Plate w=600xh=150mm.
LN MP P 6017	Partial Mounting Plate w=600xh=175mm.
LN MP P 6020	Partial Mounting Plate w=600xh=200mm.
LN MP P 6025	Partial Mounting Plate w=600xh=250mm.
LN MP P 6030	Partial Mounting Plate w=600xh=300mm.
LN MP P 6040	Partial Mounting Plate w=600xh=400mm.
LN MP P 6050	Partial Mounting Plate w=600xh=500mm.
LN MP P 6060	Partial Mounting Plate w=600xh=600mm.
LN MP P 7015	Partial Mounting Plate w=700xh=150mm.
LN MP P 7017	Partial Mounting Plate w=700xh=175mm.
LN MP P 7020	Partial Mounting Plate w=700xh=200mm.
LN MP P 7025	Partial Mounting Plate w=700xh=250mm.
LN MP P 7030	Partial Mounting Plate w=700xh=300mm.
LN MP P 7040	Partial Mounting Plate w=700xh=400mm.
LN MP P 7050	Partial Mounting Plate w=700xh=500mm.
LN MP P 7060	Partial Mounting Plate w=700xh=600mm.
LN MP P 8015	Partial Mounting Plate w=800xh=150mm.
LN MP P 8017	Partial Mounting Plate w=800xh=175mm.
LN MP P 8020	Partial Mounting Plate w=800xh=200mm.
LN MP P 8025	Partial Mounting Plate w=800xh=250mm.
LN MP P 8030	Partial Mounting Plate w=800xh=300mm.
LN MP P 8040	Partial Mounting Plate w=800xh=400mm.
LN MP P 8050	Partial Mounting Plate w=800xh=500mm.
LN MP P 8060	Partial Mounting Plate w=800xh=600mm.
LN MP P 10015	Partial Mounting Plate w=1000xh=150mm.
LN MP P 10017	Partial Mounting Plate w=1000xh=175mm.
LN MP P 10020	Partial Mounting Plate w=1000xh=200mm.
LN MP P 10025	Partial Mounting Plate w=1000xh=250mm.
LN MP P 10030	Partial Mounting Plate w=1000xh=300mm.
LN MP P 10040	Partial Mounting Plate w=1000xh=400mm.
LN MP P 10050	Partial Mounting Plate w=1000xh=500mm.
LN MP P 10060	Partial Mounting Plate w=1000xh=600mm.

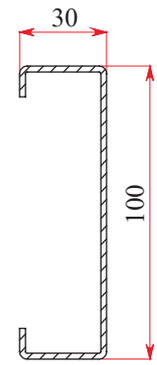
5. EQUIPMENTS:

5.6. Mounting Profiles (C) Bended H:100 mm:

✓ Mounting profiles produced with 2 mm Pre-galvanised raw material.
✓ 100 mm C shaped section gives extra moment of inertia against high torsion forces.
✓ Multi punched holes along profiles , provides flexible connection points for accesories.
✓ Quick-fix system provides easy mounting to profiles with only two self tapping screws.
✓ Profiles can be used horizontal or vertical and can be mounted on other profiles.
✓ 1 set includes, Mounting profiles(2ea.), Self tapping Screw (2ea.)



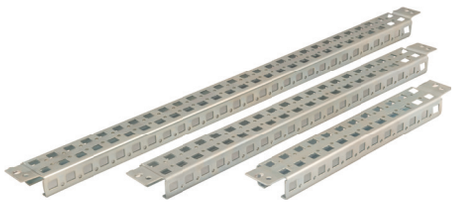
Catalog Code	Description
LN 40MP T1	Easy-Fix Mounting Profiles, H=100mm. L=400mm. (2ea.)
LN 50MP T1	Easy-Fix Mounting Profiles, H=100mm. L=500mm. (2ea.)
LN 60MP T1	Easy-Fix Mounting Profiles, H=100mm. L=600mm. (2ea.)
LN 70MP T1	Easy-Fix Mounting Profiles, H=100mm. L=700mm. (2ea.)
LN 80MP T1	Easy-Fix Mounting Profiles, H=100mm. L=800mm. (2ea.)
LN 100MP T1	Easy-Fix Mounting Profiles, H=100mm. L=900mm. (2ea.)
LN 120MP T1	Easy-Fix Mounting Profiles, H=100mm. L=1000mm. (2ea.)
LN 140MP T1	Easy-Fix Mounting Profiles, H=100mm. L=1400mm. (2ea.)
LN 160MP T1	Easy-Fix Mounting Profiles, H=100mm. L=1600mm. (2ea.)
LN 180MP T1	Easy-Fix Mounting Profiles, H=100mm. L=1800mm. (2ea.)
LN 200MP T1	Easy-Fix Mounting Profiles, H=100mm. L=2000mm. (2ea.)



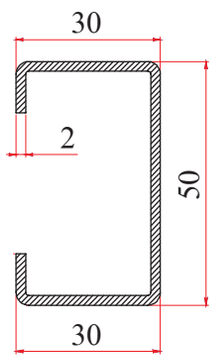
* Dimensions are represented enclosure main dimensions…

5.7. Mounting Profiles (C) Bended H:50 mm:

✓ Mounting profiles produced with 2 mm Pre-galvanised raw material.
✓ Multi punched holes along profiles, provides flexible connection points for accesories.
✓ Quick-fix system provides easy mounting to profiles with only two self tapping screws.
✓ Profiles can be used horizontal or vertical and can be mounted on other profiles.
✓ 1 set includes, Mounting profiles(2ea.), Self tapping Screw (2ea)



Catalog Code	Description
LN 40MP T2	Easy-Fix Mounting Profiles, H=50mm. L=400mm. (2ea.)
LN 50MP T2	Easy-Fix Mounting Profiles, H=50mm. L=500mm. (2ea.)
LN 60MP T2	Easy-Fix Mounting Profiles, H=50mm. L=600mm. (2ea.)
LN 70MP T2	Easy-Fix Mounting Profiles, H=50mm. L=700mm. (2ea.)
LN 80MP T2	Easy-Fix Mounting Profiles, H=50mm. L=800mm. (2ea.)
LN 100MP T2	Easy-Fix Mounting Profiles, H=50mm. L=1000mm. (2ea.)
LN 120MP T2	Easy-Fix Mounting Profiles, H=50mm. L=1200mm. (2ea.)
LN 140MP T2	Easy-Fix Mounting Profiles, H=50mm. L=1400mm. (2ea.)
LN 160MP T2	Easy-Fix Mounting Profiles, H=50mm. L=1600mm. (2ea.)
LN 180MP T2	Easy-Fix Mounting Profiles, H=50mm. L=1800mm. (2ea.)
LN 200MP T2	Easy-Fix Mounting Profiles, H=50mm. L=2000mm. (2ea.)



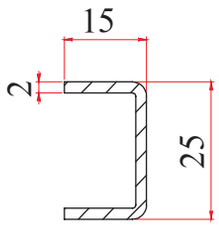
* Dimensions are represented enclosure main dimensions…

5.8. Mounting Profiles (U) Bended H:25 mm:

✓ Mounting profiles produced with 2 mm Pre-galvanised raw material.
✓ Multi punched holes along profiles , provides flexible connection points for accesories.
✓ Profiles can be used horizontal or vertical and can be mounted on other profiles.
✓ 1 set includes, Mounting profiles(2ea.), Self tapping Screw (2ea)



Catalog Code	Description
LN 40MP T3	Easy-Fix Mounting Profiles, H=25mm. L=400mm. (2ea.)
LN 50MP T3	Easy-Fix Mounting Profiles, H=25mm. L=500mm. (2ea.)
LN 60MP T3	Easy-Fix Mounting Profiles, H=25mm. L=600mm. (2ea.)
LN 70MP T3	Easy-Fix Mounting Profiles, H=25mm. L=700mm. (2ea.)
LN 80MP T3	Easy-Fix Mounting Profiles, H=25mm. L=800mm. (2ea.)
LN 100MP T3	Easy-Fix Mounting Profiles, H=25mm. L=900mm. (2ea.)
LN 120MP T3	Easy-Fix Mounting Profiles, H=25mm. L=1000mm. (2ea.)
LN 140MP T3	Easy-Fix Mounting Profiles, H=25mm. L=1400mm. (2ea.)
LN 160MP T3	Easy-Fix Mounting Profiles, H=25mm. L=1600mm. (2ea.)
LN 180MP T3	Easy-Fix Mounting Profiles, H=25mm. L=1800mm. (2ea.)
LN 200MP T3	Easy-Fix Mounting Profiles, H=25mm. L=2000mm. (2ea.)



* Dimensions are represented enclosure main dimensions…

5. EQUIPMENTS:
5.9. 19'' - System:

- ✓ Side arms and 19'' profiles can be adaptated to actual enclosure easily.
- ✓ 19'' profiles can be adjusted on depth direction each 25 mm.
- ✓ 19'' profiles produced with 1,5 mm DC01-6112 raw material and coated electro-galvanise.
- ✓ Side arms produced with 1,5 mm Pre-galvanised raw material.
- ✓ 1 set includes ; Mounting profiles (4ea), Side arms (6-8 pcs), Width adaptor (only for W=800 enclosures), All necessary fittings.
- ✓ For additional 19'' profiles please check our Lande General Catalogue.(Accessories – FS Mounting Profiles)

Catalog Code	Description
LN RK 6012060 24U	19" 24U Rack Cabinet System 600x1200x600mm.
LN RK 8012060 24U	19" 24U Rack Cabinet System 800x1200x600mm.
LN RK 6016060 33U	19" 33U Rack Cabinet System 600x1600x600mm.
LN RK 8016060 33U	19" 33U Rack Cabinet System 800x1600x600mm.
LN RK 6018060 38U	19" 38U Rack Cabinet System 600x1800x800mm.
LN RK 8018060 38U	19" 38U Rack Cabinet System 800x1800x600mm.
LN RK 6020060 42U	19" 42U Rack Cabinet System 600x2000x600mm.
LN RK 8020060 42U	19" 42U Rack Cabinet System 800x2000x600mm.
LN RK 6020080 42U	19" 42U Rack Cabinet System 600x2000x800mm.
LN RK 8020080 42U	19" 42U Rack Cabinet System 800x2000x800mm.
LN RK 60200100 42U	19" 42U Rack Cabinet System 600x2000x1000mm.
LN RK 80200100 42U	19" 42U Rack Cabinet System 800x2000x1000mm.
LN RK 60200120 42U	19" 42U Rack Cabinet System 600x2000x1200mm.
LN RK 80200120 42U	19" 42U Rack Cabinet System 800x2000x1200mm.



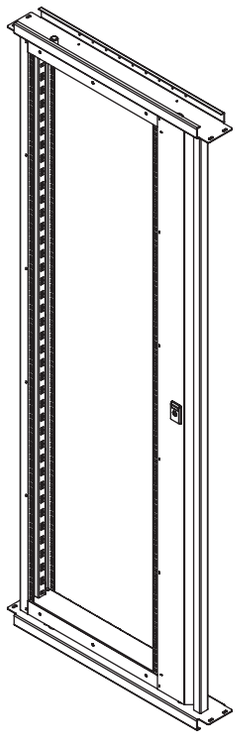
SHIPPING CONFIGURATION		
Size	Side Arm Qty	19" Profile Qty
42U	8 pcs (4 left / 4 right)	4 pcs (2 front /2 rear)
38U	6 pcs (3 left / 3 right)	4 pcs (2 front /2 rear)
33U	6 pcs (3 left / 3 right)	4 pcs (2 front /2 rear)
24U	4 pcs (2 left / 2 right)	4 pcs (2 front /2 rear)

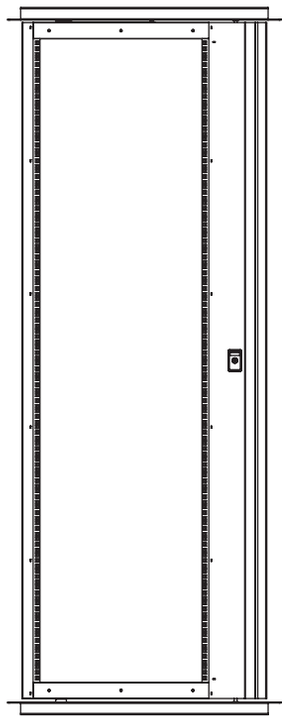
5. EQUIPMENTS:
5.10. Swing Frame:

- ✓ Swing Frame module can carry up to 150 kgs. without any deflection.
- ✓ Frame can be put inside enclsoures W≥800 mm.
- ✓ Maximum opening angle is 120˚.
- ✓ Swing Module can be adjusted on depth direction for each 25 mm.
- ✓ Main body and chassis parts are produced with 2 mm DC01 raw material.
- ✓ Main body coated with electro-galvanisation to eliminate corrosion and burr risks.
- ✓ Special hinge system provides soft opening.
- ✓ Door stoper mechanism stops the door at max. Opening angle of 120˚.
- ✓ 1 set includes Main body (1ea) , Chassis (2ea) , Door stoper mechanism (1ea), Lock system (Emka-1 set)

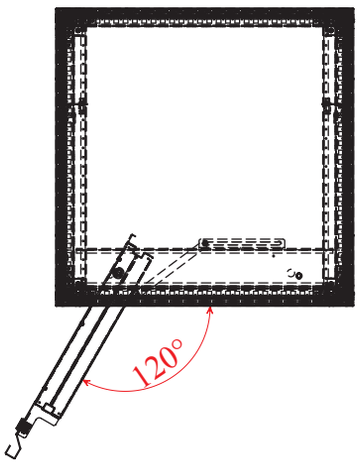


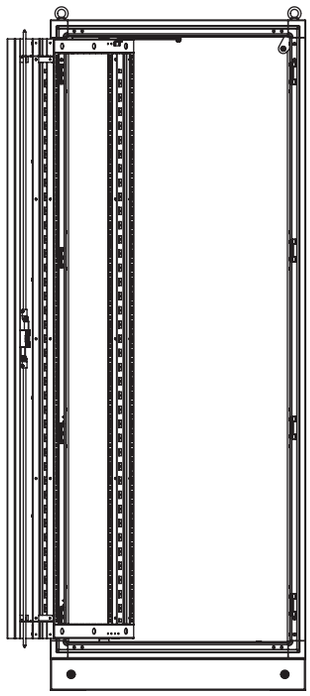


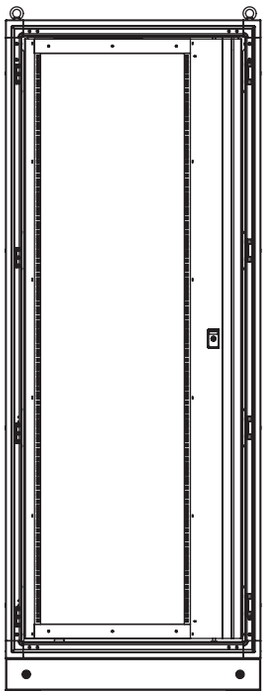




Catalog Code	Description (WxH)
LN SWGF 80120	19" 22U Swing Frame w=800 H=1200mm.
LN SWGF 80160	19" 31U Swing Frame w=800 H=1600mm.
LN SWGF 80180	19" 36U Swing Frame w=800 H=1800mm.
LN SWGF 80200	19" 40U Swing Frame w=800 H=2000mm.







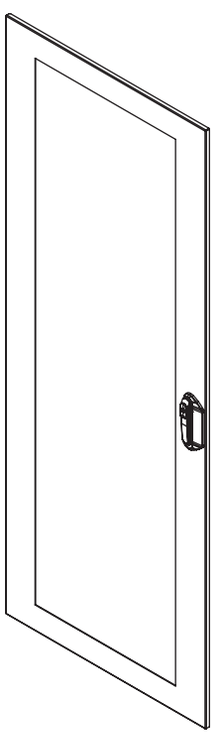
5. EQUIPMENTS:

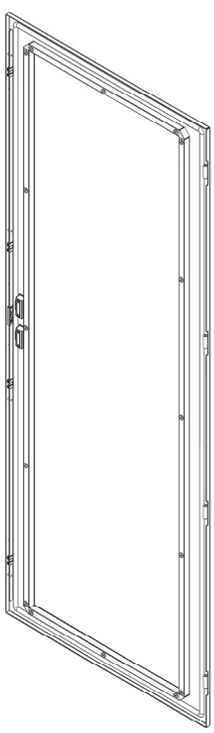
5.11. Front Door with Glass or Plexiglass:

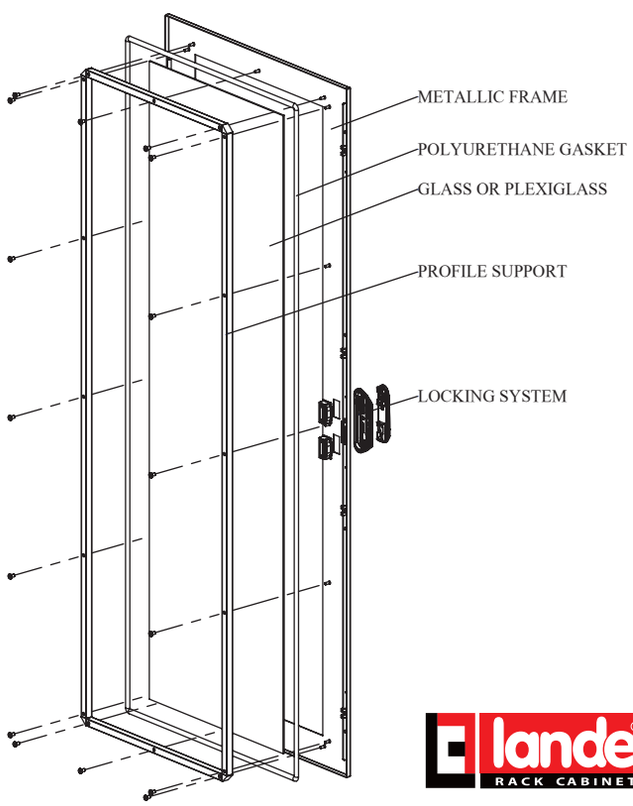
- ✓ Metallic frame produced with 2 mm DC01 – 6112 raw material and painted.
- ✓ Glass is tempered safety glass with 4 mm thickness.
- ✓ Emka branded standard locking system .
- ✓ 4 point locking system.
- ✓ If needed plexiglas can be placed instead of glass with 3 mm thickness.
- ✓ Rectangular internal profile system gives extra strength and planarity to door.
- ✓ Special PU gasketing system provides high IP ratings like IP55.



Catalog Code	Description (WxH)
LN OK CAM 60120	Front Door - Glass W=600mm. H=1200mm.
LN OK PLX 60120	Front Door - Plexiglas W=600mm. H=1200mm.
LN OK CAM 60160	Front Door - Glass W=600mm. H=1600mm.
LN OK PLX 60160	Front Door - Plexiglas W=600mm. H=1600mm.
LN OK CAM 60180	Front Door - Glass W=600mm. H=1800mm.
LN OK PLX 60180	Front Door - Plexiglas W=600mm. H=1800mm.
LN OK CAM 60200	Front Door - Glass W=600mm. H=2000mm.
LN OK PLX 60200	Front Door - Plexiglas W=600mm. H=2000mm.
LN OK CAM 70160	Front Door - Glass W=700mm. H=1600mm.
LN OK PLX 70160	Front Door - Plexiglas W=700mm. H=1600mm.
LN OK CAM 70180	Front Door - Glass W=700mm. H=1800mm.
LN OK PLX 70180	Front Door - Plexiglas W=700mm. H=1800mm.
LN OK CAM 70200	Front Door - Glass W=700mm. H=2000mm.
LN OK PLX 70200	Front Door - Plexiglas W=700mm. H=2000mm.
LN OK CAM 80120	Front Door - Glass W=800mm. H=1200mm.
LN OK PLX 80120	Front Door - Plexiglas W=800mm. H=1200mm.
LN OK CAM 80160	Front Door - Glass W=800mm. H=1600mm.
LN OK PLX 80160	Front Door - Plexiglas W=800mm. H=1600mm.
LN OK CAM 80180	Front Door - Glass W=800mm. H=1800mm.
LN OK PLX 80180	Front Door - Plexiglas W=800mm. H=1800mm.
LN OK CAM 80200	Front Door - Glass W=800mm. H=2000mm.
LN OK PLX 80200	Front Door - Plexiglas W=800mm. H=2000mm.







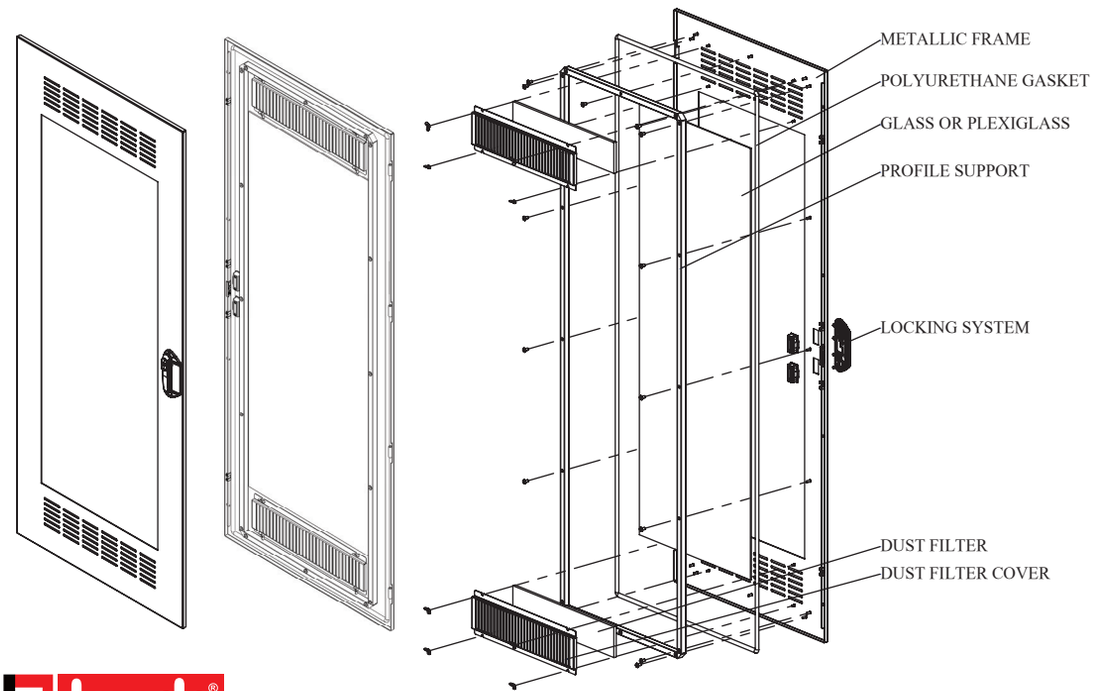
5. EQUIPMENTS:

5.12. Filtered Front Door with Glass or Plexiglass:

- ✓ Metallic frame produced with 2 mm DC01 – 6112 raw material and painted.
- ✓ Glass is tempered safety glass with 4 mm thickness.
- ✓ Emka branded standard locking system .
- ✓ 4 point locking system.
- ✓ If needed plexiglas can be placed instead of glass with 3 mm thickness.
- ✓ Rectangular internal profile system gives extra strength and planarity to door.
- ✓ Special PU gasketing system provides high IP ratings like IP55.
- ✓ Air filter system provides fresh air intake into enclosures from top and bottom of cabinet.



Catalog Code	Description (WxH)
LN OKF CAM 60120	Filtered Front Door - Glass W=600mm. H=1200mm.
LN OKF PLX 60120	Filtered Front Door - Plexiglas W=600mm. H=1200mm.
LN OKF CAM 60160	Filtered Front Door - Glass W=600mm. H=1600mm.
LN OKF PLX 60160	Filtered Front Door - Plexiglas W=600mm. H=1600mm.
LN OKF CAM 60180	Filtered Front Door - Glass W=600mm. H=1800mm.
LN OKF PLX 60180	Filtered Front Door - Plexiglas W=600mm. H=1800mm.
LN OKF CAM 60200	Filtered Front Door - Glass W=600mm. H=2000mm.
LN OKF PLX 60200	Filtered Front Door - Plexiglas W=600mm. H=2000mm.
LN OKF CAM 70160	Filtered Front Door - Glass W=700mm. H=1600mm.
LN OKF PLX 70160	Filtered Front Door - Plexiglas W=700mm. H=1600mm.
LN OKF CAM 70180	Filtered Front Door - Glass W=700mm. H=1800mm.
LN OKF PLX 70180	Filtered Front Door - Plexiglas W=700mm. H=1800mm.
LN OKF CAM 70200	Filtered Front Door - Glass W=700mm. H=2000mm.
LN OKF PLX 70200	Filtered Front Door - Plexiglas W=700mm. H=2000mm.
LN OKF CAM 80120	Filtered Front Door - Glass W=800mm. H=1200mm.
LN OKF PLX 80120	Filtered Front Door - Plexiglas W=800mm. H=1200mm.
LN OKF CAM 80160	Filtered Front Door - Glass W=800mm. H=1600mm.
LN OKF PLX 80160	Filtered Front Door - Plexiglas W=800mm. H=1600mm.
LN OKF CAM 80180	Filtered Front Door - Glass W=800mm. H=1800mm.
LN OKF PLX 80180	Filtered Front Door - Plexiglas W=800mm. H=1800mm.
LN OKF CAM 80200	Filtered Front Door - Glass W=800mm. H=2000mm.
LN OKF PLX 80200	Filtered Front Door - Plexiglas W=800mm. H=2000mm.



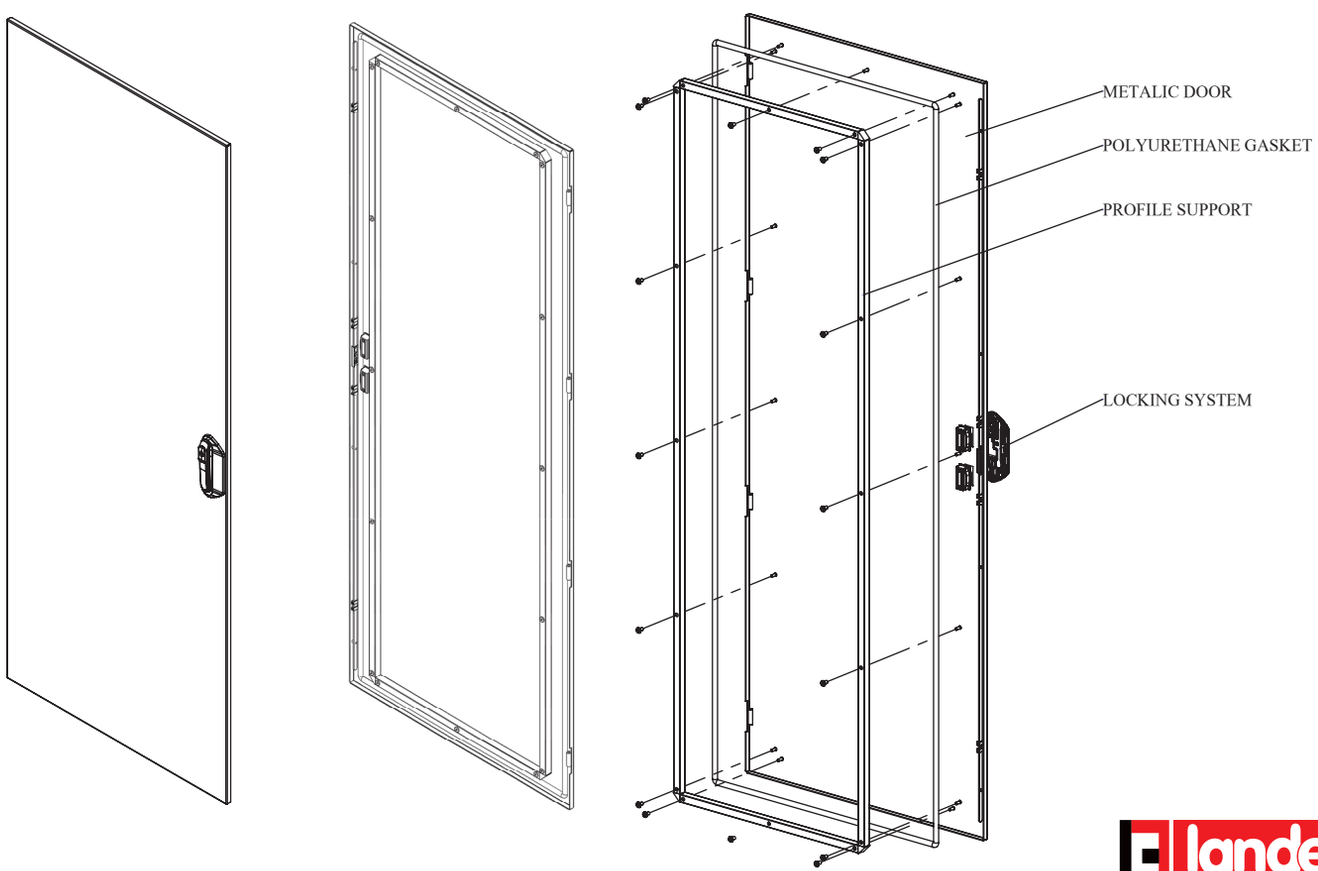
5. EQUIPMENTS:

5.13. Metal Door:

- ✓ Metallic door produced with 2 mm DC01 – 6112 raw material and painted.
- ✓ Emka branded standard locking system .
- ✓ 4 point locking system.
- ✓ Rectangular internal profile system gives extra strength and planarity to door.
- ✓ Special PU gasketing system provides high IP ratings like IP55.
- ✓ Standart Enclosure has metallic door.



Catalog Code	Description (WxH)
LN OK 40180	Front Door / Metal W=400mm. H=1800mm.
LN OK 40200	Front Door / Metal W=400mm. H=2000mm.
LN OK 60120	Front Door / Metal W=600mm. H=1200mm.
LN OK 60160	Front Door / Metal W=600mm. H=1600mm.
LN OK 60180	Front Door / Metal W=600mm. H=1800mm.
LN OK 60200	Front Door / Metal W=600mm. H=2000mm.
LN OK 70160	Front Door / Metal W=700mm. H=1600mm.
LN OK 70180	Front Door / Metal W=700mm. H=1800mm.
LN OK 70200	Front Door / Metal W=700mm. H=2000mm.
LN OK 80120	Front Door / Metal W=800mm. H=1200mm.
LN OK 80160	Front Door / Metal W=800mm. H=1600mm.
LN OK 80180	Front Door / Metal W=800mm. H=1800mm.
LN OK 80200	Front Door / Metal W=800mm. H=2000mm.
LN OK 100180	Front Door / Metal (double) W=1000mm. H=1800mm.
LN OK 100200	Front Door / Metal (double)W=1000mm. H=2000mm.



5. EQUIPMENTS:

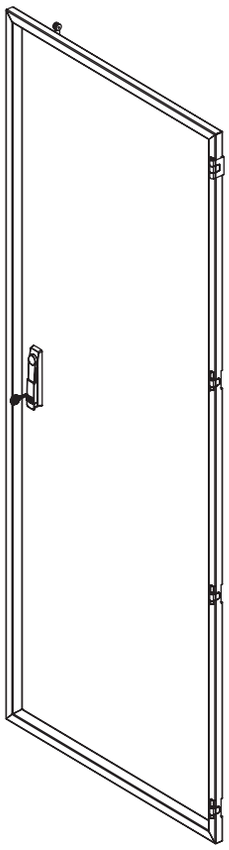
5.14. Outward 180º Opening Door (Visible Hinge System):

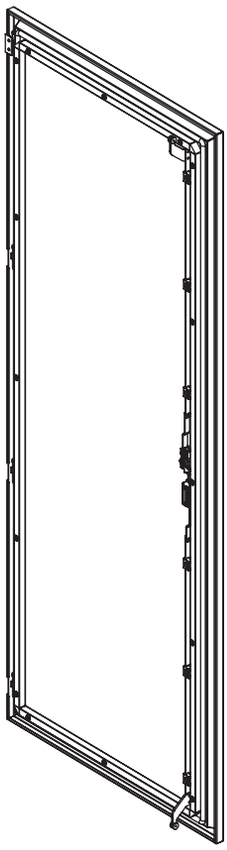
✓ Metallic / Glass / Filtered-Glass /Perforated versions are available.
✓ Emka branded locking system
✓ 180 degrees of opening angle.
✓ Visible aesthetic hinges
✓ Extended internal profile support system , gives extra rigidity and planarity.
✓ PU gasketing system provides IP55 raiting.
✓ 3 points of locking.

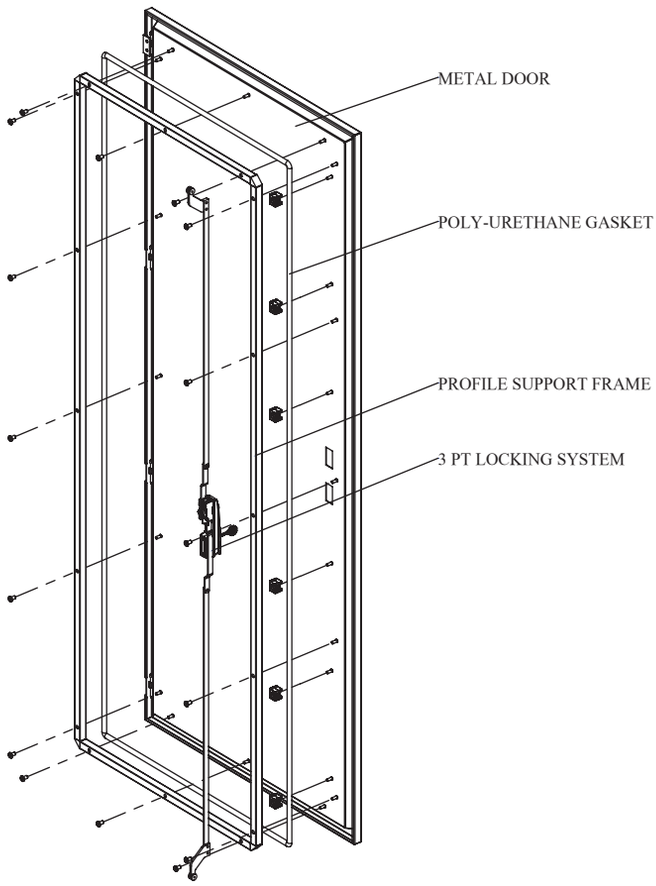


Catalog Code	Description (WxH)
LN ODK 40180	Front Door 180º Opening / Metal W=400mm. H=1800mm.
LN ODK 40200	Front Door 180º Opening / Metal W=400mm. H=2000mm.
LN ODK 60120	Front Door 180º Opening / Metal W=600mm. H=1200mm.
LN ODK 60160	Front Door 180º Opening / Metal W=600mm. H=1600mm.
LN ODK 60180	Front Door 180º Opening / Metal W=600mm. H=1800mm.
LN ODK 60200	Front Door 180º Opening / Metal W=600mm. H=2000mm.
LN ODK 70180	Front Door 180º Opening / Metal W=700mm. H=1800mm.
LN ODK 70200	Front Door 180º Opening / Metal W=700mm. H=2000mm.
LN ODK 80120	Front Door 180º Opening / Metal W=800mm. H=1200mm.
LN ODK 80160	Front Door 180º Opening / Metal W=800mm. H=1600mm.
LN ODK 80180	Front Door 180º Opening / Metal W=800mm. H=1800mm.
LN ODK 80200	Front Door 180º Opening / Metal W=800mm. H=2000mm.
LN ODK 100180	Front Door 180º Opening / Metal (double) W=1000mm. H=1800mm.
LN ODK 100200	Front Door 180º Opening / Metal (double)W=1000mm. H=2000mm.

* For Glass / Filtered-Glass /Plexiglas/Perforated Versions please ask.







5. EQUIPMENTS:

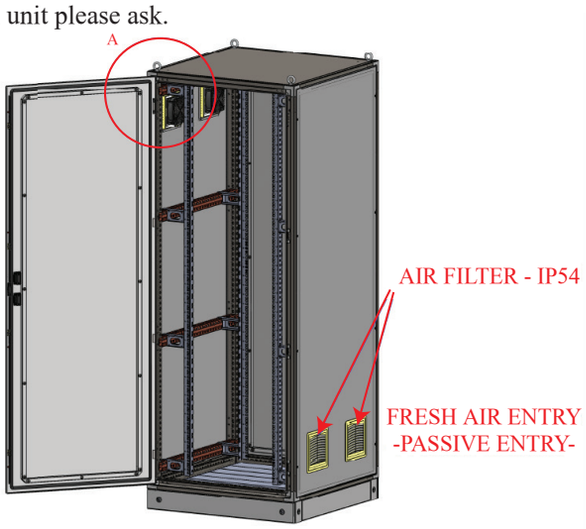
5.15. Side Panel & Rear Panel & Side Panel with Filter:

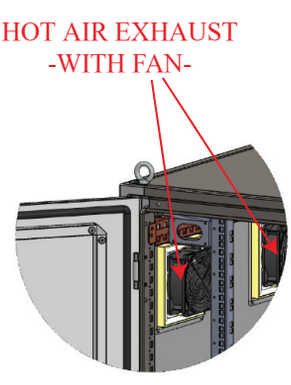
- ✓ Standart side/rear panel is produced with DC01 material, thickness is 1,5 mm.
- ✓ 4 side bended side/rear panel is assembled to enclosure with special torx head screws.
- ✓ Side/Rear panel fixation holes has pressed countersink structure to cover the height of fixation screws.
- ✓ Side/Rear panel brackets produced with 1,5 mm DC01-6112 raw material and coated with electro-galvanisation.
- ✓ 1 set includes side panels (1ea), panel fixation parts (6-8 pcs), torx head countersink screws(6-8 pcs)
- ✓ Side/Rear panels has polyurethane gasket to guarantee IP ratings.

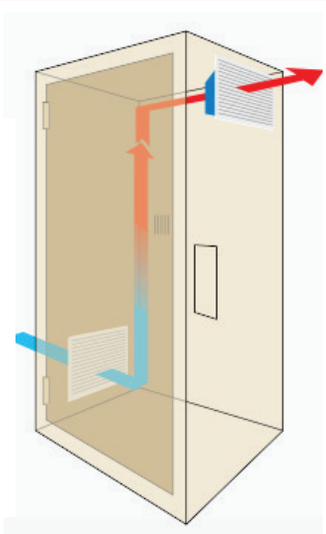


Catalog Code	Depth (mm)	Description (HxD)
LN YK 12040	400	Side Panel H=1200mm. D=400mm.
LN YKF 12040		Side Panel with Filter&Fan H=1200mm. D=400mm.
LN YK 16040		Side Panel H=1600mm. D=400mm.
LN YKF 16040		Side Panel with Filter&Fan H=1600mm. D=400mm.
LN YK 18040		Side Panel H=1800mm. D=400mm.
LN YKF 18040		Side Panel with Filter&Fan H=1800mm. D=400mm.
LN YK 20040		Side Panel H=2000mm. D=400mm.
LN YKF 20040		Side Panel with Filter&Fan H=2000mm. D=400mm.
LN YK 16050	500	Side Panel H=1600mm. D=500mm.
LN YKF 16050		Side Panel with Filter&Fan H=1600mm. D=500mm.
LN YK 18050		Side Panel H=1800mm. D=500mm.
LN YKF 18050		Side Panel with Filter&Fan H=1800mm. D=500mm.
LN YK 20050		Side Panel H=2000mm. D=500mm.
LN YKF 20050		Side Panel with Filter&Fan H=2000mm. D=500mm.
LN YK 12060	600	Side Panel H=1200mm. D=600mm.
LN YKF 12060		Side Panel with Filter&Fan H=1200mm. D=600mm.
LN YK 16060		Side Panel H=1600mm. D=600mm.
LN YKF 16060		Side Panel with Filter&Fan H=1600mm. D=600mm.
LN YK 18060		Side Panel H=1800mm. D=600mm.
LN YKF 18060		Side Panel with Filter&Fan H=1800mm. D=600mm.
LN YK 20060		Side Panel H=2000mm. D=600mm.
LN YKF 20060		Side Panel with Filter&Fan H=2000mm. D=600mm.
LN YK 20080	800	Side Panel H=2000mm. D=800mm.
LN YKF 20080		Side Panel with Filter&Fan H=2000mm. D=800mm.
LN YK 200100	1000	Side Panel H=2000mm. D=1000mm.
LN YKF 200100		Side Panel with Filter&Fan H=2000mm. D=1000mm.
LN YK 200120	1200	Side Panel H=2000mm. D=1200mm.
LN YKF 200120		Side Panel with Filter&Fan H=2000mm. D=1200mm.

- ✓ Fan units and filters can be mounted on side panels as accessories for enclosures with fan ventilated.
- ✓ Filtered Side/Rear Panel set includes Side/Rear panels (2ea), brackets and screws.
- ✓ Left panel has two filters in the bottom, and right panel has two filters+fan unit in the top.
- ✓ For additional fan unit please ask.





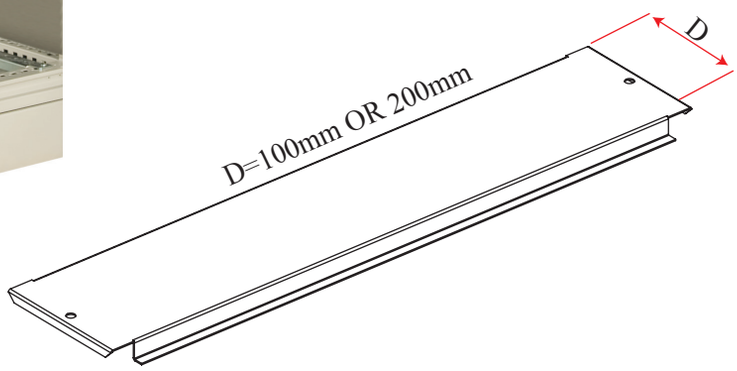


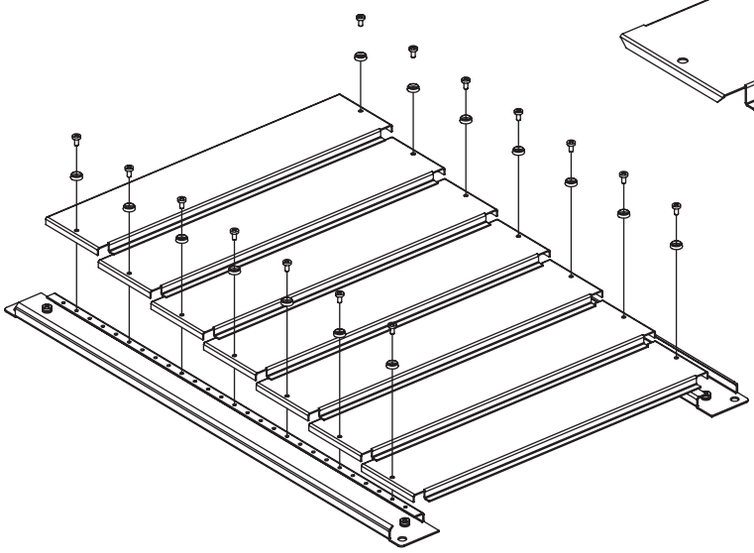
5. EQUIPMENTS:

5.16. Bottom Cover withPanels:

- ✓ Side bottom cover strips are produced with 2 mm DC01 raw material.
- ✓ Bottom cover plates are produced with DC01 material 1,2 mm thickness.
- ✓ One plate can be placed on one after another.
- ✓ Plates are combined with self tapping screw to side strips.
- ✓ "Depth=100 mm or Depth=200 mm options are available..."





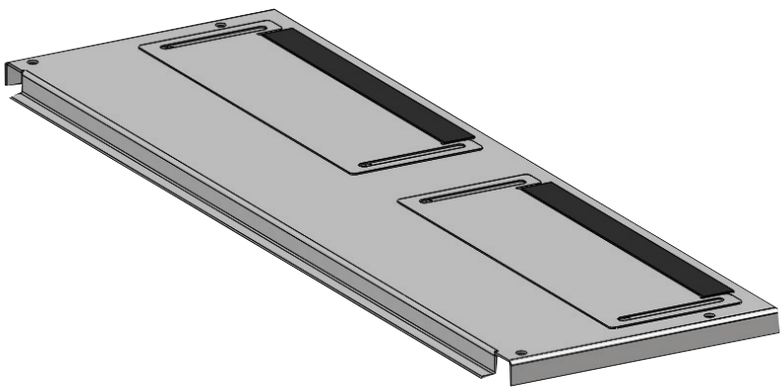


Catalog Code	Description (HxD)
LN TAK 4050	W=400 D=500 Bottom Cover with panel
LN TAK 4060	W=400 D=600 Bottom Cover with panel
LN TAK 4080	W=400 D=800 Bottom Cover with panel
LN TAK 6040	W=600 D=400 Bottom Cover with panels
LN TAK 6050	W=600 D=500 Bottom Cover with panels
LN TAK 6060	W=600 D=600 Bottom Cover with panels
LN TAK 6080	W=600 D=800 Bottom Cover with panels
LN TAK 60100	W=600 D=1000 Bottom Cover with panels
LN TAK 60120	W=600 D=1200 Bottom Cover with panels
LN TAK 7050	W=700 D=500 Bottom Cover with panels
LN TAK 7060	W=700 D=600 Bottom Cover with panels
LN TAK 7080	W=700 D=800 Bottom Cover with panels
LN TAK 8040	W=800 D=400 Bottom Cover with panels
LN TAK 8050	W=800 D=500 Bottom Cover with panels
LN TAK 8060	W=800 D=600 Bottom Cover with panels
LN TAK 8080	W=800 D=800 Bottom Cover with panels
LN TAK 80100	W=800 D=1000 Bottom Cover with panels
LN TAK 80120	W=800 D=1200 Bottom Cover with panels
LN TAK 10040	W=1000 D=400 Bottom Cover with panels
LN TAK 10050	W=1000 D=500 Bottom Cover with panels
LN TAK 10060	W=1000 D=600 Bottom Cover with panels
LN TAK 10080	W=1000 D=800 Bottom Cover with panels

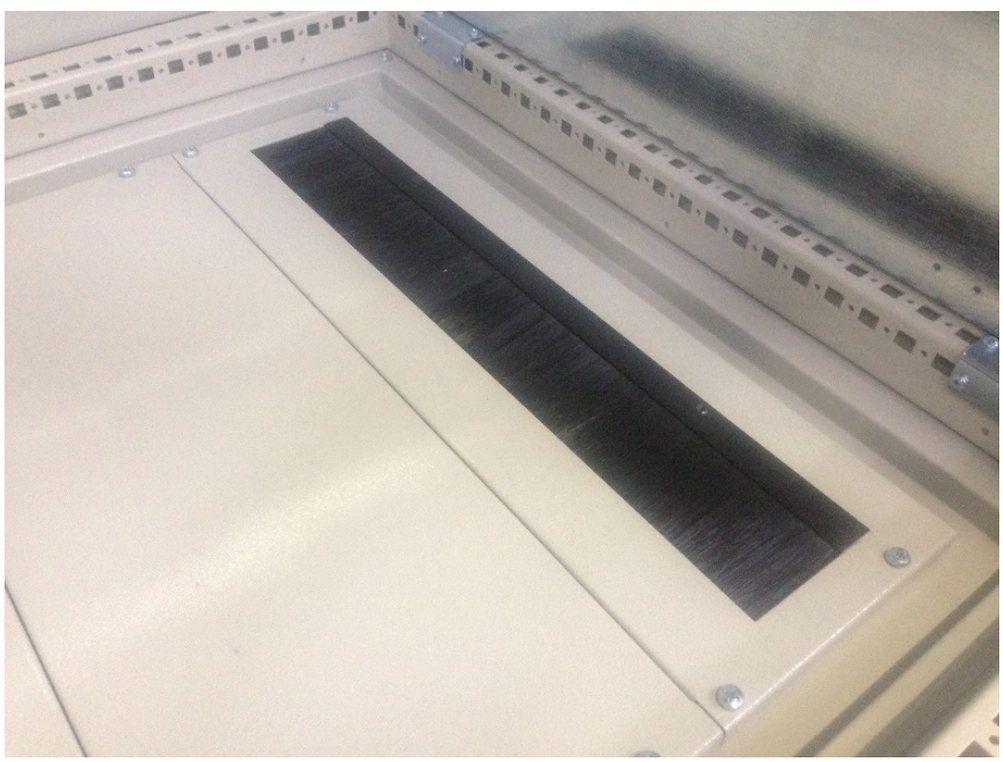
5. EQUIPMENTS:

5.17. Rubber and Brush Cable Entry Options:

✓ Cable entry cover produced with 0,8 mm DC01 material for rubber entry.
✓ Bottom cover plates are produced with DC01 material 1,2 mm thickness.
✓ One plate can be placed on one after another.
✓ Plates are combined with self tapping screw to side strips.



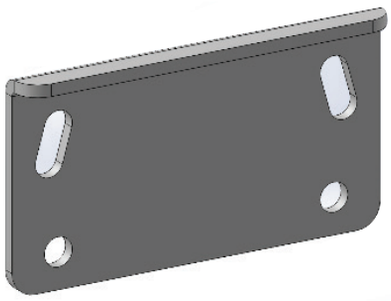
Catalog Code	Description
LN KKG 40	Rubber Plate Cable Entry w=400mm.
LN KKG 60	Rubber Plate Cable Entry w=600mm.
LN KKG 70	Rubber Plate Cable Entry w=700mm.
LN KKG 80	Rubber Plate Cable Entry w=800mm.
LN KKG 100	Rubber Plate Cable Entry w=1000mm.



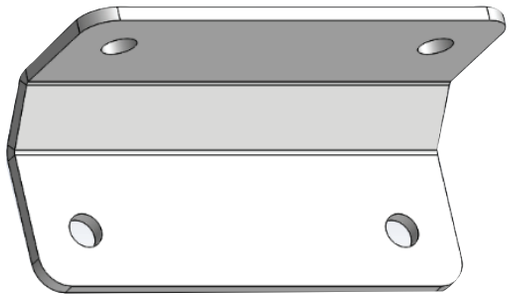
Catalog Code	Description
LN FKG 40	Brush cable entry panel w=400mm.
LN FKG 60	Brush cable entry panel w=600mm.
LN FKG 70	Brush cable entry panel w=700mm.
LN FKG 80	Brush cable entry panel w=800mm.
LN FKG 100	Brush cable entry panel w=1000mm.

5. EQUIPMENTS:
5.18. Joining Kits:

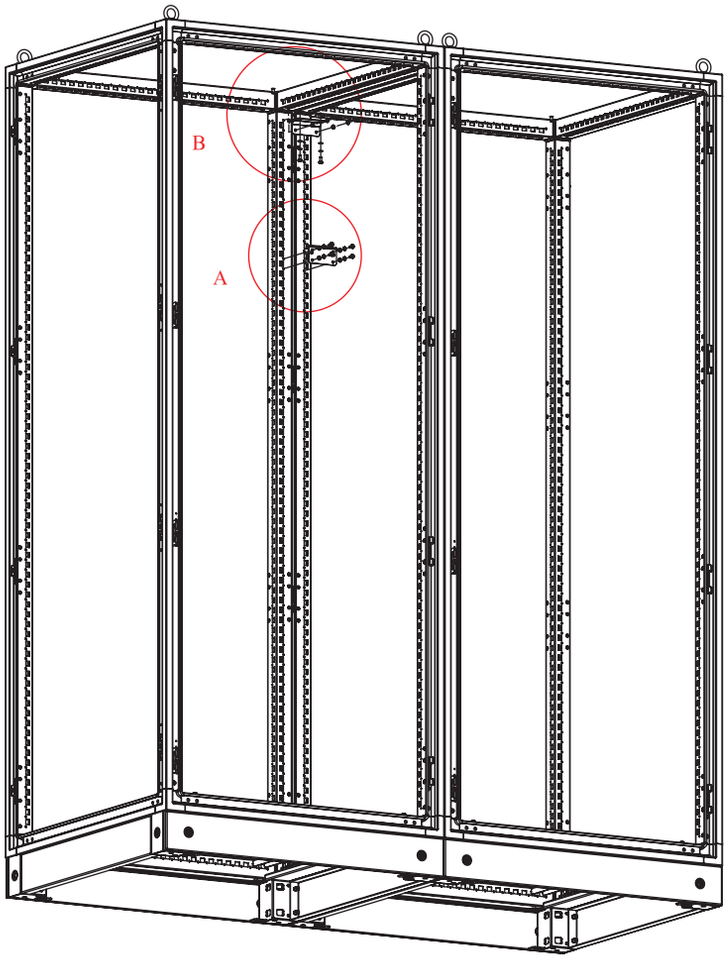
- ✓ Side joint parts produced with 2,5 mm DC01 raw material and coated electro-galvanisation.
- ✓ Side joining kit set includes : joining parts (4ea.) , A5 washer and spring washer (16ea), M5 self tapping screw (16ea).
- ✓ Corner joint parts produced with 2,5 mm DC01 raw material and coated electro-galvanisation.
- ✓ Corner joining kit set includes : joining parts (4ea.) , A5 washer and spring washer (16ea), M5 self tapping screw (16ea).

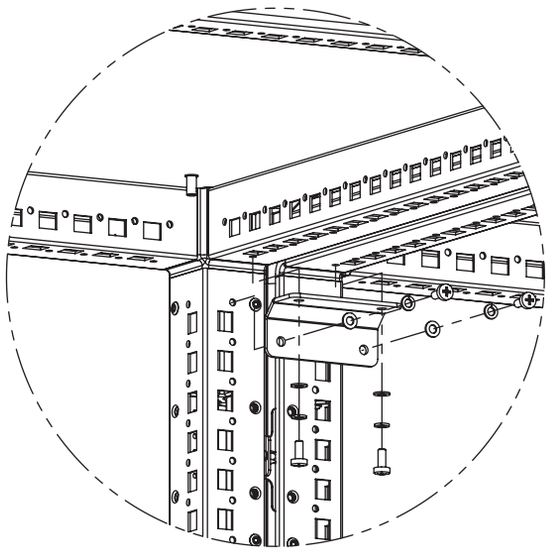


SIDE JOINING PART
DETAIL-A

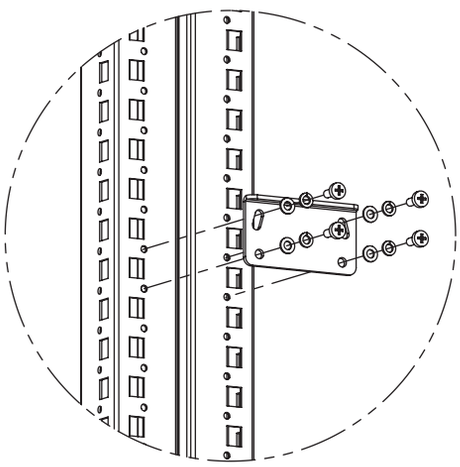


CORNER JOINING PART
DETAIL-B





DETAIL B



DETAIL A

5. EQUIPMENTS:

5.19. Mounting Plate Extension:

✓ Extension Plate used to close the gap between two mounting plates when enclosures joint to eachother.
✓ Plate produced with 2 mm Pregalvanised DX51 D+Z140 raw material.
✓ Plate can be fixed to existing mounting plate bracket easily.

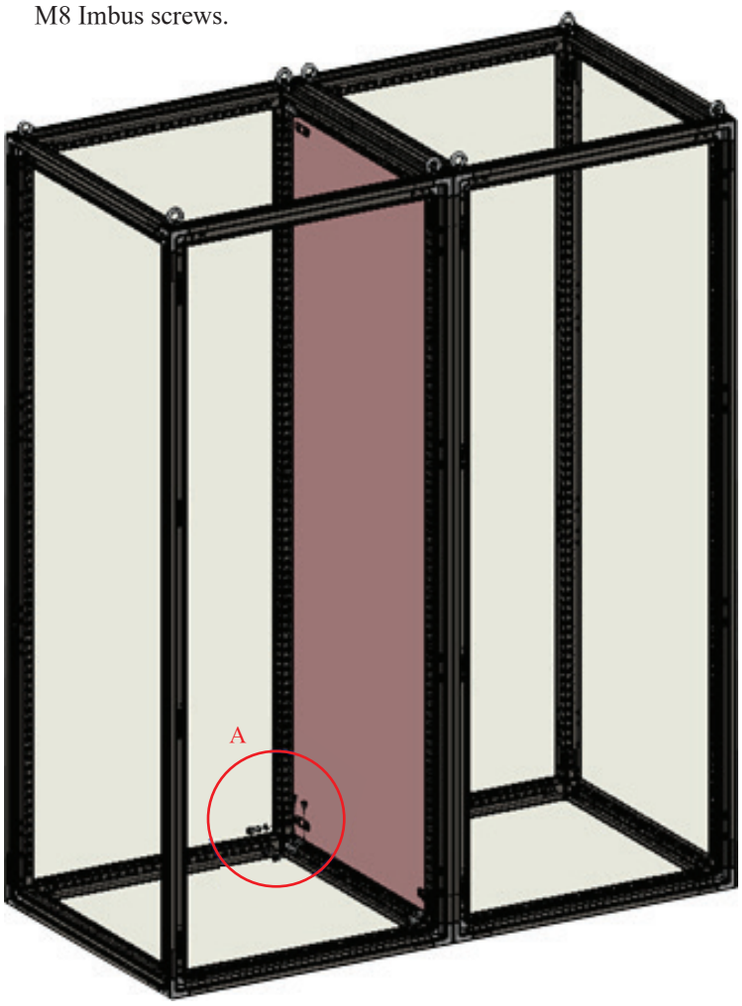


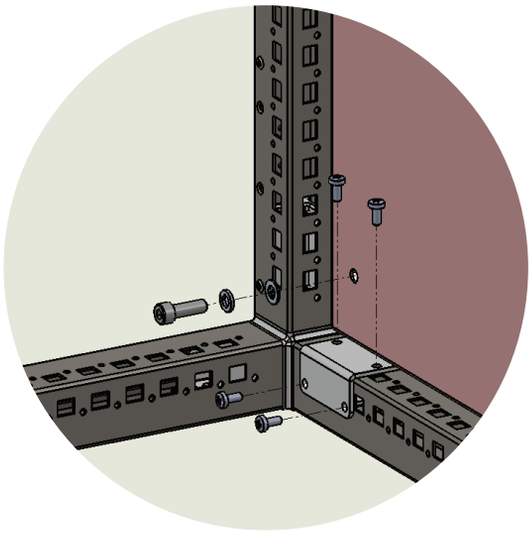
Catalog Code	Description
LN MP ARA 120	Extension Mounting Plate / middle W=110mm. H=1200mm.
LN MP ARA 160	Extension Mounting Plate / middle W=110mm. H=1600mm.
LN MP ARA 180	Extension Mounting Plate / middle W=110mm. H=1800mm.
LN MP ARA 200	Extension Mounting Plate / middle W=110mm. H=2000mm.

5. EQUIPMENTS:

5.20. Side Dividing Panel:

- ✓ Side Dividing Panel is used to isolate enclosure compartments to each other when enclosures are joint to each other.
- ✓ Panel is produced with 2 mm Pregalvanised DX51 D+Z140 raw material.
- ✓ Panel is fixed to enclosure frame with robust mounting brackets which produced with 3 mm DC01 material.
- ✓ Mounting brackets are coated with electro-galvanisation for corrosion resistance.
- ✓ Mounting brackets fixed to enclosure with self tapping M5 screws and Dividing panel fixed to these brackets with M8 Imbus screws.





DETAIL A



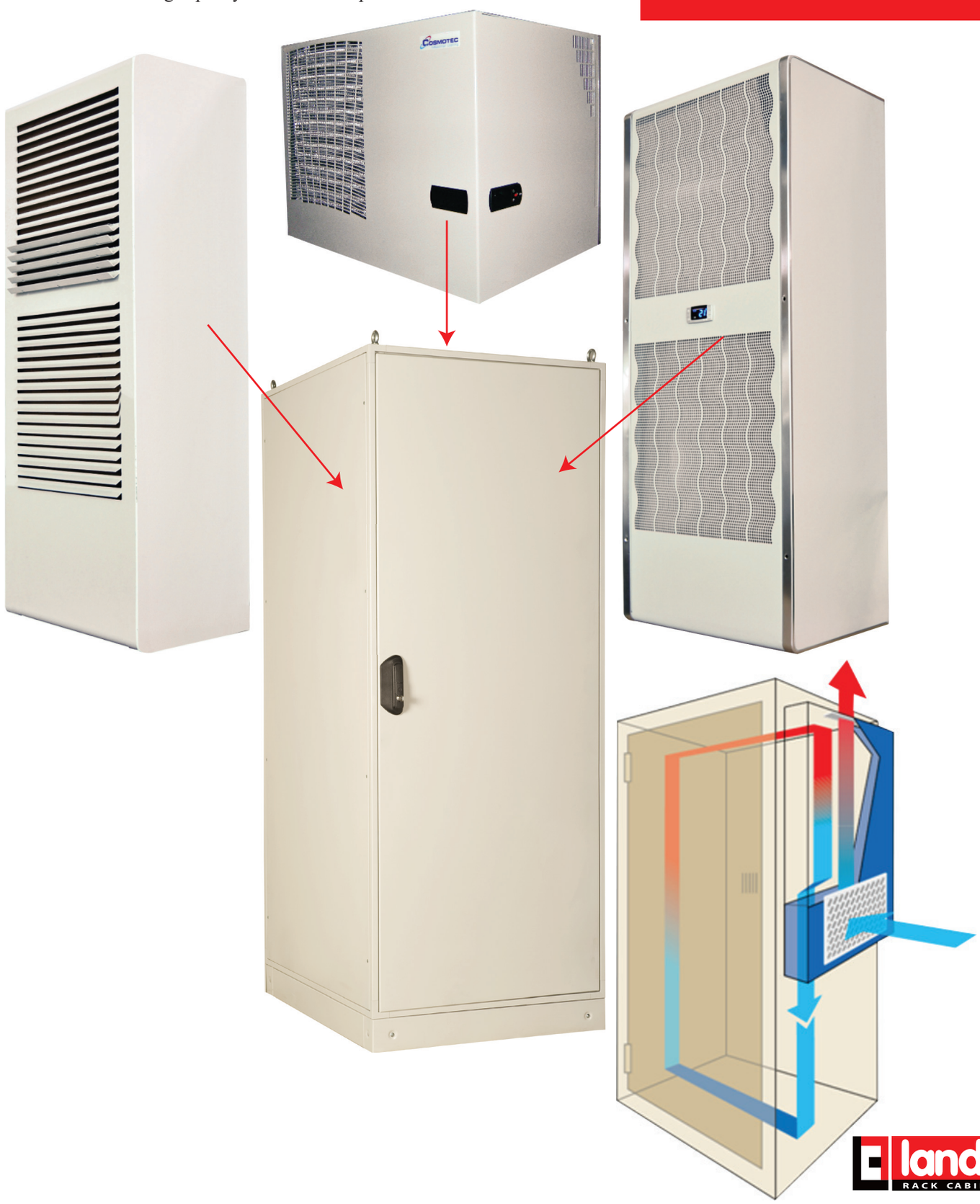
Catalog Code	Description	Panel Dimensions (HxD)	
		Height(mm)	Depth(mm)
LN YK PB 12040	Side Dividing Panel H=1200mm. D=400mm.	1092	292
LN YK PB 16040	Side Dividing Panel H=1600mm. D=400mm.	1492	292
LN YK PB 18060	Side Dividing Panel H=1800mm. D=400mm.	1692	292
LN YK PB 20040	Side Dividing Panel H=2000mm. D=400mm.	1892	292
LN YK PB 16050	Side Dividing Panel H=1600mm. D=500mm.	1492	392
LN YK PB 18050	Side Dividing Panel H=1800mm. D=500mm.	1692	392
LN YK PB 20050	Side Dividing Panel H=2000mm. D=500mm.	1892	392
LN YK PB 12060	Side Dividing Panel H=1200mm. D=600mm.	1092	492
LN YK PB 16060	Side Dividing Panel H=1600mm. D=600mm.	1492	492
LN YK PB 18060	Side Dividing Panel H=1800mm. D=600mm.	1692	492
LN YK PB 20060	Side Dividing Panel H=2000mm. D=600mm.	1892	492
LN YK PB 20080	Side Dividing Panel H=2000mm. D=800mm.	1892	692
LN YK PB 200100	Side Dividing Panel H=2000mm. D=1000mm.	1892	892
LN YK PB 200120	Side Dividing Panel H=2000mm. D=1200mm.	1892	1092

5. EQUIPMENTS:

5.21. Air-Condition Cooling Solutions:

- ✓ STULZ branded A/C units are used on our industrial enclosures.
- ✓ Ideal solution for local control of temperature and humidity.
- ✓ Indoor or Outdoor applications possible.
- ✓ A/C Units can be placed to top roof / side walls / front or rear door.
- ✓ Please ask for cooling capacity variations and prices.

STULZ



lande RACK CABINET

Free Standing Electrical / Automation / Industrial Enclosures :

Free Standing Industrial / Automation / Electrical Enclosures suitable for Electrical Distribution & Automation & Control purposes for indoor & outdoor and 19'' applications

INDOOR A / C UNITS

PRODUCT CODE	Power Supply	Dimensions (mm)			Cooling Capacity	Low Noise Option
	V - ph -Hz	Height	Width	Depth	W	
CVE0300220	230-1-50/60	442,5	324	206,0	360-380	--
CVE05002208000	230-1-50/60	642,0	313	223,0	550-580	OCALN05
CVE08002208000	230-1-50/60	642,0	313	223,0	850-900	OCALN08
CVE11002208000	230-1-50/60	912,5	410	248,0	1100-1150	OCALN08
CVE15002208000	230-1-50/60	912,5	410	248,0	1500-1600	OCALN08
CVE20002208000	230-1-50/60	1005,5	409	263,0	2100-2200	OCALN20
CVE30002208000	230-1-50/60	1217,5	511	347,5	3000-3150	OCALN20
CVE40002208000	230-1-50/60	1217,5	511	347,5	4000-4100	OCALN40

*** For Low Noise Options please ask.

TOP A / C UNITS

PRODUCT CODE	Power Supply	Dimensions (mm)			Cooling Capacity	Special Colour Option	Stainless steel housing INOX AISI304
	V - ph -Hz	Height	Width	Depth	W	OPTIONAL	
ETE0300220	230-1-50/60	180	476	324	330	OCAHNS02	OCAHI06
ETE06012207000	230-1-50/60	335	600	325	600	OCAHNS03	OCAHI06
ETE09012207000	230-1-50/60	335	600	325	900	OCAHNS03	OCAHI06
ETE14002207000	230-1-50/60	450	600	400	1400	OCAHNS03	OCAHI06
ETE20002207000	230-1-50/60	450	600	400	2000	OCAHNS03	OCAHI06
ETE28002207000	230-1-50/60	480	800	450	2700	OCAHNS01	OCAHI28
ETE41002207000	230-1-50/60	480	800	450	3800	OCAHNS01	OCAHI28

*** Please ask for different cooling capacities.

HEAT EXCHANGER INDOOR UNITS

PRODUCT CODE	Power Supply	Dimensions (mm)			Heat Transfer	Special Colour Option	Stainless steel housing INOX AISI304
	V - ph -Hz	H/A	W/L	D/P	W/°C	OPTIONAL	
XVA5000320	230-1-50/60	780	312	90	50	OCAXNS03	OCAXNS02
XVA8000320	230-1-50/60	1250	311	108	80	OCAXNS01	OCAXNS03

*** Please ask for different heat transfer values.

HEAT EXCHANGER OUTDOOR UNITS

PRODUCT CODE	Power Supply	Dimensions (mm)			Control Method	Heat Transfer
	V - ph -Hz	H/A	W/L	D/P		W/°C
XVH60003201 000	230 - 1 - 50/60	1090	365	110	Mec. Thermostat	60
XVH600P3121000	48 VDC	1090	365	110	Active Probe	60
XVHA0003201 000	230 - 1 - 50/60	1260	485	152	Mec. Thermostat	100
XVHA00P3121000	48 VDC	1260	485	152	Active Probe	100
XVHA5003201000	230 - 1 - 50/60	1260	600	152	Mec. Thermostat	160
XVHA50P3121000	48 VDC	1260	600	152	Active Probe	160

*** Please ask for different cooling capacities.