



### Elegant Line 19inch Wall Mounting Rack Cabinet H:07U-16U W:600 x D:450

- Removable and lockable side panels
- Optional fan-unit into the roof or 19inch rack mount type fan unit
- Vertical mounting rails are adjustable 4 step throughout the entire depth of the cabinet.
- Load carrying capacity 45kg
- With 1.5mm thickness silk-screen mounting rails.
- Tempered safety glass front door, t:4mm
- Monoblock foldable main body
- *Perforated front and side panels are available upon the request*

**List Code :** ELGL XXU 6045 CC 11

#### Technical Data

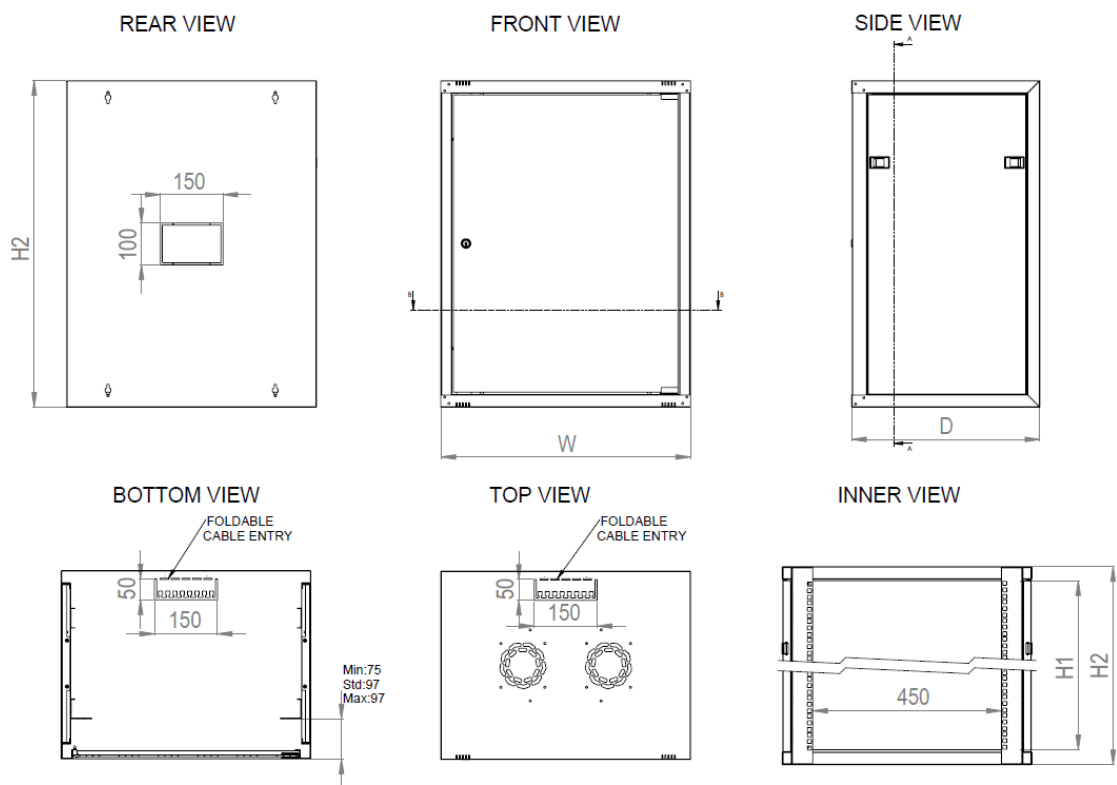
Dimensions HxWxD in mm	H:( Check 2nd page) W:600mm D:450mm
Height in U	07U–09U–12U–16U
Color	RAL 9005 Black color = <b>ELGL XXU 6045 BL 11</b> or RAL 7035 L.gray color = <b>ELGL XXU 6045 LG 11</b>
Grounding continuity	In accordance with the standard EN 61587-1: 2012 / EN 61010-1 / IEC 60917- IEC 60297
Standards	ISO9001-2015
	TS EN 61587-1 :2012, 5.2.1 and 5.2.2
	CE According the IEC/ISO 17050 – EN 62208:2011 & EN 60335-1

#### Mechanical Characteristics

Material	Sheet Steel, TS EN 10130 :2006
Inside height in mm	533,40
Outside height in mm	( Check 2nd page for different height options )
Load Carrying Capacity	45kg / 99,20lbs (Up to 200kg / 440lbs with triangle Support bar set )
IP rating	IP20

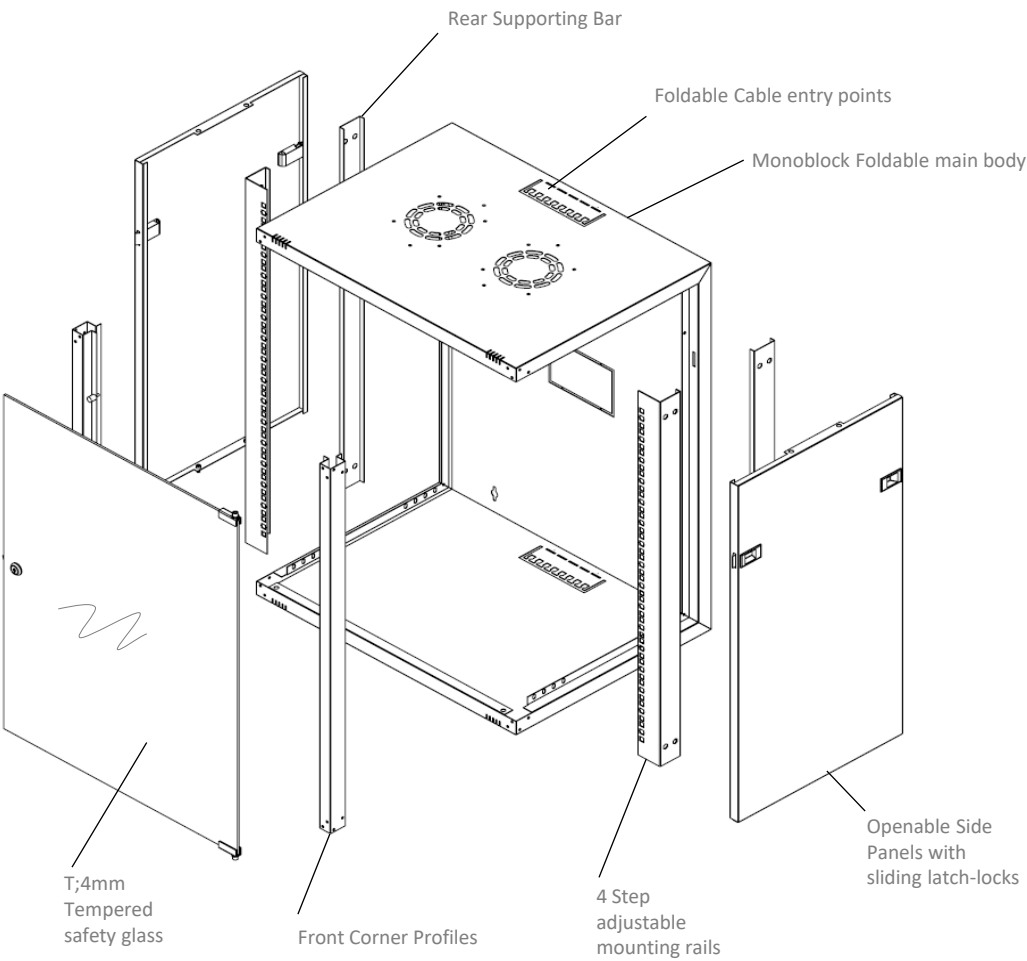
We are responding the needs of users with choice of 4 different height dimensions.

Height : 07U–09U–12U–16U  
Width : 600mm  
Depth : 450mm



Model Name	Product code	Product description	Out width ( W ) mm	Out depth ( D ) mm	H:1 inner height -mm	H:2 Out height- mm
600x450mm Elegant Line Wall mounting rack cabinet						
Elegant Line	ELGL 07U 6045 PCC 11	Elegant Line 19" 7U W=600 mm D=450 mm	600	450	314	380
Elegant Line	ELGL 09U 6045 PCC 11	Elegant Line 19" 9U W=600 mm D=450 mm	600	450	403	469
Elegant Line	ELGL 12U 6045 PCC 11	Elegant Line 19" 12U W=600 mm D=450 mm	600	450	537	602
Elegant Line	ELGL 16U 6045 PCC 11	Elegant Line 19" 16U W=600 mm D=450 mm	600	450	715	780

Explode View



## VENTILATION OPTIONS

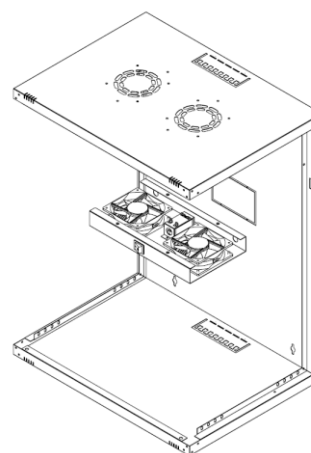
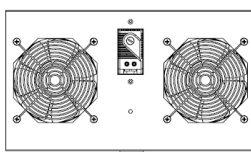
Quick-change fan trays that can be accessed without removing the cabling or the device from the rack

Ventilation module can be detached by removing 4 pcs screws from the top case for maintenance or replacement needs.

**STANDARDS** : EMC EN55032:2015 & LVD IEC 62368-1 :2018

## Power Characteristics

Voltage range	220/240
Freq Hz	50/60
Current (A)	0,14A
Power W	22
Speed RPM	2700/3000
Noise level in (dB)	40/47dB
Air flow M3/Hr & CFM	133/162 & 82/95



## Compatible Fan Units

PA CC WL FN 01  
PA CC WL FN 02

Ventilation unit with 1 Fan+with On/Off switch control  
Ventilation unit with 2 Fans+with On/Off switch control

PA CC WL FN T1  
PA CC WL FN T2

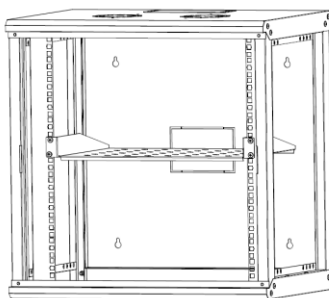
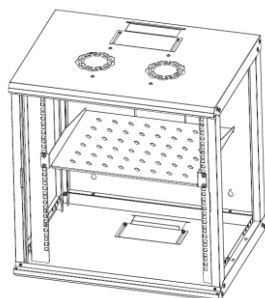
Ventilation unit with 1 Fan+Analog Thermostat  
Ventilation unit with 2 Fans+Analog Thermostat

PA CC WL FN DT1  
PA CC WL FN DT2

Ventilation unit with 1 Fan+Digital Thermostat  
Ventilation unit with 2 Fans+Digital Thermostat

*Note: compatible with all 19inch rack mount 2 way Fan units*

## SHALVES



### MODEM SHELVES LOAD CARRYING CAPACITIES

- Fixed shelf : 50kg / 110lbs

Depth 450mm Wall mounting cabinets are compatible with only front fixing type Cantilever shelves !

## Compatible Shelves

PA CC RK MR 1U 20	1U 19" D=200 mm Cantilever Shelf
PA CC RK MR 1U 25	1U 19" D=250 mm Cantilever Shelf
PA CC RK MR 1U 35	1U 19" D=350 mm Cantilever Shelf
PA CC RK MR 2U 30	2U 19" D=300 mm Cantilever Shelf

## TECHNICAL SPECIFICATIONS

### PROTECTION INDEX

- IP20 According to EN 61587-1 / IEC 60529
- IP20 :Rigid test rod diameter of 2.5 mm, 100 mm long (as specified by the standard) is pushed against any openings of the enclosure with the force of 3N

### MECHANICAL PERFORMANCE

- EN 61587-1 5.2.1 / 5.2.3
- Stiffness test (Performance level SL6)
- Dynamic mechanical load test (Performance level DL4)
- Resonance point detection test IEC 60068-2-6
- Vibration test (Sinus-IEC 60068-2-6)
- Shock test IEC 60068-2-27)
- Impact test IEC 60068-2-75 (Performance level K2)
- Permissible load carrying capacity : 45kg (Up to 200kg / 440lbs with triangle Support bar set )

### CLIMATIC TESTS (Performance level C2)

- Cold (IEC 60068-2-1) Temperature of the exposure: -25°C +/-3°C
- Dry heat (IEC 60068-2-2) Temperature of the exposure: +70°C +/-2°C
- Damp heat cyclic (IEC 60068-2-30)

### INDUSTRIAL ATMOSPHERE (Performance level A3)

- Salt mist test (IEC 60068-2-11)
- Sulphur dioxide test and hydrogen sulphide test IEC 60068-2-42, IEC 60068-2-43, IEC 60068-2-49

### GROUNDING CONTINUITY

EN 61587-1 / EN 61010-1

- The continuity of the protection circuit is in accordance with the standard regulations. The measured resistance was less than 0.1 Ohm.

### STANDARDS

1. **ISO9001-2008** Quality management system must be used in the production of 19" Rack cabinets
2. 19" Rack Cabinets must have a **TSE** Certificate **EN-61587-1** , **IEC60917 – IEC 60297** standards
3. In addition, all of the main and auxiliary materials used in the manufacturing process must comply with the following standards

**SHEET METAL:** TS EN ISO 9001:2008; TS EN 10130 :2006; DIN EN 1030- EQV; BS EN 1030-EQV; NF A36-401.

**ELECTROSTATIC POWDER PAINT:** ISO 9001:2015 ASTM D523; ASTM D2794; DIN EN ISO 2811-1; ASTM D1186/D1400; Ral:9005 or Ral:7035.

**VENTILATION UNITS ( Fan Unit )** "EMC EN55032:2015 & LVD IEC 62368-1 :2018

**TEMPERED SAFETY GLASS** " ISO 9001 , EN 12150 – 2 : Glass, Tempered, secure " Mechanical strength test result: Bending strength minimum 120 N/ mm<sup>2</sup>

**CONNECTION COMPONENTS** (screw, nut, washer etc.)" TS EN ISO 7045; TS EN ISO 4032; RoHS IEC 62321 "

**WHEEL SET** " TS EN 12532 , TS EN 12533 , RoHS IEC 62321:2008"

**LOCKS SYSTEMS** "DIN-EN ISO 1043-1 PA6 GFR 30; DIN-EN 1774-ZnAl4Cu1.

## TECHNICAL SPECIFICATIONS

1. Dimensions must comply with IEC60297 standards. Cabinet must be height (07U–09U–12U–16U)
  - Width : 600mm
  - Depth : 450mm
2. Main frame and profile structures must be manufactured and tested to provide axial (x, y, z) resistance that meets EN 61587-1 / 5.2.1 and 5.2.2, and external impact resistance that meets EN 61587-1 / 5.3.3. Dynamic load, vibration and mechanical impact (IEC 60068-2-6 , IEC 60068-2-27) test results must be certified by TSE.
3. Main profile structure must be a structure that would increase mechanical resistance with aesthetic appearance, folded with an angle of 90 degree and must consist of 4 bending. 2 front and 2 rear supporting bars .
4. Monoblock Foldable Bottom & UP case must have cable access that would provides cable fixing ability, Up case must be compatible with 1 or 2 way ventilation unit installation
5. Side panels must have a structure that can be openable sliding latch locks , The removable side panels must allow comfortable and easy access to the installed devices for maintenance from all sides of the cabinet.
6. Front door : Glass structure must be tempered,anti-static,secure glass with 4mm thickness according to EN 12150-1:2008 standard., structure that open 135 degrees , removable by two hinges , lockable with barrel lock
7. The rear panel of the wall-mounting rack must be monolithic structure with bottom and up case, must have 4 fixing point and M-Joint type cable entry with dimensions 100x50mm
8. To provide high resistance to impacts, cabinets must be coated by RAL 9005 or RAL 7035 Electrostatic powder coat to meet ISO 8130 and ASTM D 523 / 2794 standards and test result reports must be certificated. On flat metal surfaces, there must be 85±5 micron paint thickness and must be tested according to ASTM D2794; DIN EN ISO 2811-1; ASTM D1186/D1400 Ral:9005 or Ral:7035.
9. 2 pcs vertical mounting rails must be adjustable 4 step throughout the entire depth of the cabinet , vertical mounting rails must be 1.5mm thickness Silk-screen mounting rails are providing ability to count U- Marking from top to down & down to up for easy device installation .
10. Cabinet locks: all locks used in cabinets must have the same coded-key and all covers of cabinets must have a lockable structure
- 11.Fan units must be with the standards ISO 9001 :2015 , CE ( 89/336/EEC EMC EN55032:2015 LVD IEC 62368-1 :2018 ) , RoHS , Noise 40/47dB , Air Flow M3/Hr 133/162 CFM 82/95.
12. All metal components in cabinets must be connected to one another electrically and grounding resistance must be maximum 0,1 ohm according to IEC 61010-1 / 6.5.1.3 standard. All proposed products must be tested to meet this standard and their results must be certificated by TSE.