

barpa

SERIE NORMA



PRODUCT DESCRIPTION

Norma is a floor standing cabinet and was designed for Networking Rooms. It's available in a range of heights and depths and it accommodate a load of up to 800 kg. There are different configurations available: Norma 0, Norma 1, Norma 2, Norma 3 and Norma 4. The best way to get the most of this cabinet is with barpa accessories, you should get them separately. Order this product either assembled or in flat packs.

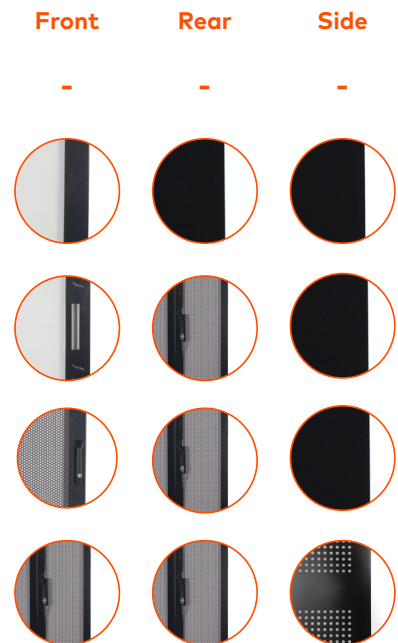
Norma 0: Rack structure. Without doors and side panels.

Norma 1: Glass Front Door, Solid Rear Door and Solid Side Panel;

Norma 2: Glass Front Door with Striped Holes, Double Steel Rear Door Perforated and Solid Side Panel;

Norma 3: Steel Front Door Perforated, Double Steel Rear Door Perforated and Solid Side Panel;

Norma 4: Double Steel Door Perforated in Front and Rear, Perforated Side Panel.



SPECIFICATIONS

Standard	ANSI/EIA RS-310-E; IEC60297-2; DIN41494 Part 1 and 7
Material	SPCC Cold Rolled Steel; 19" rails: 2,0mm; Casters tray: 2,0mm; Others 1,2mm
Loading Capacity (kg)	800
Color	Black (RAL9004)
Earth connection	Yes
Index Protection	IP20
Glass Norma 1 and 2	Tempered, 5mm
Thickness of the surface finish (µm)	40-60
IK	10
ETIM Class	EC002506

FEATURES

Elegant design and great versatility

Cable entry on the top cover and bottom panel with adjustable sizes

Removable side panels to easy maintenance

INCLUDED

Cable management for racks with width of 800mm

Adjustable feet

Castor

Locks for doors *

4 x Vertical rails

* Not included in Norma 0.

RECOMMENDATIONS

Do not overload

Do not change the construction or design of the cabinet

Load the weight equally

Load the cabinet on flat floor

Do not damage the cabinet mechanically

Do not install in outdoor

Do not install next to places with danger of explosion

Do not install in humid or wet places



barpa has a robust and welded construction. High quality processing and the newest technologies ensure a perfect look of the cabinet.



FLEXIBLE DOOR OPENING

The hinge system allows the door to open more than 180°. The door can be easily removed and re-mounted to change the direction of opening.



INCLUDED*

HANDLES

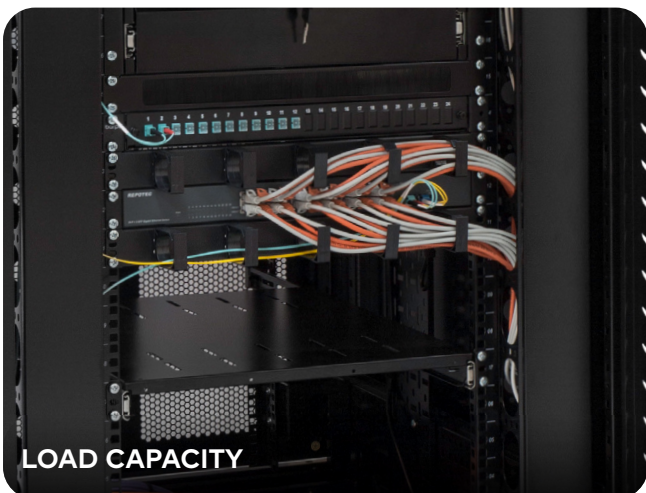
We manufacture the handles to be easy and safe to use. By changing the plastic module, a traditional or semicylindrical lock insert can be used.



INCLUDED

ADJUSTABLE VERTICAL RAILS

Vertical 19" rails can be adjusted freely in depth of the cabinet. This simplifies the mounting of the device and configuration of connecting cables.



LOAD CAPACITY

800kg load capacity, allow you to use the cabinet with no worries of weight.



REMOVABLE

barpa has a welded frame and removable side panels. These are fixed as standard to the frame, you may use a lock for better security.

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More information: info@barpa.eu or in www.barpa.eu

datasheet n° b34_3 | date: 02/24

approved by: Ana Barbosa



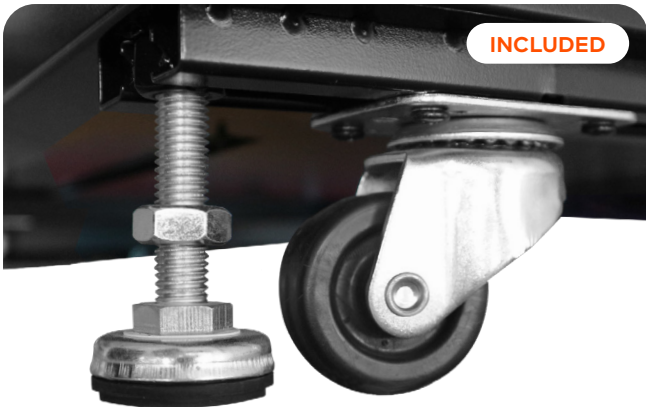
BREAK-OUT BLANKING PANELS

Entry openings for cables in the top part of the cabinet are covered with breakout-type blank panels. It is possible to use a blank panel with a brush in cable opening to avoid dust to enter. The fringe edge serves to protect cables from damage.



OPENING FOR A FAN UNIT

A large opening covered with a breakout-type blanking panel enables mounting and removal of the Fan Unit from outside of the cabinet.



CASTORS, ADJUSTABLE FEET

Prepared for mounting castors and leveling feet. This accessory makes sure that the cabinet adapt to almost all floors and it comes with cabinet.



CABLE MANAGEMENT

All our standard 800mm Width racks come equipped with vertical management so that all cables are well accommodated.

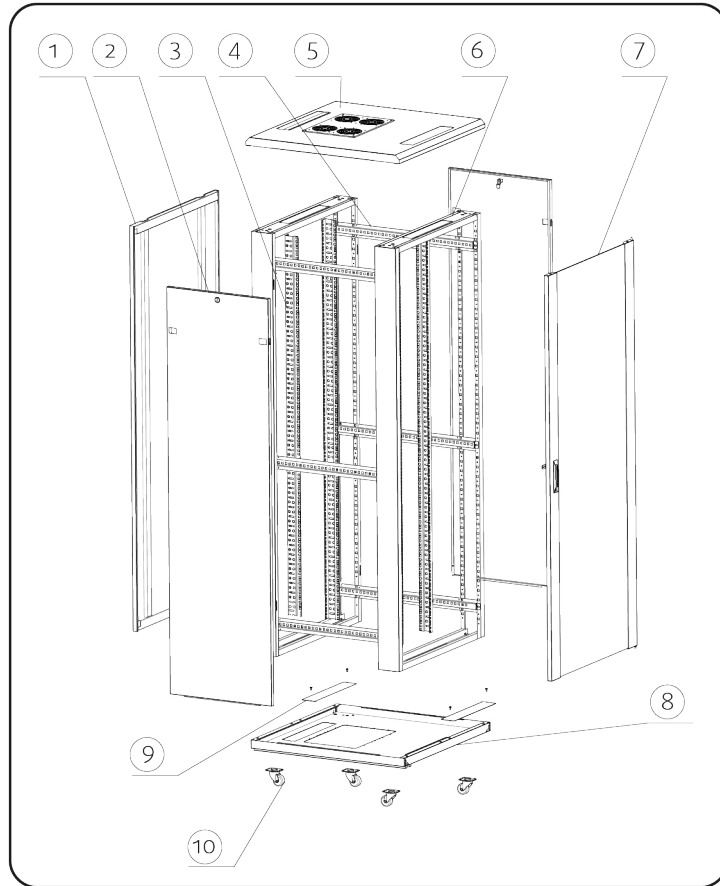
* Not included in Norma 0.

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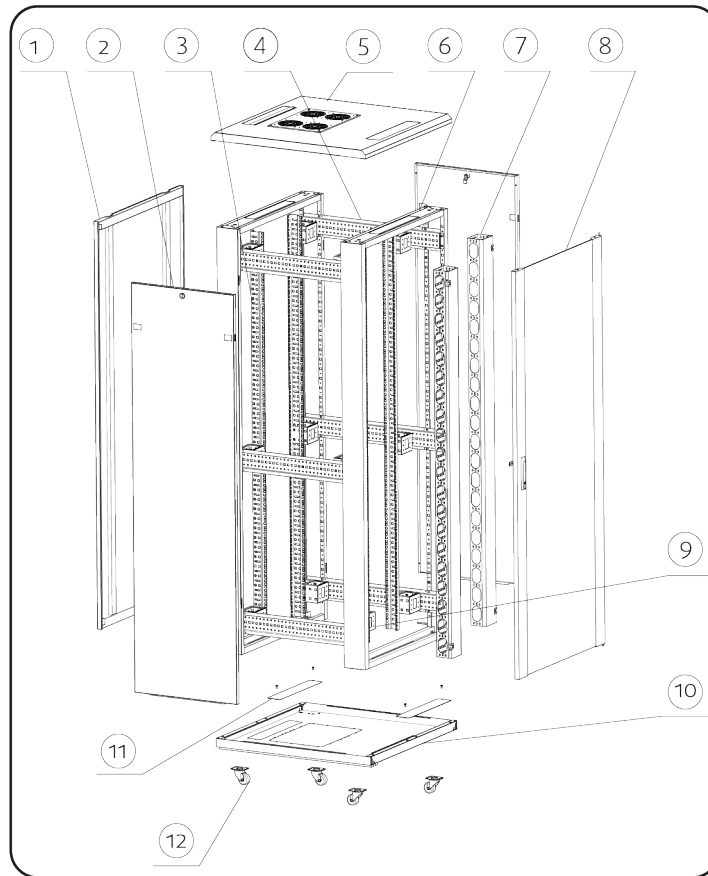
approved by: Ana Barbosa



600mm Width

PACKAGING INFORMATION - 600mm WIDTH

Pack	Description	Quantity
1	Frame (6)	2
	Mounting Rail (3)	4
	Top Cover (5)	1
	Bottom Plate (8)	1
2	Screw and Nuts	20 Sets (24U-33U) 40 Sets (38U-47U)
	Mounting bar (4)	4 pcs (15U-33U) 6 pcs (38U-47U)
	Heavy Duty Castor 2" (10)	4
	M12 Adjustable Feet	4
	Key for side panel	2
	Instructions Manual	1
	3	Front Door (7)
Rear Door (1)		1
Side Panel (2)		2
5	Lock and keys	2



800mm Width

PACKAGING INFORMATION - 800mm WIDTH

Pack	Description	Quantity
1	Frame (6)	2
	Mounting Rail (3)	4
	Top Cover (5)	1
	Bottom Plate (10)	1
	Screw and Nuts	20 Sets (24U-33U) 40 Sets (38U-47U)
2	Mounting bar (4)	4 pcs (15U-33U) 6 pcs (38U-47U)
	Mounting Spacer (9)	12 pcs (38U-47U)
	Heavy Duty Castor 2" (12)	4
	M12 Adjustable Feet	4
	Key for side panel	2
	Instructions Manual	1
	Front Door (8)	1
3	Rear Door (1)	1
	Side Panel (2)	2
4	Cable Management (7)	2
5	Lock and keys	2

ORDER INFORMATION

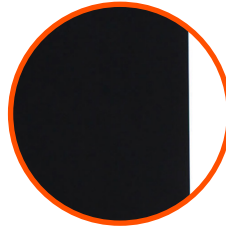
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		Width	Length	Height	Pack 1	Pack 2	Pack 4	Pack 1	Pack 2	Pack 4
82341015606	15	600	600	870	800x630x240	640x660x110	-	14	16	-
82341015608		600	800	870	800x630x240	640x860x110	-	14	20	-
82341020606	20	600	600	1092	1020x630x240	640x660x110	-	17	16	-
82341020608		600	800	1092	1020x630x240	640x860x110	-	17	20	-
82341024606	24	600	600	1270	1200x630x240	640x660x110	-	19	16	-
82341024608		600	800	1270	1200x630x240	640x860x110	-	19	20	-
82341024810		800	1000	1270	1200x825x240	840x1060x130	1025x840x110	21	33	7
82341029606	29	600	600	1492	1420x630x240	640x660x110	-	22	16	-
82341029608		600	800	1492	1420x630x240	640x860x110	-	22	20	-
82341033606	33	600	600	1670	1600x630x240	640x660x110	-	24	16	-
82341033608		600	800	1670	1600x630x240	640x860x110	-	24	20	-
82341038606	38	600	600	1892	1820x630x240	640x660x110	-	27	16	-
82341038608		600	800	1892	1820x630x240	640x860x110	-	27	21	-
82341038610		600	1000	1892	1820x630x240	640x1060x110	-	27	24	-
82341038806		800	600	1892	1820x830x240	840x660x130	1660x200x130	29	24	8
82341038808		800	800	1892	1820x830x240	840x860x130	1660x200x130	29	30	8
82341038810		800	1000	1892	1820x830x240	840x1060x130	1660x200x130	29	35	8
82341042606	42	600	600	2070	2000x630x240	640x660x110	-	30	16	-
82341042608		600	800	2070	2000x630x240	640x860x110	-	30	21	-
82341042610		600	1000	2070	2000x630x240	640x1060x110	-	30	24	-
82341042806		800	600	2070	2000x830x240	840x660x130	1840x200x130	32	24	9
82341042808		800	800	2070	2000x830x240	840x860x130	1840x200x130	32	30	9
82341042810		800	1000	2070	2000x830x240	840x1060x130	1840x200x130	32	35	9
82341042812		800	1200	2070	2000x830x240	1230x830x130	1840x200x130	32	40	9
82341047606	47	600	600	2292	2220x630x240	640x660x110	-	33	16	-
82341047608		600	800	2292	2220x630x240	640x860x110	-	33	21	-
82341047610		600	1000	2292	2220x630x240	640x1060x110	-	33	24	-
82341047806		800	600	2292	2220x830x240	840x660x130	2060x200x130	34	24	11
82341047808		800	800	2292	2220x830x240	840x860x130	2060x200x130	34	30	11
82341047810		800	1000	2292	2220x830x240	840x1060x130	2060x200x130	34	35	11
823410478112		800	1200	2292	2000x830x240	1230x830x130	2060x200x130	34	40	11

Note: To order the assembled rack, add "M" at the end of the code.

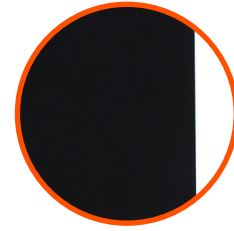
SERIE NORMA 1



FRONT DOOR



REAR DOOR



SIDE PANEL

ORDER INFORMATION

Code	U	Dimensions Mounted (mm)			Pack Dimensions (mm)				Weight (kg)			
		Width	Length	Height	Pack 1	Pack 2	Pack 3	Pack 4	Pack 1	Pack 2	Pack 3	Pack 4
82341115606	15	600	600	870	800x630x240	640x660x110	760x650x120	-	14	16	18	-
82341115608		600	800	870	800x630x240	640x860x110	760x650x120	-	14	20	20	-
82341120606	20	600	600	1092	1020x630x240	640x660x110	1000x650x120	-	17	16	23	-
82341120608		600	800	1092	1020x630x240	640x860x110	1000x650x120	-	17	20	26	-
82341124606	24	600	600	1270	1200x630x240	640x660x110	1160x650x120	-	19	16	27	-
82341124608		600	800	1270	1200x630x240	640x860x110	1160x650x120	-	19	20	30	-
82341129606	29	600	600	1492	1420x630x240	640x660x110	1390x650x120	-	22	16	32	-
82341129608		600	800	1492	1420x630x240	640x860x110	1390x650x120	-	22	20	36	-
82341133606	33	600	600	1670	1600x630x240	640x660x110	1580x650x120	-	24	16	36	-
82341133608		600	800	1670	1600x630x240	640x860x110	1580x650x120	-	24	20	42	-
82341138606	38	600	600	1892	1820x630x240	640x660x110	1780x650x120	-	27	16	41	-
82341138608		600	800	1892	1820x630x240	640x860x110	1780x650x120	-	27	21	48	-
82341138610		600	1000	1892	1820x630x240	640x1060x110	1790x780x120	-	27	24	49	-
82341138806		800	600	1892	1820x830x240	840x660x130	1770x850x120	1660x200x130	29	24	50	8
82341138808	42	800	800	1892	1820x830x240	840x860x130	1770x850x120	1660x200x130	29	30	56	8
82341138810		800	1000	1892	1820x830x240	840x1060x130	1770x850x120	1660x200x130	29	35	62	8
82341142606		600	600	2070	2000x630x240	640x660x110	1960x650x120	-	30	16	45	-
82341142608	47	600	800	2070	2000x630x240	640x860x110	1960x650x120	-	30	21	52	-
82341142610		600	1000	2070	2000x630x240	640x1060x110	1960x790x120	-	30	24	60	-
82341142806		800	600	2070	2000x830x240	840x660x130	1960x850x120	1840x200x130	32	24	54	9
82341142808		800	800	2070	2000x830x240	840x860x130	1960x850x120	1840x200x130	32	30	62	9
82341142810	47	800	1000	2070	2000x830x240	840x1060x130	1960x850x120	1840x200x130	32	35	68	9
82341147606		600	600	2292	2220x630x240	640x660x110	2190x650x120	-	33	16	50	-
82341147608		600	800	2292	2220x630x240	640x860x110	2190x650x120	-	33	21	58	-
82341147610		600	1000	2292	2220x630x240	640x1060x110	2190x790x120	-	33	24	66	-
82341147806		800	600	2292	2220x830x240	840x660x130	2190x790x110	2060x200x130	34	24	55	11
82341147808		800	800	2292	2220x830x240	840x860x130	2160x790x110	2060x200x130	34	30	68	11
82341147810		800	1000	2292	2220x830x240	840x1060x130	2160x850x110	2060x200x130	34	35	74	11

Note: 2 Unit Pack 5 additional (Lock). Dimensions: 180x50x48 mm; Weight: 0,48 kg each.
To order the assembled rack, add "M" at the end of the code.

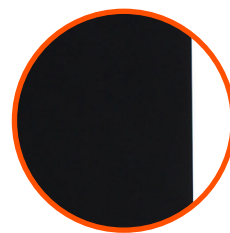
SERIE NORMA 2



FRONT DOOR



REAR DOOR



SIDE PANEL

ORDER INFORMATION

Code	U	Dimensions Mounted (mm)			Pack Dimensions (mm)				Weight (kg)			
		Width	Length	Height	Pack 1	Pack 2	Pack 3	Pack 4	Pack 1	Pack 2	Pack 3	Pack 4
82341215606	15	600	600	870	800x630x240	640x660x110	760x650x120	-	14	16	17	-
82341215608		600	800	870	800x630x240	640x860x110	760x650x120	-	14	20	20	-
82341220606	20	600	600	1092	1020x620x240	640x660x110	1000x650x120	-	17	16	23	-
82341220608		600	800	1092	1020x620x240	640x860x110	1000x650x120	-	17	20	26	-
82341224606	24	600	600	1270	1200x630x240	640x660x110	1160x650x120	-	19	16	26	-
82341224608		600	800	1270	1200x630x240	640x860x110	1160x650x120	-	19	20	27	-
82341229606	29	600	600	1492	1420x630x240	640x660x110	1390x650x120	-	22	16	31	-
82341229608		600	800	1492	1420x630x240	640x860x110	1390x650x120	-	22	20	34	-
82341233606	33	600	600	1670	1600x630x240	640x660x110	1580x650x120	-	24	16	35	-
82341233608		600	800	1670	1600x630x240	640x860x110	1580x650x120	-	24	20	40	-
82341238606	38	600	600	1892	1820x630x240	640x660x110	1780x650x120	-	27	16	39	-
82341238608		600	800	1892	1820x630x240	640x860x110	1780x650x120	-	27	21	46	-
82341238610		600	1000	1892	1820x630x240	640x1060x110	1780x790x120	-	27	24	53	-
82341238806		800	600	1892	1820x830x240	840x660x130	1780x850x120	1660x200x130	29	24	47	8
82341238808	42	800	800	1892	1820x830x240	840x860x130	1780x850x120	1660x200x130	29	30	54	8
82341238810		800	1000	1892	1820x830x240	840x1060x130	1780x850x120	1660x200x130	29	35	60	8
82341242606		600	600	2070	2000x630x240	640x660x110	1960x650x120	-	30	16	44	-
82341242608	47	600	800	2070	2000x630x240	640x860x110	1960x650x120	-	30	21	50	-
82341242610		600	1000	2070	2000x630x240	640x1060x110	1960x790x120	-	30	24	58	-
82341242806		800	600	2070	2000x830x240	840x660x130	1960x850x120	1840x200x130	32	24	52	9
82341242808		800	800	2070	2000x830x240	840x860x130	1960x850x120	1840x200x130	32	30	59	9
82341242810	47	800	1000	2070	2000x830x240	840x1060x130	1940x850x110	1840x200x130	32	35	66	9
82341247606		600	600	2292	2220x630x240	640x660x110	2190x650x120	-	33	16	38	-
82341247608		600	800	2292	2220x630x240	640x860x110	2190x650x120	-	33	21	45	-
82341247610	47	600	1000	2292	2220x630x240	640x1060x110	2190x790x120	-	33	24	53	-
82341247806		800	600	2292	2220x830x240	840x660x130	2190x850x120	2060x200x130	34	24	45	11
82341247808		800	800	2292	2220x830x240	840x860x130	2190x850x120	2060x200x130	34	30	59	11
82341247810	800	1000	2292	2220x830x240	840x1060x130	2190x850x120	2060x200x130	34	35	60	11	

Note: 1 Unit Pack 5 additional (Lock). Dimensions: 180x50x48 mm; Weight: 0,48 kg each.

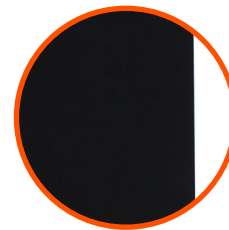
To order the assembled rack, add "M" at the end of the code.



FRONT DOOR



REAR DOOR



SIDE PANEL

ORDER INFORMATION

Code	U	Dimensions Mounted (mm)			Pack Dimensions (mm)				Weight (kg)			
		Width	Length	Height	Pack 1	Pack 2	Pack 3	Pack 4	Pack 1	Pack 2	Pack 3	Pack 4
82341315606	15	600	600	870	800x630x240	640x660x110	740x640x120	-	14	16	11	-
82341315608		600	800	870	800x630x240	640x860x110	740x640x120	-	14	20	14	-
82341320606	20	600	600	1092	1020x630x240	640x660x110	960x640x120	-	17	16	13	-
82341320608		600	800	1092	1020x630x240	640x860x110	960x640x120	-	17	20	17	-
82341324606	24	600	600	1270	1200x630x240	640x660x110	1140x640x120	-	19	16	16	-
82341324608		600	800	1270	1200x630x240	640x860x110	1140x640x120	-	19	20	20	-
82341324810	29	800	1000	1270	1200x825x240	840x1060x130	1150x840x110	1025x840x110	21	33	42	7
82341329606		600	600	1492	1420x630x240	640x660x110	1360x640x120	-	22	16	18	-
82341329608	600	800	1492	1420x630x240	640x860x110	1360x640x120	-	22	20	23	-	
82341333606	33	600	600	1670	1600x630x240	640x660x110	1540x640x120	-	24	16	21	-
82341333608		600	800	1670	1600x630x240	640x860x110	1540x640x120	-	24	20	26	-
82341338606	38	600	600	1892	1820x630x240	640x660x110	1790x650x120	-	27	16	23	-
82341338608		600	800	1892	1820x630x240	640x860x110	1790x650x120	-	27	21	29	-
82341338610	38	600	1000	1892	1820x630x240	640x1060x110	1790x790x120	-	27	24	35	-
82341338806		800	600	1892	1820x830x240	840x660x130	1790x850x120	1660x200x130	29	24	27	8
82341338808	800	800	1892	1820x830x240	840x860x130	1790x850x120	1660x200x130	29	30	33	8	
82341338810	800	1000	1892	1820x830x240	840x1060x130	1790x850x120	1660x200x130	29	35	39	8	
82341342606	42	600	600	2070	2000x630x240	640x660x110	1960x650x120	-	30	16	30	-
82341342608		600	800	2070	2000x630x240	640x860x110	1960x650x120	-	30	21	37	-
82341342610	42	600	1000	2070	2000x630x240	640x1060x110	1960x790x120	-	30	24	43	-
82341342806		800	600	2070	2000x830x240	840x660x130	1960x850x120	1840x200x130	32	24	28	9
82341342808	800	800	2070	2000x830x240	840x860x130	1960x850x120	1840x200x130	32	30	36	9	
82341342810	800	1000	2070	2000x830x240	840x1060x130	1960x850x120	1840x200x130	32	35	43	9	
82341347606	47	600	600	2292	2220x630x240	640x660x110	2190x650x120	-	33	16	28	-
82341347608		600	800	2292	2220x630x240	640x860x110	2190x650x120	-	33	21	36	-
82341347610	47	600	1000	2292	2220x630x240	640x1060x110	2190x790x120	-	33	24	53	-
82341347806		800	600	2292	2220x830x240	840x660x130	2190x850x120	2060x200x130	34	24	33	11
82341347808	800	800	2292	2220x830x240	840x860x130	2190x850x120	2060x200x130	34	30	56	11	
82341347810	800	1000	2292	2220x830x240	840x1060x130	2190x850x120	2060x200x130	34	35	62	11	

Note: 1 Unit Pack 5 additional (Lock). Dimensions: 180x50x48 mm; Weight: 0,48 kg each.

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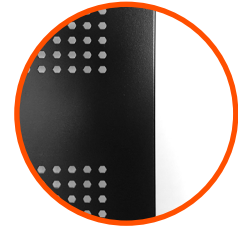
SERIE NORMA 4



FRONT DOOR



REAR DOOR



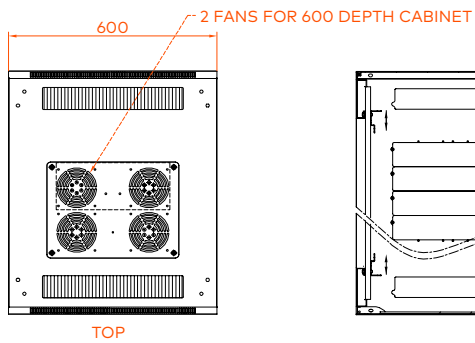
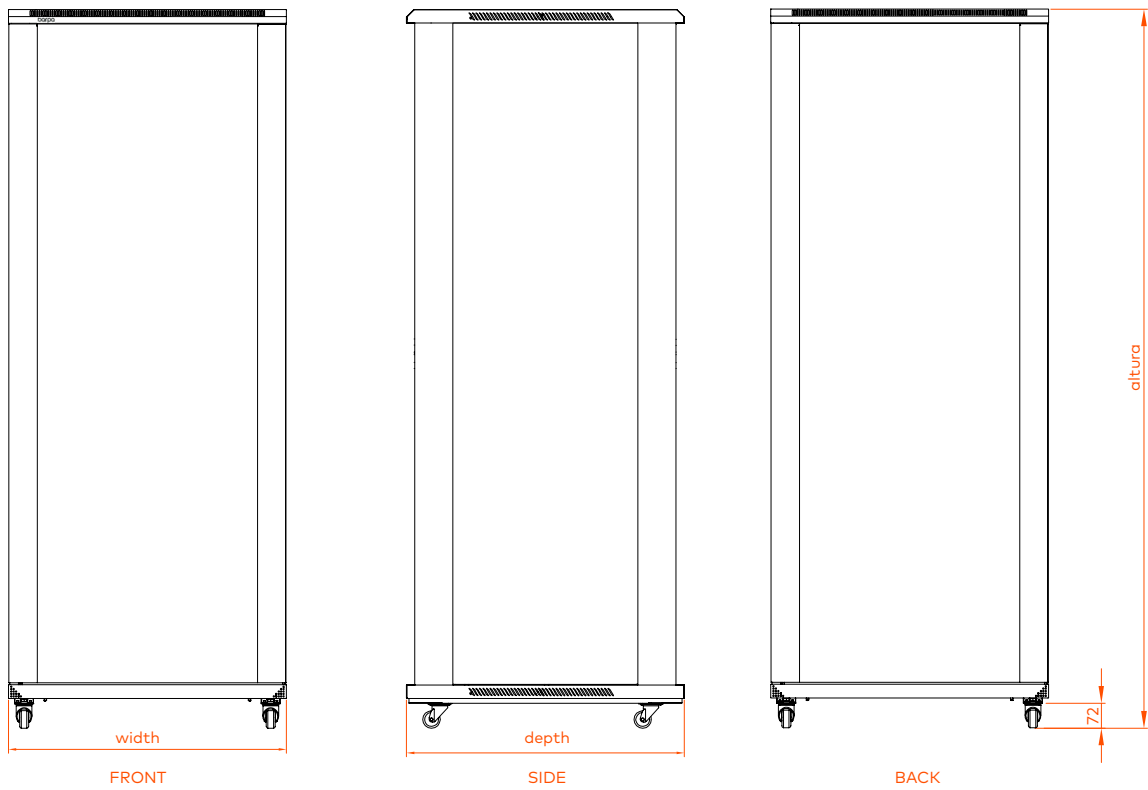
SIDE PANEL

ORDER INFORMATION

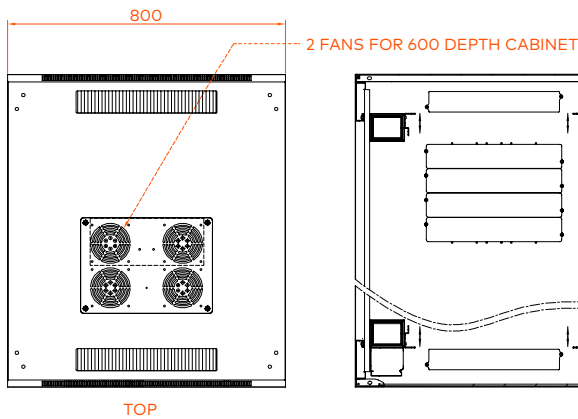
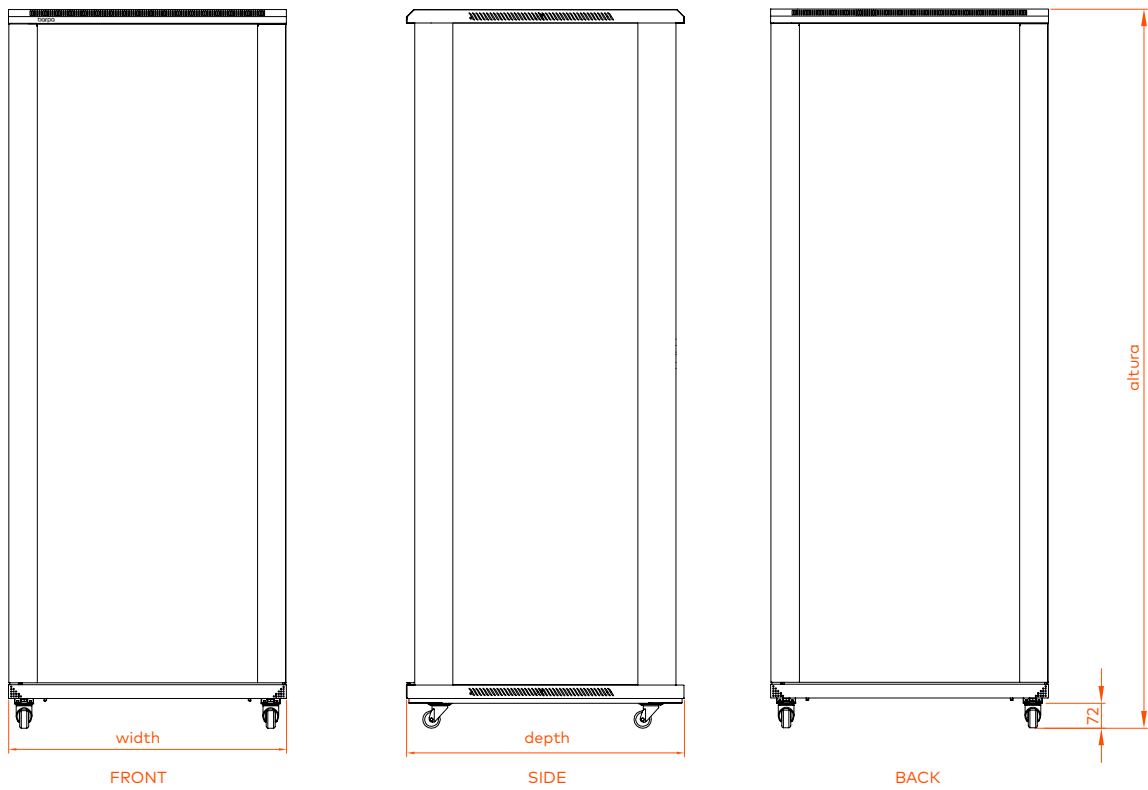
Code	U	Dimensions Mounted (mm)			Pack Dimensions (mm)				Weight (kg)			
		Width	Length	Height	Pack 1	Pack 2	Pack 3	Pack 4	Pack 1	Pack 2	Pack 3	Pack 4
82341442808		800	800	2070	2000x830x240	840x860x130	1960x850x120	1840x200x130	32	30	62	9
82341442810	42	800	1000	2070	2000x830x240	840x1060x130	1960x850x120	1840x200x130	32	35	65	9
82341442812		800	1200	2070	2000x830x240	1230x830x130	1960x850x120	1840x200x130	32	40	71	9
82341447808		800	800	2292	2000x830x240	840x860x130	2185x850x120	2060x200x130	34	30	68	11
82341447810	47	800	1000	2292	2000x830x240	840x1060x130	2185x850x120	2060x200x130	34	35	73	11
823414478112		800	1200	2292	2000x830x240	1230x830x130	2185x850x120	2060x200x130	34	40	78	11

Note: To order the assembled rack, add "M" at the end of the code.

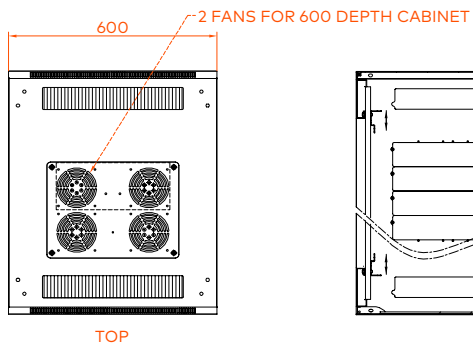
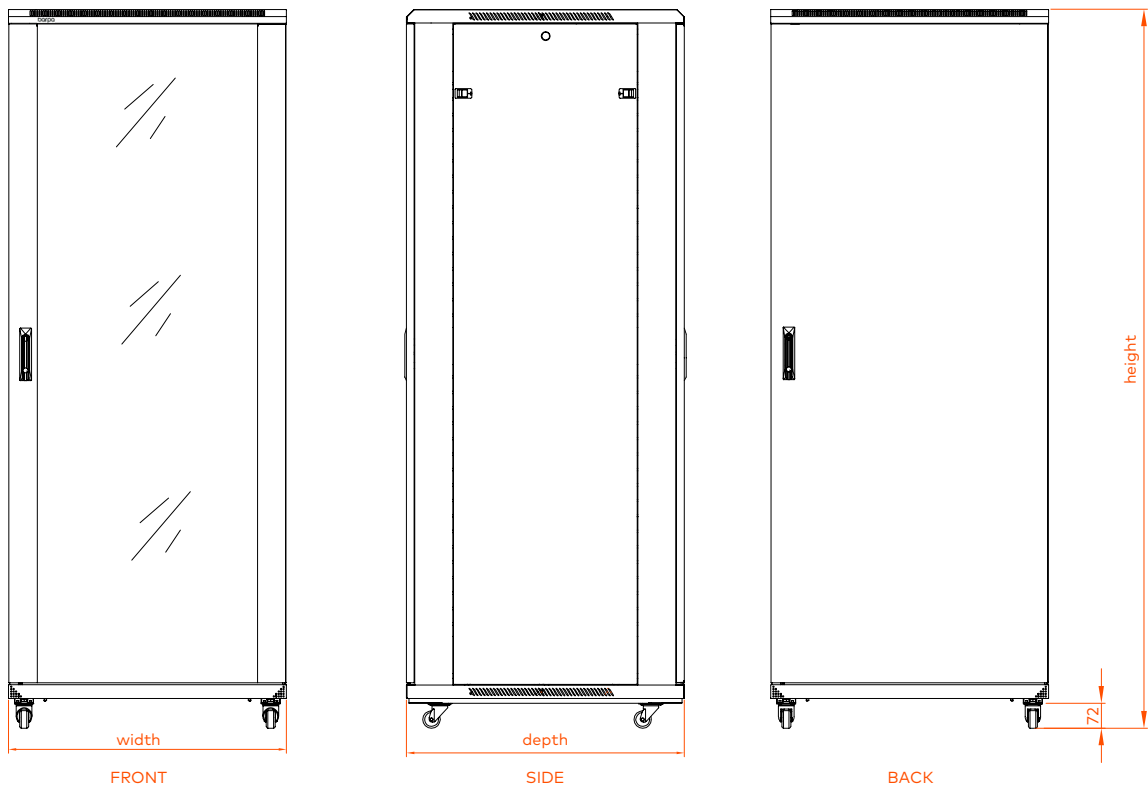
TECHNICAL DRAWING - NORMA 0 - Width 600mm



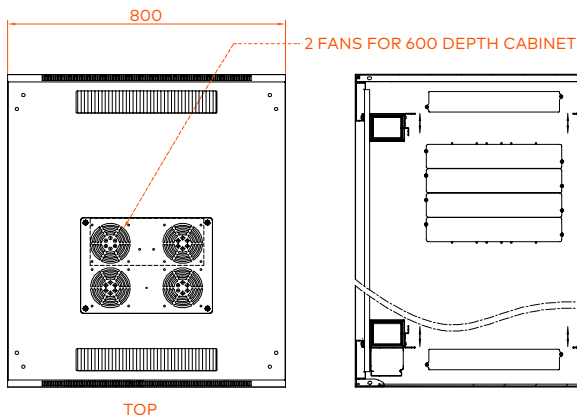
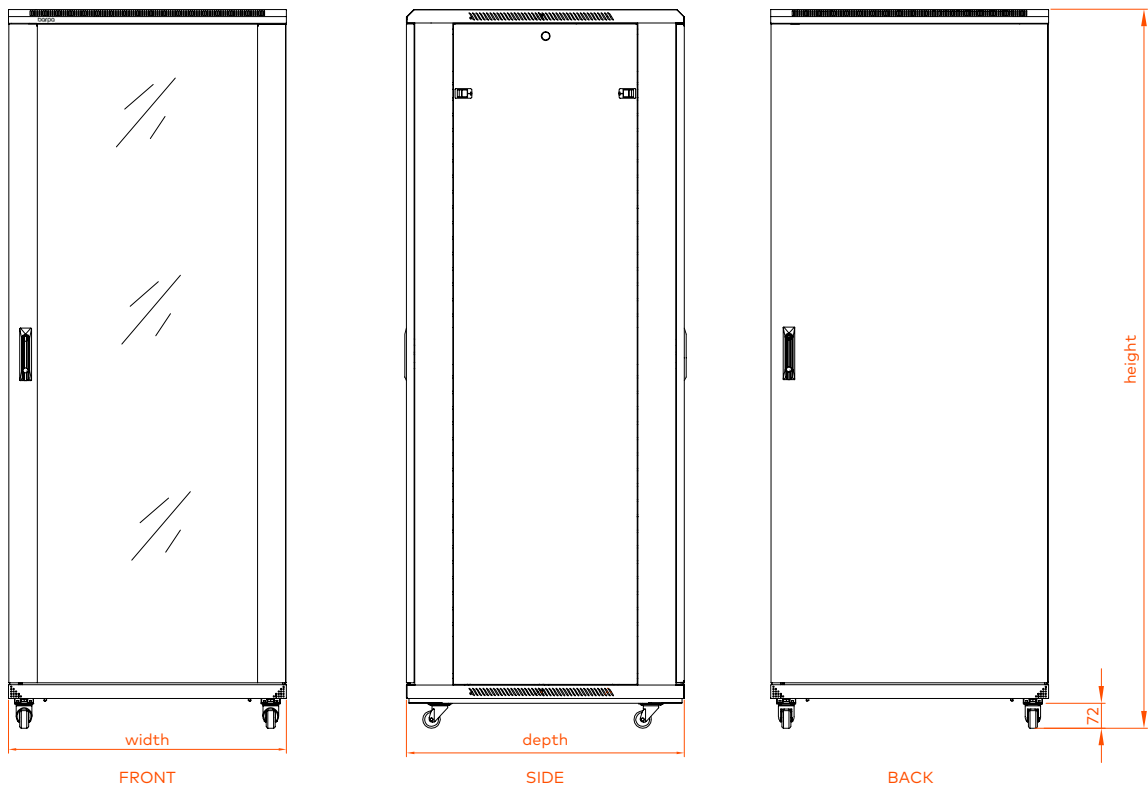
TECHNICAL DRAWING - NORMA 0 - Width 800mm



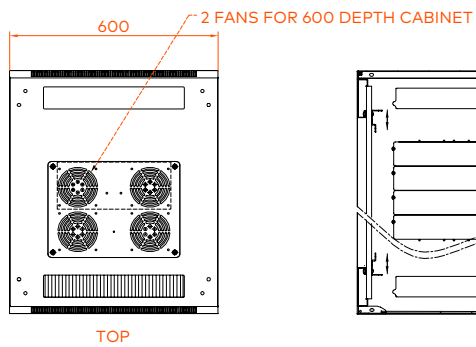
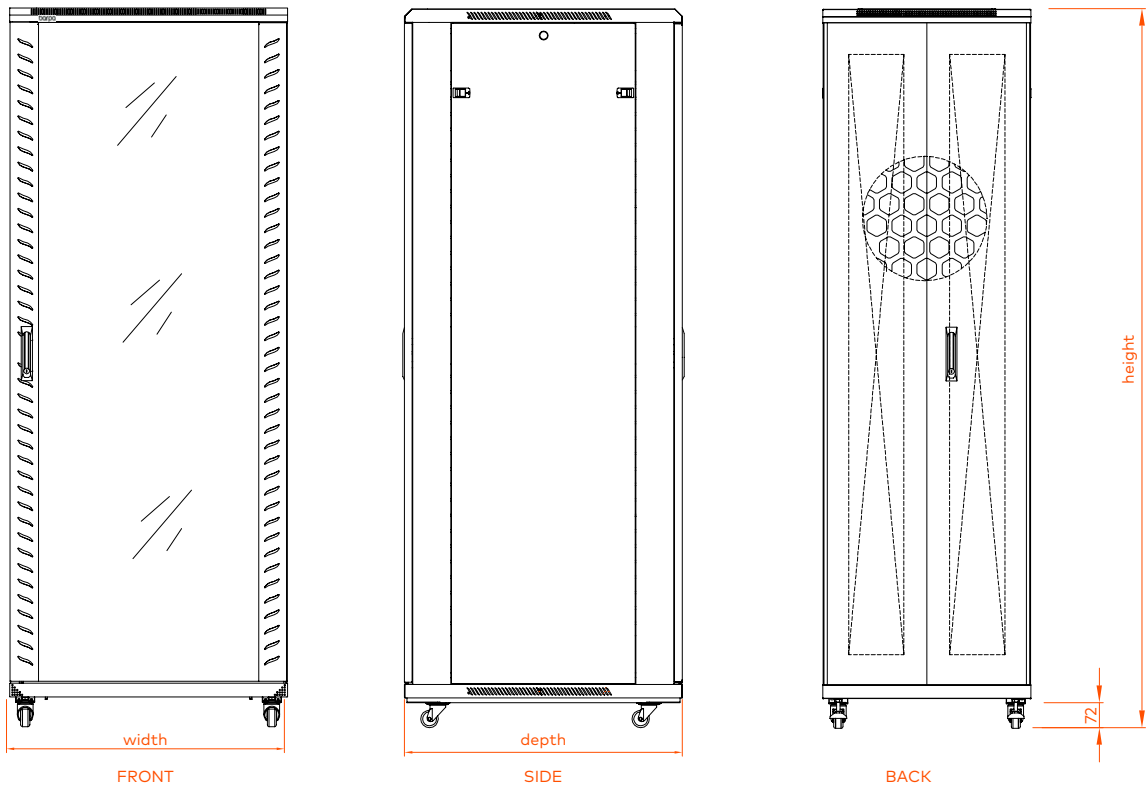
TECHNICAL DRAWING - NORMA 1 - WIDTH 600mm



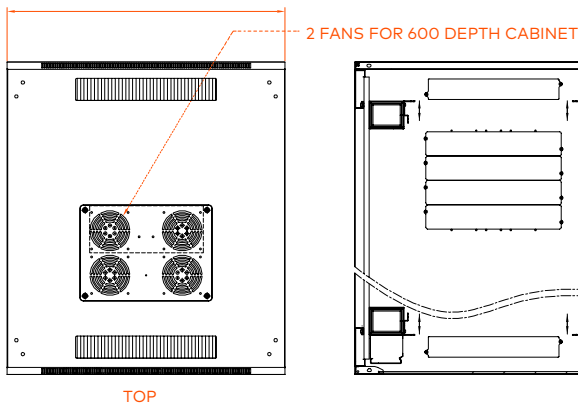
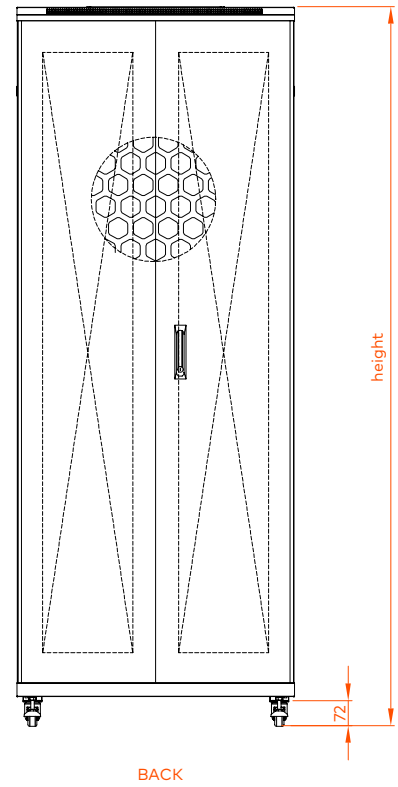
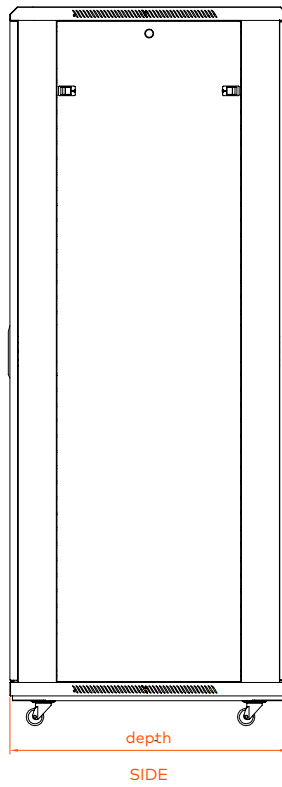
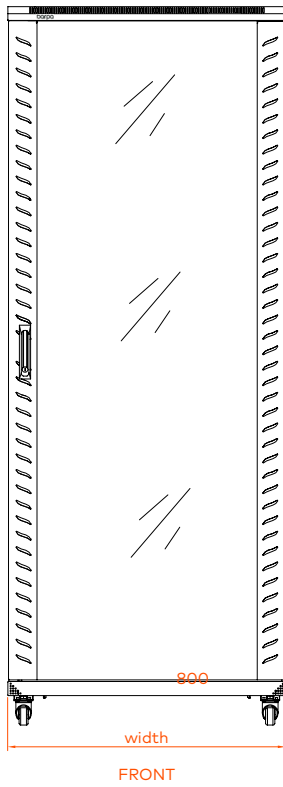
TECHNICAL DRAWING - NORMA 1 - WIDTH 800mm



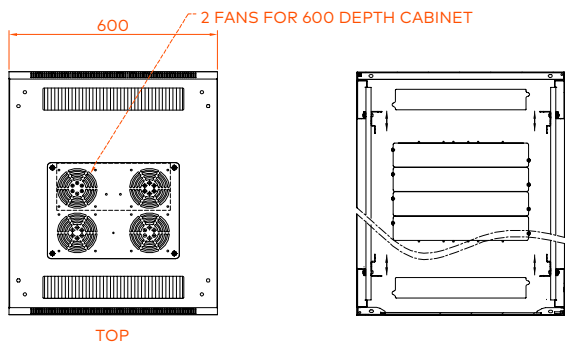
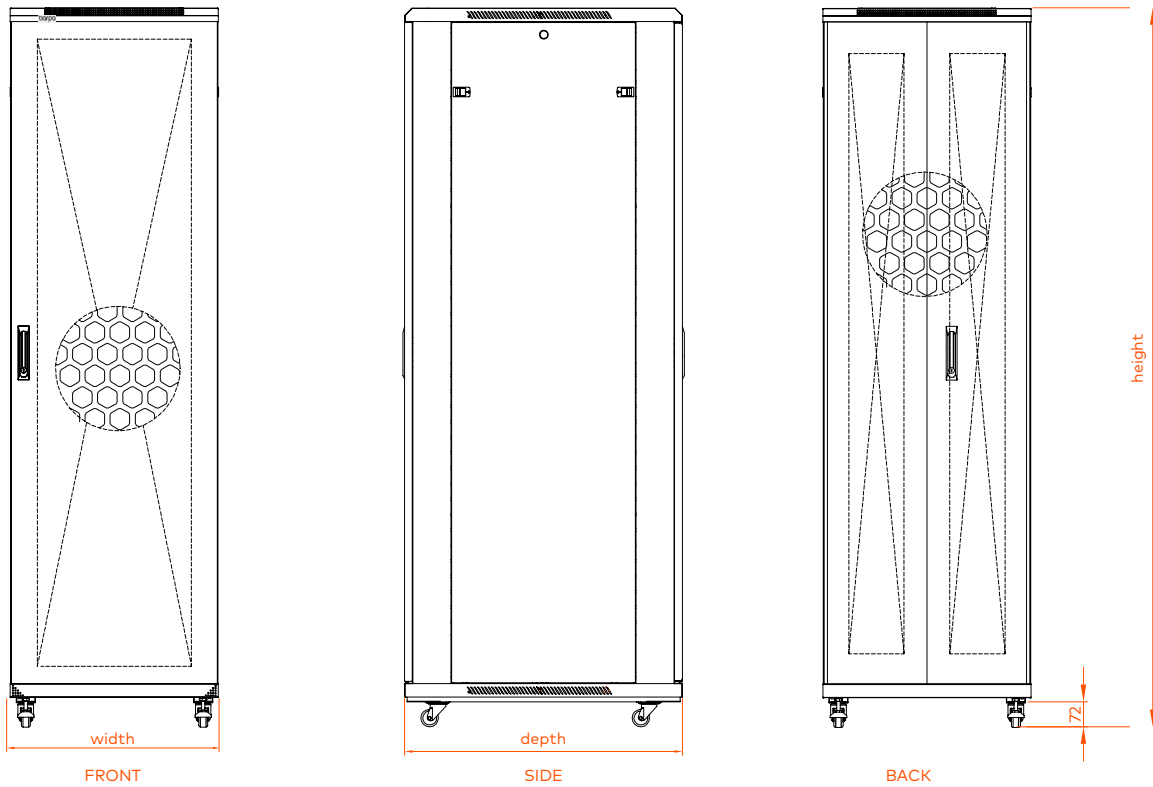
TECHNICAL DRAWING - NORMA 2 - WIDTH 600mm



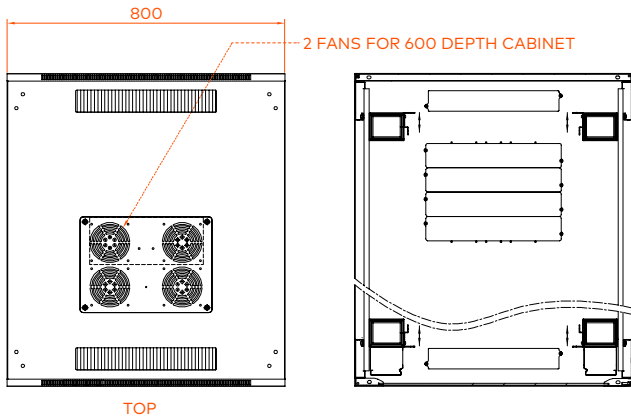
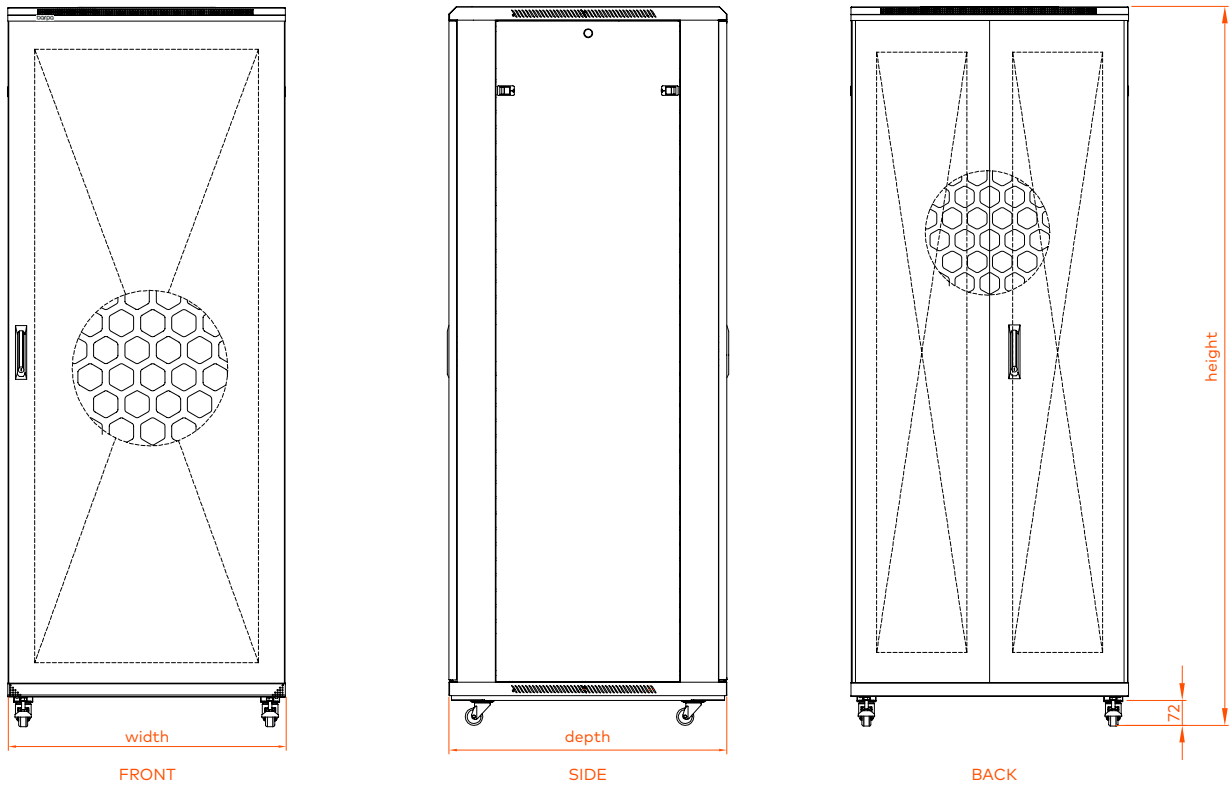
TECHNICAL DRAWING - NORMA 2 - WIDTH 800mm



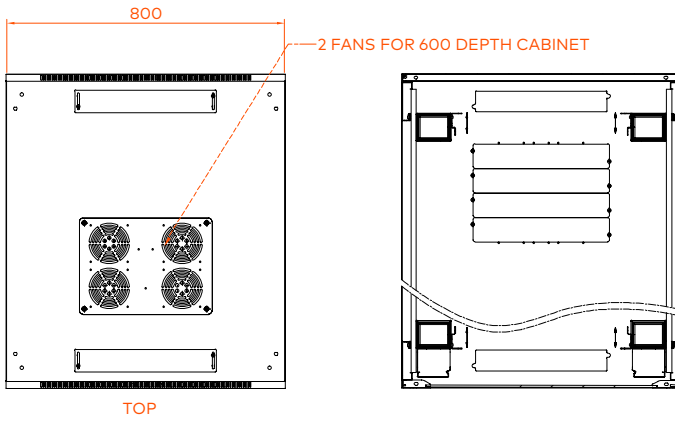
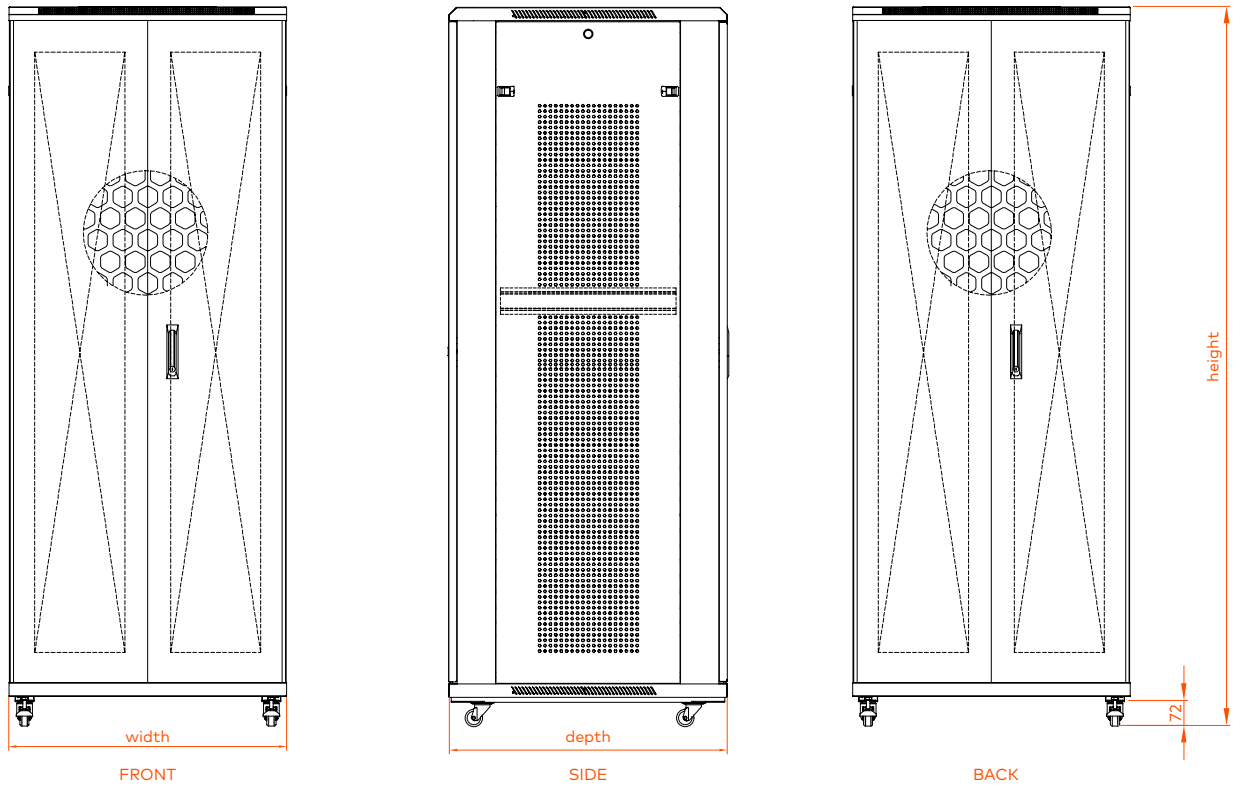
TECHNICAL DRAWING - NORMA 3 - WIDTH 600mm



TECHNICAL DRAWING - NORMA 3 - WIDTH 800mm



TECHNICAL DRAWING - NORMA 4 - WIDTH 800mm



PACKAGING

Norma cabinet is sold in flat packing for an easy logistic management, also for low risk of damage in transportation.



PACK 1



PACK 2



PACK 3



PACK 4
(for rack
of 800mm)



PACK 5



To order the assembled rack, add "M" at the end of the code.
Please specify in your request.



As part of our goal to achieve quality excellence, our barpa System Warranty can give you 25 years products and solution assurance of compliance with the industry performance standard comparing with the class installed. This warranty applies to network infrastructure installations that was made by an approved barpa partner using an barpa solution (end-to-end). For more informations go to our website.