

# N E T b o x Wall Mounting C A B I N E T s



### W=600mm NETbox Series Wall Mounting Cabinets

NETbox series Networking Enclosures/ Cabinets, provide maximum optimization resulted to an optimum performance in between quality and added value.

While product gives maximum performance on cabling and networking infrastructure, in parallel provides a very respective economy compared to its quality which is based on high technologic fully automated industry.

The 600x450, 600x600 and D:150mm Rear Section Modules possible to integrate to d:450mm preferably and either to d:600mm. NETbox Wall Cabinet series is available in 5 heights from 7U through to 20U. Each cabinet is supplied as standard with a glass front door, mechanically screwed steel rear panel and lift off steel side panels, all of which are lockable.

The wide product height portfolio meets any U requirement in infrastructure needs.

NETbox series have a professional technical

but aesthetic look with decorative Aluminium Extruded Housing on the front door; the product range attracts the attention with the mostly environmentally fit and selected color of RAL 9005 Black, and RAL 7035 Light Grey, with fine wrinkle soft touch paint. Anthracite Grey Decorative ABS (Acrylonitrile Butadiene Styrene) material header Unit with art design on PVC provides an aesthetic visuality.

The product range allows with 150mm extension module integration where 4 way access is the question for wall applications.

Completely standard and stocked product portfolio, being delivered a single piece assembled product, as shipping configuration the one set: 2pieces 19" adjustable equipment mounting rails included.

NETbox Series product range with optimal panel mounting size, and a variety range of accessories enclose the whole expectation of users.



# 19" NETbox Wall Mounting Cabinets F A M I L Y

## CONSTRUCTION DETAILS:

Main Profile- Framework- Top/Bottom Cases, ABS Fan Housing:

Multi Folded Automated Bending technology applied corner profile system, provides a heavy duty structure results to high load capacity of: 80 kgs on wall.

Monoblock multi folded top and bottom cases 20 times bended resulted to a very heavy construction, tightly fixed to the framework with fixing hardware , fully modular system generated.

Top case has a ready Forced Ventilation (Fan Module) integration ABS housing. Fan Module installation can be operated either from roof or from internal side of cabinet.

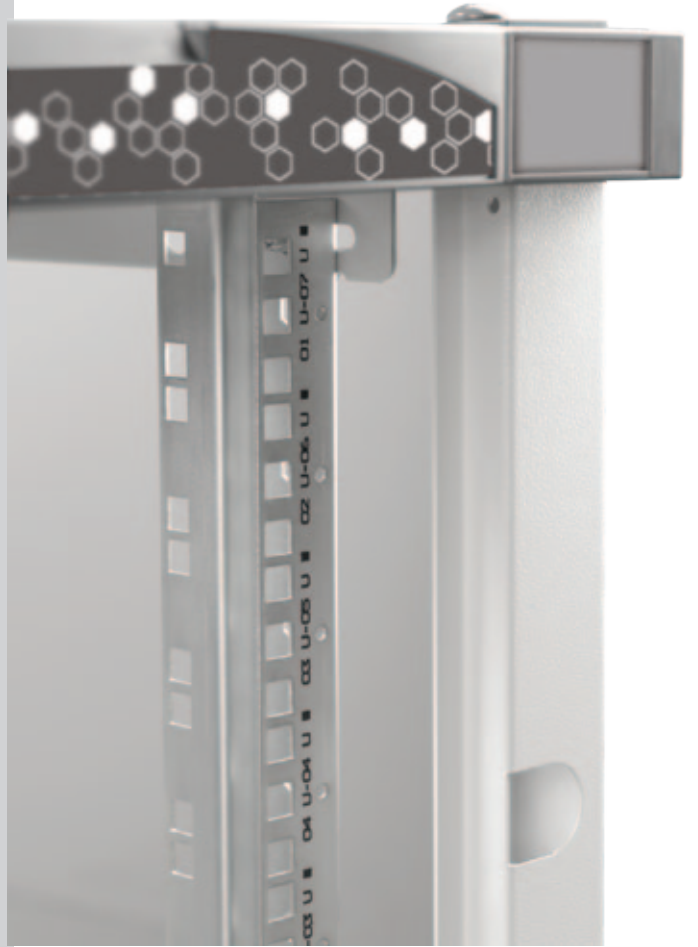
The advantage of this system is, once the Fan Unit needs maintenance or replacement and while the cabinet is carrying integrated active and passive networking devices, than subject to remove some of them to replace the Fan Module Unit. Lande Cabinet Fan Module Unit access is from roof where no interference with the already installed components inside cabinets. Decorative Anthracite Grey ABS Fan Module integration housing replacement is toolless. Where the Fan Module to be inserted to the ABS Fan Module Housing without any tool.

Top case integrated with a cable entry point with rubber edged sliding mechanism with w:145mmx d:70mm allows proper cabling insertion. The rubber edged mechanism works between 0 to 50mm slide out.

After inserting the cables, the rubber edged mechanism holds and fixes the cables in parallel preventing the cabinet from dust entry.

Top Case, has ventilation slots at sides which provides passive air ventilation via convection. Once the cabinet is not equipped with forced ventilation ( Fan Units ), this ABS Fan Housing also provides passive ventilation via convection.

Top Case and Main Frame junctions are closed with Anthracite Grey PVC application for aesthetical appearance.



# 19" NETbox Wall Mounting Cabinets F A M I L Y

## CONSTRUCTION DETAILS:

Access to enclosure:

Front door is integrated with decorative 2,5mm thickness aluminium extruded frames, full length smoked , shatterproof, antistatic, 4,0mm thickness glass with single point locking barrel lock.

Front door Aluminium extruded frame allows , decorative PVC Stripes charming the attraction, Anthracite Grey for RAL 7035 Light Grey Cabinets and Light Grey for RAL 9005 Black cabinets

Front door opening direction is set right to left, but reversible to left to right at site with removing the hinge system. Hinge System is spring loaded easy operating version, which allows you to remove the whole front door from cabinet in seconds.

Alternative doors ( Curved Glass and Solid Metal) are available for customer selection. \*\*\* Please see door options at the end of each product size.

Side Panels are lockable and removable with barrel style lock, Multifolded bending technology with 8 fold bending provides the rigidity. Easy mechanical locking of panel to main frame with snap capture sytem allows easy attachment of panels and easy removal in seconds while installation in process.

Rear Panels are mechanically screwed to main module, which is Multifolded bending technology with 5 fold bending provided the rigidity.

Rear Panel can be used for wall fixing and drilling pattern.

Bottom case and Rear Panel integrated with PVC gland plate. Once needed gland plate and rubber edged sliding mechanism could be replaced on site

19" rails of Lande NETbox Series Wall cabinet are with automated silk-screen U numbering, depends on size 1U to 20U, same from top to bottom or bottom to top results to same U height selection. No matter where you have started counting from. 19" rails are 4 fold bending surfaces, 1,5mm thickness provides the high load capacities. The 19" rails are made of steel with 8-12 micron zinc plating for corrosion resistance. 19" rails are adjustable in depth. For easy adjustment purpose, no need to detach the screws, just ease the screws and slide them in the channels on the top/bottom chassis bends.

All design features provide 3 way access to your enclosure and equipments, easy to reach to enclosure and equipments for all infrastucture installations and maintenance needs.





# 19" NETbox Wall Mounting Cabinets F A M I L Y

## ADDITIONAL FEATURES:

NETbox Wall cabinets has an ABS Decorative header unit, where has a placement for the Digital Thermometer with 1 meter cable probe, integrated with 2 lithium battery with 2 year life, measurement once for every minute as accessory to be ordered.

NETbox Wall cabinets has sticky colour changing thermometer, range 20 to 40 C; as an accessory.

NETbox Wall Cabinets has a decorative ABS header unit. For volume orders or projects, please coordinate with sales department to select any other color application than Anthracite Grey standard offer by Lande.

Your company corporate colors are applicable!

NETbox Wall Cabinets have mechanically screwed rear panel. The panel can be used as wall fixing pattern on wall. This feature provides cost efficiency at site applications where a heavy enclosure to be fixed to wall. At least 2 technicians needed in standard. Lande NETbox cabinets are applicable with one technician at site only.

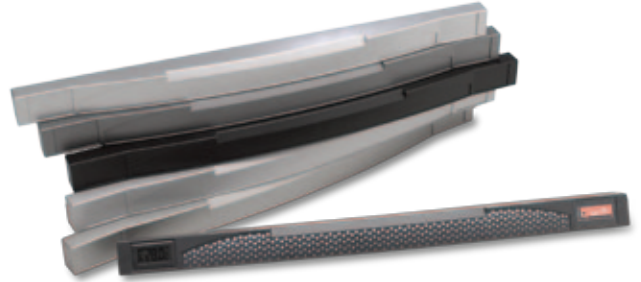
First the rear panel to be placed on wall for marking purposes, than drilling to be operated, finally the rear panel to be fixed on wall without the main cabinet unit.

Finally the cabinet to be hanged over the rear panel. For safety reasons the screwing must be completed. Without screws even cabinet safely should stay on wall.

NETbox wall cabinets offers one more advantage for site application, the internal active and passive components can be assembled to cabinet on the workshop. Afterwards wall fixation can be the process follows. Only the connection of the cables and power to be operated. This would be a big advantage for technicians while the Wall cabinet to be assembled to very high placements and locations especially in factory or warehouse conditions, where distribution infrastructure in cabinet to be completed at 4 to 8 meter high

Rear Panels are mechanically screwed to main module, which is Multifolded bending technology with 5 fold bending provided the rigidity.

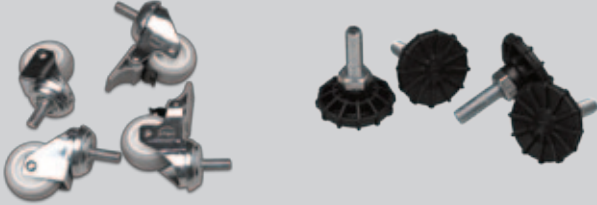
Rear Panel can be used for wall fixing and drilling pattern.



# 19" NETbox Wall Mounting Cabinets F A M I L Y

## ADDITIONAL FEATURES:

All Lande NETbox Wall Cabinets are proper to integrate with caster group or Adjustable leveling feet group. This feature provides a possibility of using wall cabinets as for free standing purposes, especially where the narrow places are the case. As well integration with caster group or PVC adjustable leveling feet group provides a possibility to use the cabinet for underdesk applications.



Please see detailed description in accesorry section.

Part numbers to order:

\*\*\* LN-ZMN-TKR-5020-XX for Caster Group Set

LN-ZMN-PNY-1040-XX for PVC Leveling Feet Group Set

Once using the Lande NETbox wall cabinets for Free standing purposes, and access from rear of the enclosure is mandatory request of integration, than please find the hinged rear door option instead of screwed panel option at the end of each product size.

Lande NETbox wall cabinets are being delivered with 1set: 2pcs 19" Rails.

Once a 4 point fixing shelf or any other 4 point fixing equipment to be installed, an additional set of 19" rails to be ordered. With this application it is possible to locate some deeper networking devices as well some heavy equipments like UPS's etc.

Part numbers to order:

\*\*\*LN-PRF-CMD-xx UD-ZN

Define xx as the U height of intended NETbox wall cabinet to be used

Example Part Nr: LN-PRF-CMD-07UD-ZN

Please see detailed description in accesorry section.

Lande NETbox wall cabinets are in RAL 7035 Light Grey color from stock.

Black RAL 9005 Color application is possible. Please co-ordinate with sales department of Lande for Black request especially for projects and concrete requests of customers.



# 19" NETbox Double Section for WALL MOUNTING CABINETS

## FEATURES of Rear Wall Section:

All Lande NETbox Wall Cabinets are proper for Rear Section Unit.

Rear Section is Heavy Duty Welded framed construction. 2,0mm thickness material welded as multi layer system creates at wall fixing provision a thickness of 4,0mm.

A PVC cable entry gland plate is available at the wall side welcomes if any cable comes up from wall, and back section to be align directly to the provision of cable run through.

19" provision located at rear section module, which allows if any passive less depth cabling component needs to be housed, while the cable bundles could be housed inside the 100mm depth empty housing box.

Triangular, positioning brackets buried into the 100mm rear housing box for alignment and raising a heavy load capability.

Spanner style special locking mechanism captures the rear 100mm box, in the welded 50mm depth frame, which integrates the rear section to the main NETbox wall cabinet.

Top and Bottom of the rear section module has cable entry cut-outs closed with Brushed cable entry provisions.

A specific flange system designed for heavy duty structure, where 50kgs of front NETbox wall cabinet total load is being carried without any problem. The 50 kgs of load capacity exists and performs while cabinet is in swinging position.

\*\*\* 50 kgs load capacity measured at integrated frontal wall cabinet of d:450mm

NETbox Rear Section Module, can be integrated to d:450mm version wall mounting cabinet, which overall cabinet dimension to be  $450+150=600$ mm, the load capacity is 50kgs

Once a deeper equipment to be fitted for the same purposes, NETbox Rear Section can be integrated to d:600mm version wall mounting cabinet, which overall cabinet dimension to be  $600+150=750$ mm, the load capacity is losing at a rate of % 30, than 35 kgs of load could be operated at swinging position.

\*\*\* At 600 + 150mm configuration, recommended to use for free standing purposes.

NETbox Rear Section Units are being sold as a separate Unit, later to be integrated to any of available NETbox wall mounting cabinet. This feature simply offers a flexibility and availability since if there is stocked wall mounting cabinet available in warehouses, customer should need to order only the Rear Section Unit. After removing the rear panel of existing Wall mounting cabinet, only 4 screws to be tighten again for integration of Rear Section Unit.

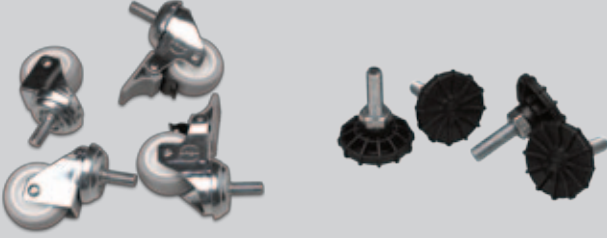
NETbox Rear section swinging direction could be managed easily, due to assembly placement availability, opening left to right or right to left is not a problem.

Lande NETbox Rear Sections are in RAL 7016 Anthracite Grey color from stock.



## ADDITIONAL FEATURES of Rear Section integrated NETbox DOUBLE SECTION WALL MOUNTING CABINETS:

The Feature of integration with Caster group or PVC adjustable leveling feet group is applicable for double section wall mounting cabinet if intended to use as free standing cabinet purposes.



Please see detailed description in accesorry section.

Part numbers to order:

\*\*\* LN-ZMN-TKR-5020-XX for Caster Group Set

LN-ZMN-PNY-1040-XX for PVC Leveling Feet Group Set

Once using the Lande NETbox double section wall cabinets for Free standing purposes, and access from rear of the enclosure could be managed by swinging capability of rear section.

Lande NETbox wall cabinets are being delivered with 1set: 2pcs 19" Rails.

Once a 4 point fixing shelf or any other 4 point fixing equipment to be installed in double section wall mounting cabinets, an additional set of 19" rails to be ordered. With this application it is possible to locate some deeper networking devices as well some heavy equipments like UPS's etc.

Part numbers to order:

\*\*\*LN-PRF-CMD-xx UD-ZN

Define xx as the U height of intended NETbox wall cabinet to be used

Example Part Nr: LN-PRF-CMD-07UD-ZN

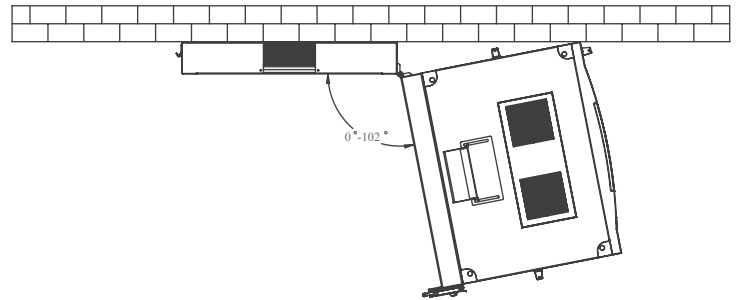
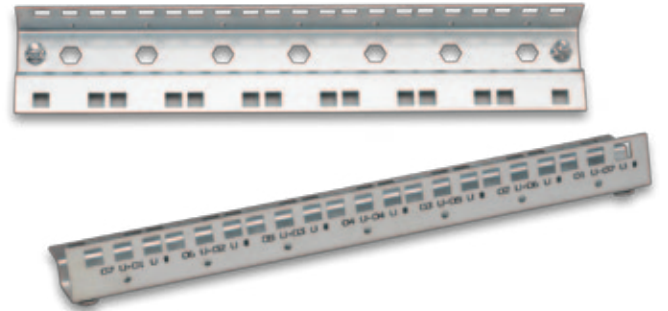
Please see detailed description in accesorry section.

NETbox Double Section cabinets has the same front door variations like d:450 or d:600mm

NETbox Rear Section Module, can be swinging up to 102 degree opening angle because of the wall to stop swinging capability, which is the best performance in its segment. If cabinet is used as free standing cabinet than 180 degree swinging is possible.

While cabinet is on wall a straight access could be managed to enclosure in fully swing out position.

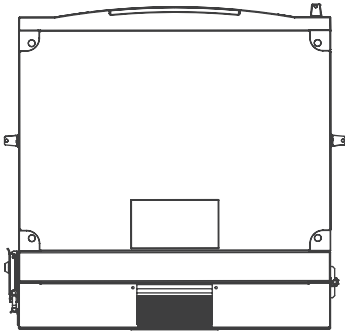
\*\* Of course if the cabinet is assembled to a column or end of wall , which the swinging capability has not been stopped by wall or any other stopper, than can swing up to 180 degree.



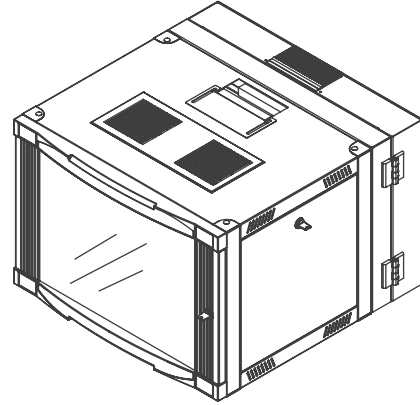
DOUBLE SECTION OPENING ANGLE



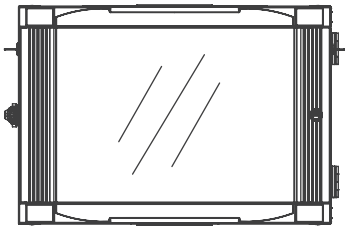
DOUBLE SECTION  
CONSTRUCTION  
DRAWING



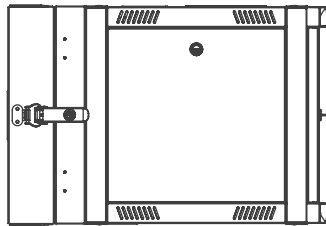
TOP VIEW



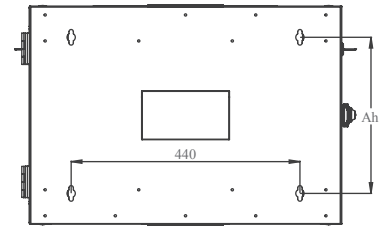
ISOMETRIC VIEW



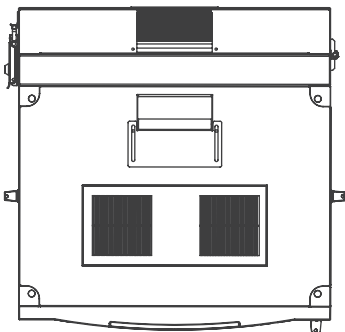
FRONT VIEW



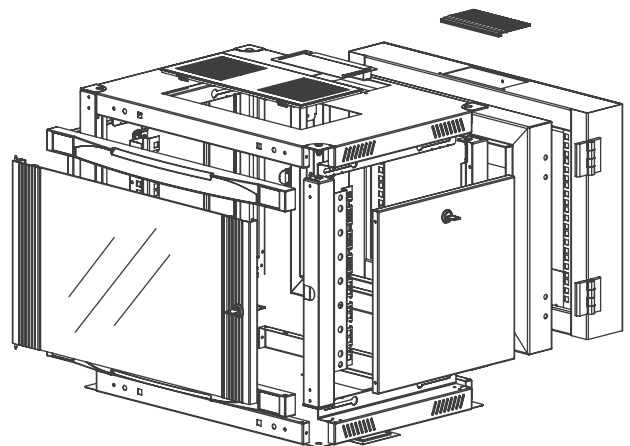
SIDE VIEW



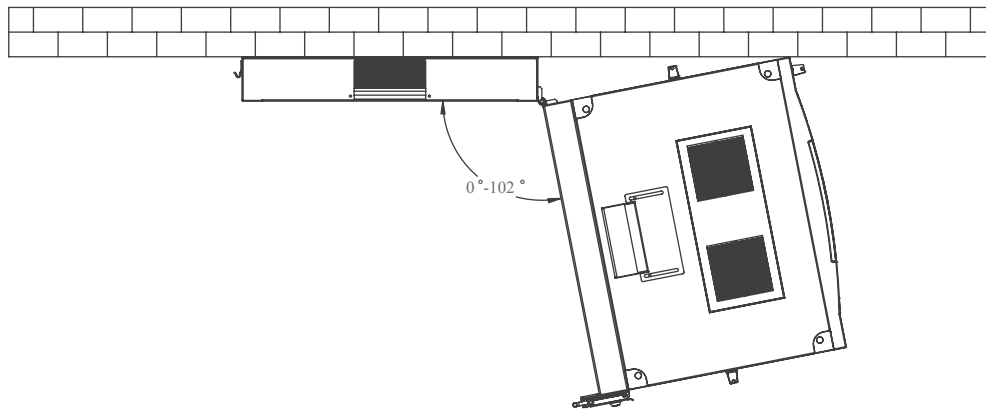
REAR VIEW



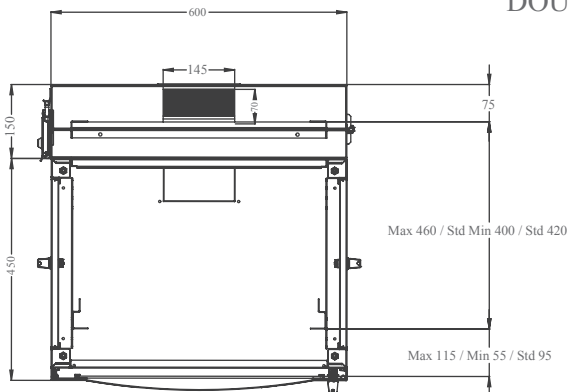
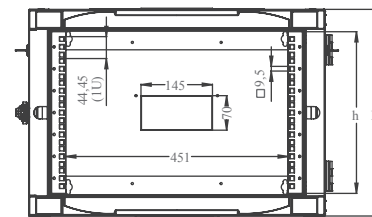
BOTTOM VIEW



EXPLODED VIEW

DOUBLE SECTION  
CONSTRUCTION  
DRAWING

DOUBLE SECTION OPENING ANGLE

MAX/STD/MIN EQUIPMENT  
MOUNTING DISTANCEDIMENSIONS IN  
WIDTH AND HEIGHT

## NETbox Series Wall Mounting 19" Cabinets REAR SECTION MODULE W=600mm D=150mm

ROOT Product Number ***	Product Description	Size WxDXH mm	h size in U	h in mm	H mm, overall	Width Overall mm	Ah Wall Mounting h mm	Width Rail to Rail	Depth Overall mm	QTY IN PACKAGE	PACKING DIMENSIONS WxDXH mm	Standard NET Weight of product kgs	Gross Weight of Product kgs
LN-WM07U6015-AG	NETbox Wall Mounting Cabinet 7U Rear Section	600x150x423	7U	311	423	600	300	19"	150	1	655x175x420	8,2	8,8
LN-WM09U6015-AG	NETbox Wall Mounting Cabinet 9U Rear Section	600x150x512	9U	400	512	600	389	19"	150	1	655x175x510	10,4	11,3
LN-WM12U6015-AG	NETbox Wall Mounting Cabinet 12U Rear Section	600x150x646	12U	533	646	600	522	19"	150	1	655x175x645	13,3	15
LN-WM16U6015-AG	NETbox Wall Mounting Cabinet 16U Rear Section	600x150X824	16U	711	824	600	700	19"	150	1	655x175x625	18	20
LN-WM20U6015-AG	NETbox Wall Mounting Cabinet 20U Rear Section	600x150X1001	20U	889	1001	600	878	19"	150	1	655x175x1010	21,3	25

\*\*\*AG= Anthracite Grey RAL 7016.