

LAFER@CK

Electrical cabinets for
server and LAN



LAFER
Simple ideas for great projects | GROUP

Electrical cabinets for server and LAN

They are designed for all information systems and data network. They ensure quick wiring solutions and offer a wide range of accessories. Both cabinets and small cabinets are designed for the information infrastructure. Small cabinets are suitable for the installation of light equipments as switches while cabinets are suitable for the installation of strong equipments as company servers.

Main characteristics

- Degree of protection IP30 with transparent door with toughened glass.
- Epoxy powder coating after phosphating inRAL 7035 B (other colours on request).
- Full range of internal finishing accessories to provide solutions for any requirement.
- On request, stainless steel cabinet.

Small cabinets characteristics

- Monoblock structure made of welded sheet with a thickness of 1,2 mm.
- Plates on the top or bottom for the passage of cables.
- Possibility of vertical connection.

Cabinets characteristics

- Assembled structure made of sheet with a thickness of 1,5 mm.
- Possibility of side connection



Typology



Small cabinet: monoblock structure made of welded sheet with a thickness of 1,2 mm.



Open small cabinet: monoblock structure made of welded sheet with a thickness of 1,2 mm with removable side panels.



Fixed rack cabinet: assembled structure made of sheet with a thickness of 1,5 mm with side supports for equipment



Swivel rack cabinet: assembled structure made of sheet with a thickness of 1,5 mm with a solid frame that can be opened up to 135° for the support of equipment.



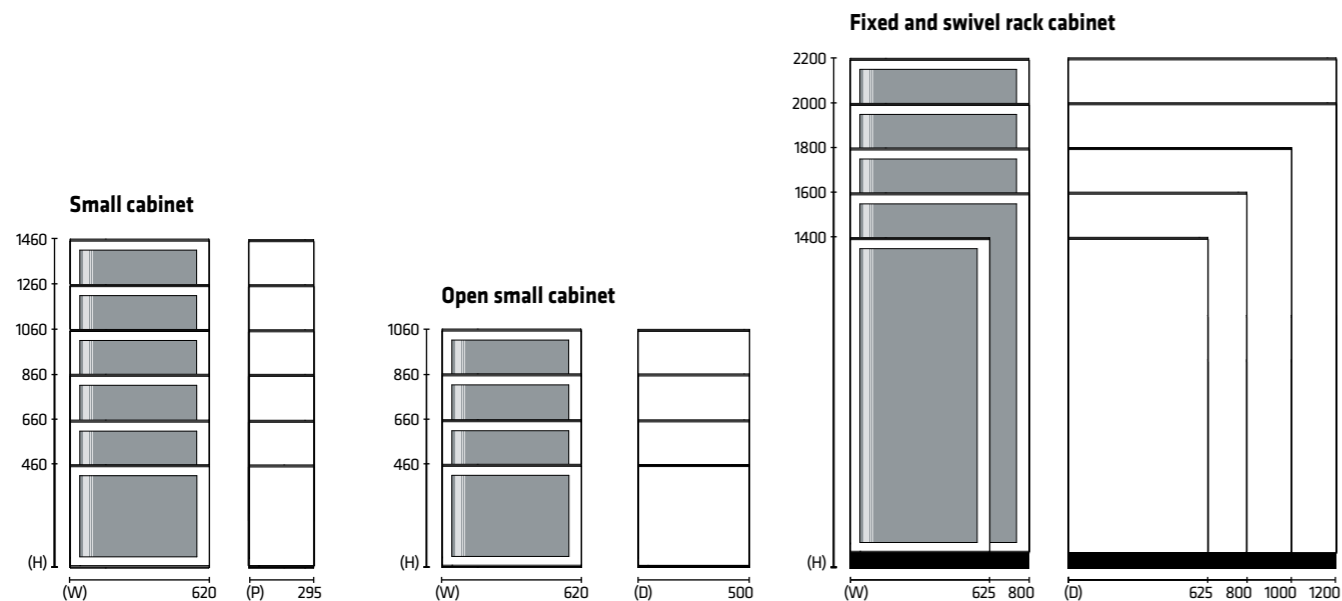
Inox: on request, small cabinet and cabinet made of stainless steel.



Technical specifications

	Width (W) mm	Height (H) mm		Depth (D) mm	
Small cabinet	620	460 (9 units) 1060 (22 units)	660 (13 units) 1260 (27 units)	860 (18 units) 1460 (31 units)	295
Open small cabinet	620	460 (9 units) 1060 (22 units)	660 (13 units)	860 (18 units)	500
Fixed rack cabinet	625 800	1400 (26 units) 2000 (40 units)	1600 (31 units) 2200 (44 units)	1800 (35 units)	625 / 800 / 1000 / 1200
Rotating rack cabinet	625 800	2000 (37 units)	2200 (42 units)		625 / 800 / 1000 / 1200
Electrical data		Rated insulation voltage (Ui)		690 V	
	Voltage ratings	Rated operational voltage (Ue)		400 V	
		Rated frequency (fn)		50 / 60 Hz	
Mechanical characteristics	IP degree of protection	Internal	Up to IP2X		
		External enclosure	From IP30 to IP55		
	IK test (shock resistance)	IK09 porta a vetro			
		IK10 porta cieca			
	Access	From the front / Side / Rear			
	Material	Structure	Pickled plate, 15/10 mm thick		
		Accessories	Aluzinc® sheet steel, 15/10 mm thick		
	Powder coating	Standard	RAL 7035 B light grey (orange peel)		
		Internal accessories	RAL 9005 G embossed black		
		On request	Powder RAL colours and stainless steel		
	Plastic components	Halogen-free, flame retardants, self-extinguishing, CFC-free			

All Lafer cabinets have been designed to be used in indoor environments. In case of outdoor applications, customers should require the supply of the specific rain cover. Lafer shall not be held liable for any damage resulting from the non-observance of these guidelines.

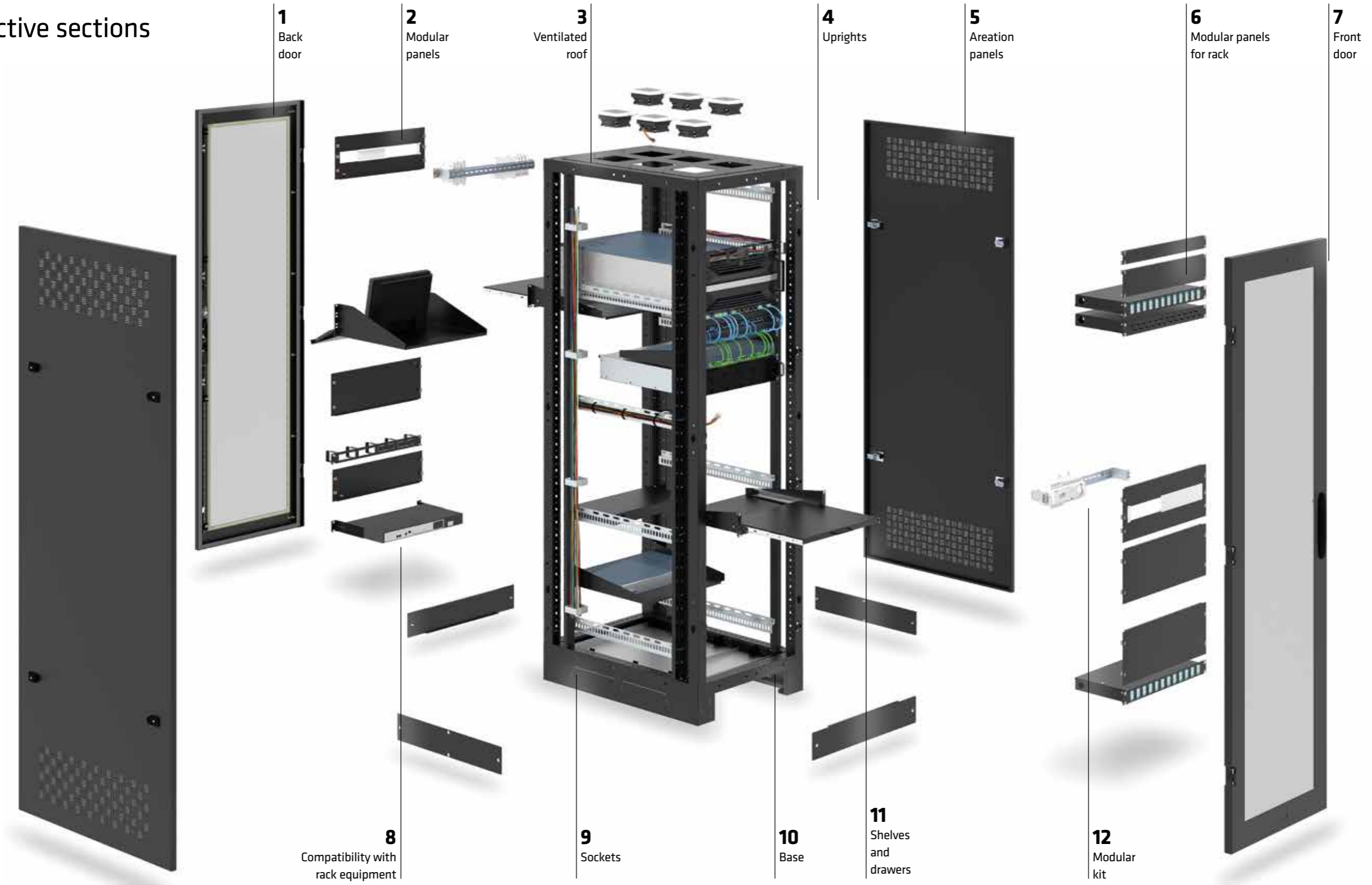


Certifications



Characteristics to be verified	Clause/Subclause		Design verification method	Test report n°
Degree protection of the assembly of enclosures	10.3	IP30	By test	EPT16AVM033754359 EUROFINS
Mechanical impacts (IK)	10.2.6	IK9	By test	EPT16AVM034154359 EUROFINS
		IK10	By test	EPT16AVM033854359 EUROFINS
Seismic test		0.7 g	By test	B3020329 CESI
		1 g	By test	B3020327 CESI

Constructive sections



Lafer@ck series

Design and buy your Lafer panel online thanks to our free planning configurator Fast-One. Discover our technical catalogue.



Download the brochure of the Lafer@ck series



Download the datasheet of the Lafer@ck series



Download the technical catalog of the Lafer@ck series

Outer details



Glass door: made of sheet 1,5 mm thick with grey toughened glass.



Blind door: it is possible to replace the glass door with the blind door.



Perforated door: made of sheet 1,5 mm with honeycomb mesh.



Door with ventilation slits: it is possible to replace the side panel with the door with ventilation slits.



IP30 frame: it is possible to replace the glass door with IP30 frame (open version).



Ventilated roof: arranged for the installation of grilles, filters and fans with forced ventilation.

Inner details



Cable management: Traditional cable organizer.



Cable management: Easy@ck cable organizer.



Cable fastening: Cable management ring.



Cable fastening: Side and back cable retainers.



Additional accessories: cage nuts and screws.

Panels



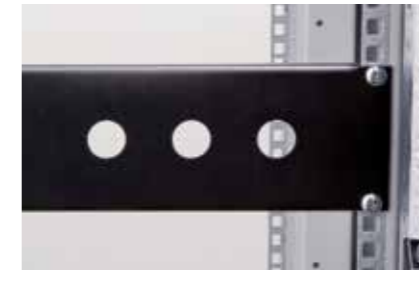
Rack panels: Panel for RJ plugs.



Rack panels: Blind panel.



Rack panels: Modular panel.

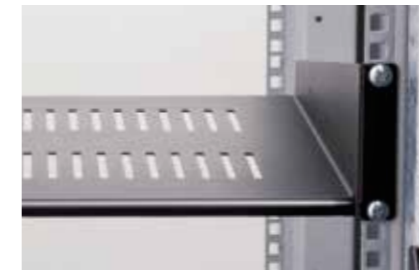


Rack panels: Customized holes.

Shelves and drawers



Blind shelf



Shelf with ventilation slits



Removable shelf



Optical fibre cassettes





Made in Italy



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