
A 3
B 3
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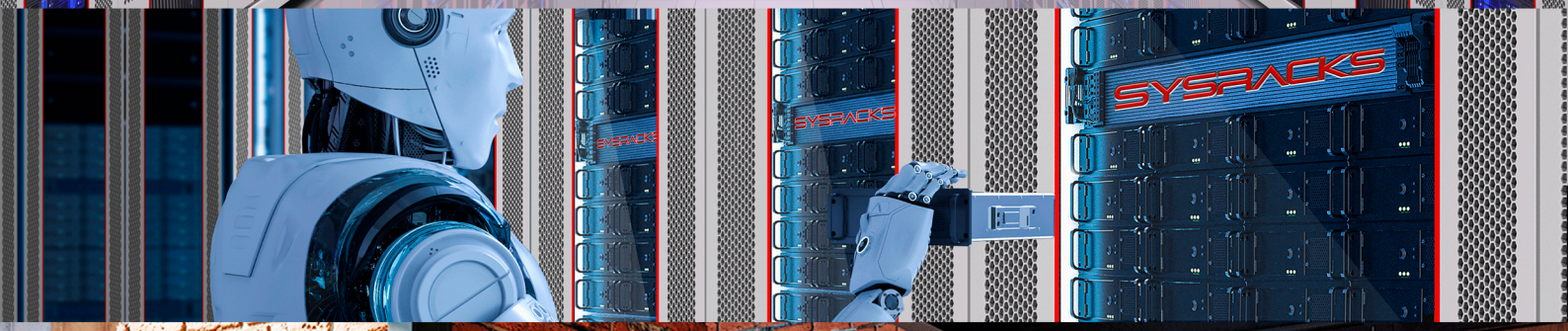
B 4
SYSRACKS


SYSRACKS
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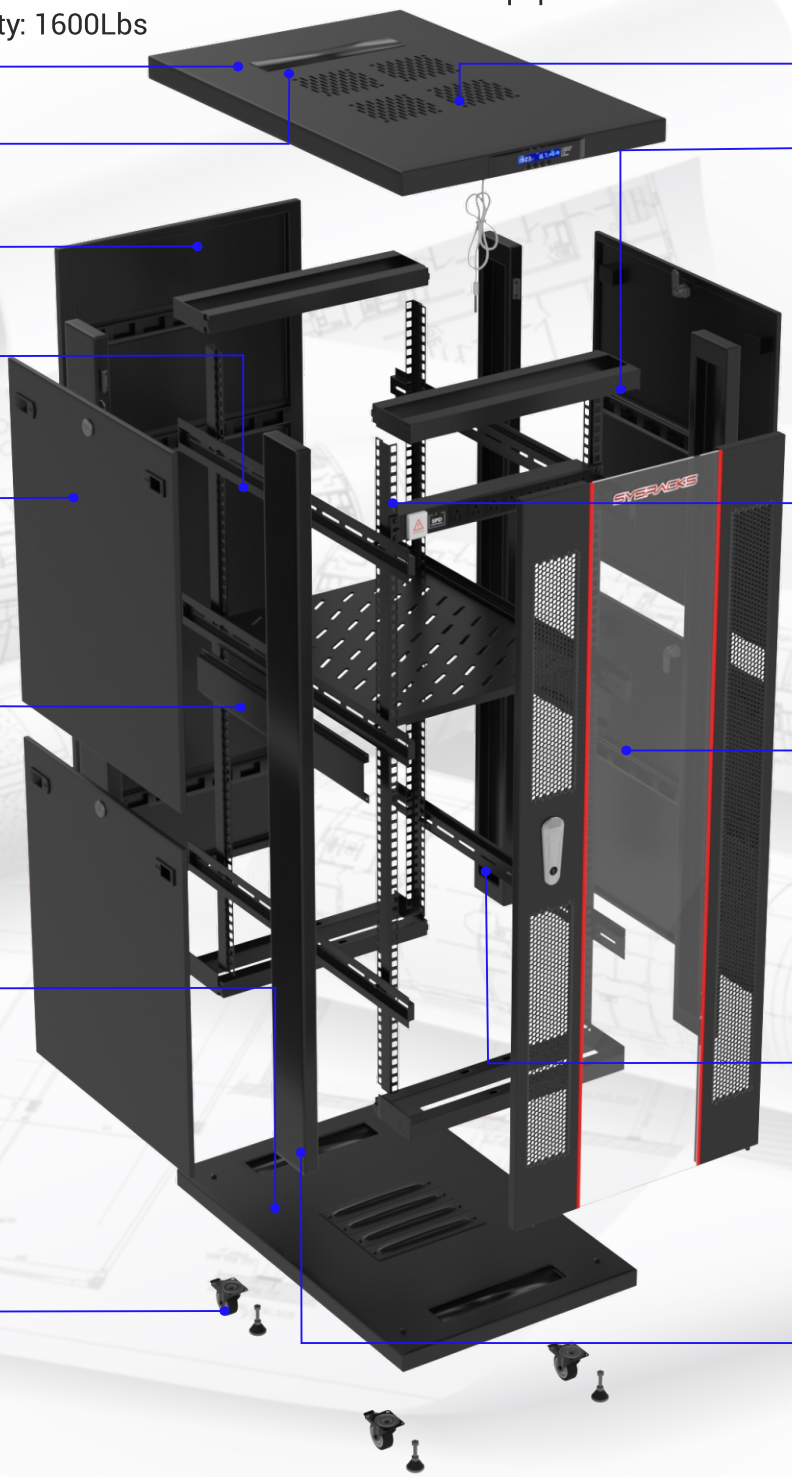
CHOOSE YOUR FUTURE

HARDWARE BOX

Name	Qty	PVC bag number	STEP
M6*15 bolts	35pcs	1(35PCS)	4 and 7
M6 nuts	26pcs	2(26PCS)	7
M8*12 bolts	16pcs	3(16PCS)	3
M6 mounting hardware	50sets	4(50SET)	
M5 self tapping screws	25pcs	5(25PCS)	2 and 11
M4 self tapping screws	22pcs	6(22PCS)	5
M5*10 bolts	50pcs	8(50PCS)	1 and 6
Rubber damper and steel damper 8pcs and plastic door bushing 2pcs	10pcs	7(8+2PCS)	9
Latch locks for the front/rear door	2pcs	/	10
Small round lock for side panels	2pcs	/	8
Casters	4pcs	/	2
Legs	4pcs	/	2
Silver stoppers(corners)	4pcs	/	5

MAIN STRUCTURE

Server Rack Sysracks SRF 18U-42U600x800(1000mm)
Color: Black 9005 or Gray 7035
Base model includes:
• Temperature Control System with 4 fans
• 3 Brash cable entry
• 1 PDU 8 ways
• 1 fix shelf
• 4 rollers and legs
• 2 Latch locks
• Set of screws and nuts (50 pcs).
Mounting Holes Type: Square
Compatibility: 19" Standard AV Telecommunication and Server Equipment
Max static loading Capacity: 1600Lbs

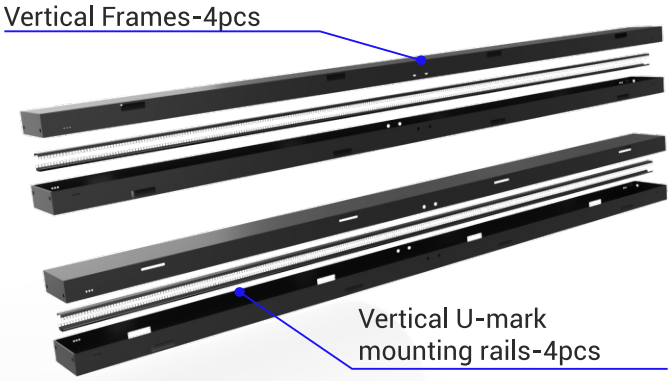


THE SERVER RACK SRF SERIES IS SUPPLIED IN 5 FLAT PACKAGES:

BEFORE ASSEMBLY

-Tools Required on Assembly: Crosshead Screwdriver(Preferably Electrical Screwdriver, Utility Knife.
-2 people are required on unpacking/assembly/ relocation of the Server Rack/parts.
-Ensure having enough space and flat levelled surface before assembly and installation to minimize the risk of tipping over.
-House the heaviest equipment towards the bottom and light equipment towards the top a server rack.
-All bolt connections must be tightened at the end of the assembly process to straighten and secure the construction.

(1/5)-Vertical Frames Package



(2/5)-Doors Package (Front/Rear)

(3/5)-Side Panels Package

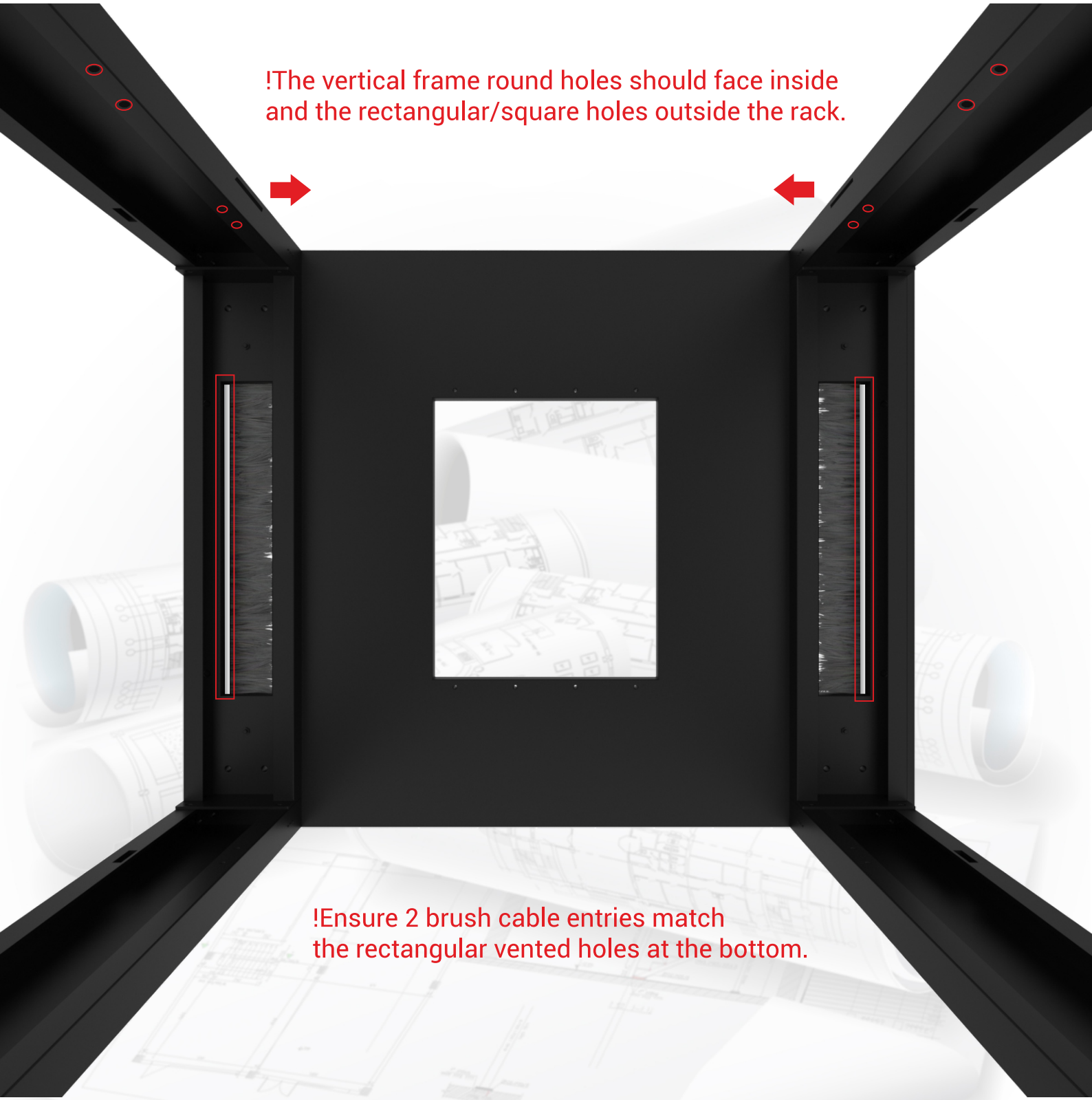
(4/5)-Top/Bottom, Hardware package

(5/5)-Horizontal Frames and Reinforcing Angles Package

STEP#1

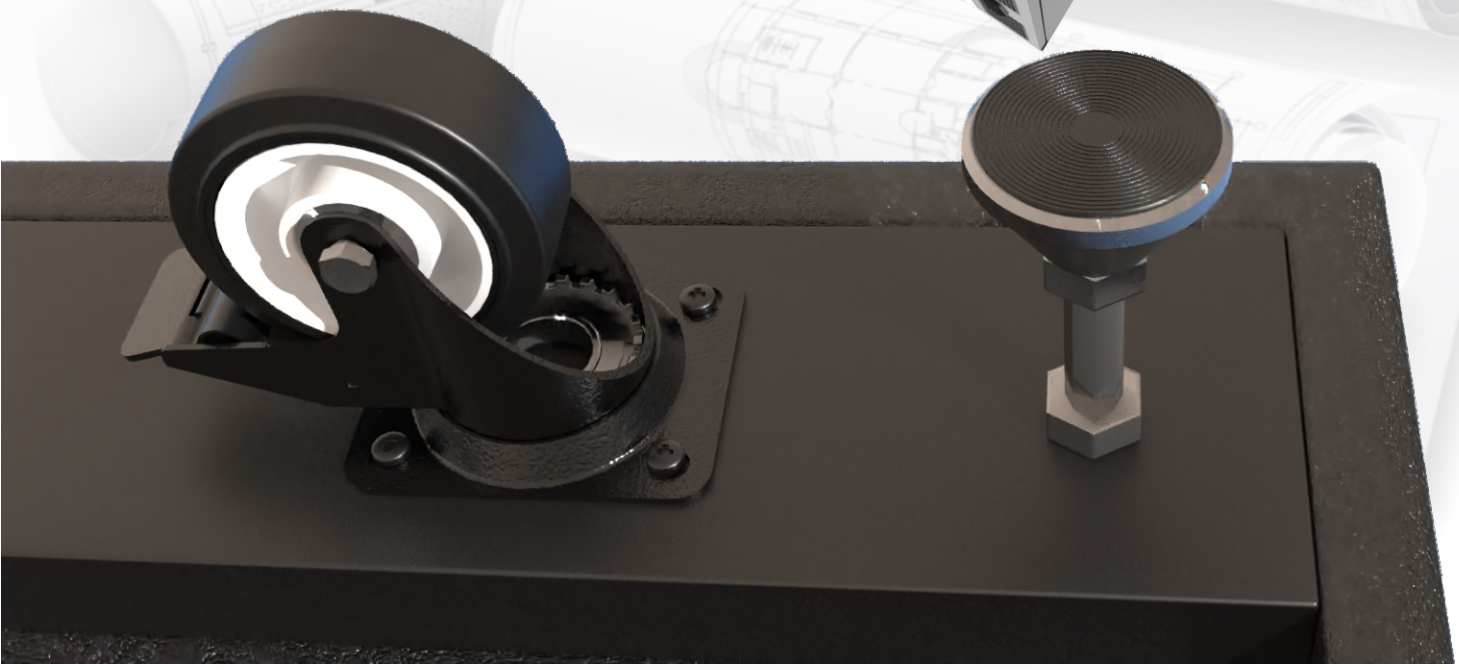
Building the Main Frames:

Combine the Horizontal (package 5/5) and Vertical (package 1/5) frame parts into one single frame.
Secure each connection with 2 X M5 bolts (plastic bag#8).
The hardware kit enclosed in package 4/5


!The vertical frame round holes should face inside
and the rectangular/square holes outside the rack.
!Ensure 2 brush cable entries match
the rectangular vented holes at the bottom.

STEP#2

Using the self taping screws M5(#5) and steel flat washers , install the casters. Install the adjustable legs.



STEP#3

Using the bolts #3(M8),
bolt 2 main frames
with Bottom and bottom parts
from the inside the rack.

STEP#4

Only for
32U/37U/42U
server racks

Using the bolts #1(M6*15) install the intermediate horizontal side panels supporting beams on each side.

STEP#5

Using the M4 self-taping screws #6, screw the aluminum side panel stoppers and insert the rubber dowels.
18U/22U/27U-4pcs, 32U/42U-8pcs

STEP#6

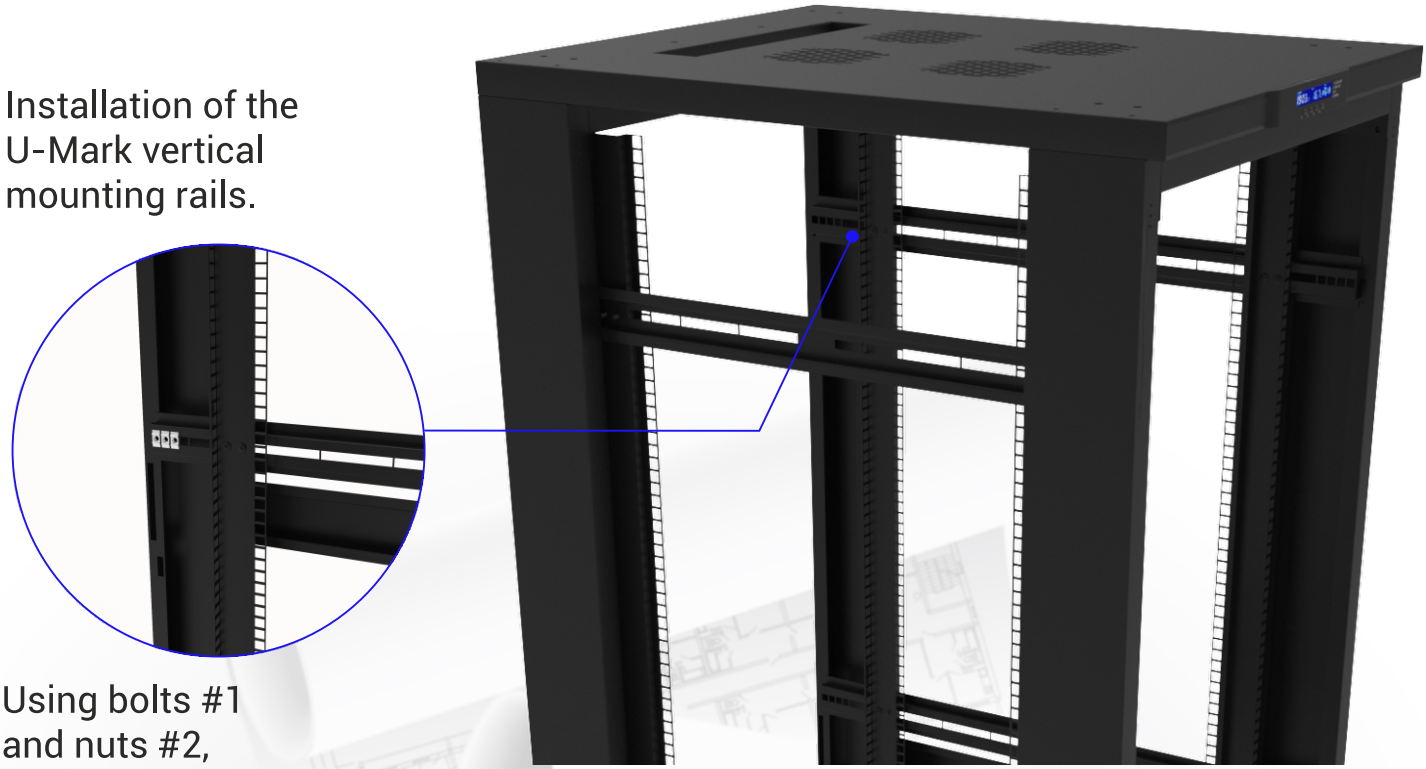
Installation of the horizontal mounting rails
18U/22U/27U-4 horizontal beams,
32U/42U-6 horizontal beams.

Insert the horizontal beam brackets into rectangular cuts in the both frames on same height.

Secure the horizontal beams with M5 bolts (plastic bag #8)

STEP#7

Installation of the U-Mark vertical mounting rails.



Using bolts #1 and nuts #2, set the vertical U-mark mounting rails.

!!! The distance between the vertical rails is to be determined in advance based on the mounting equipment (or, the depth of the supplied fixed shelf)

STEP#8

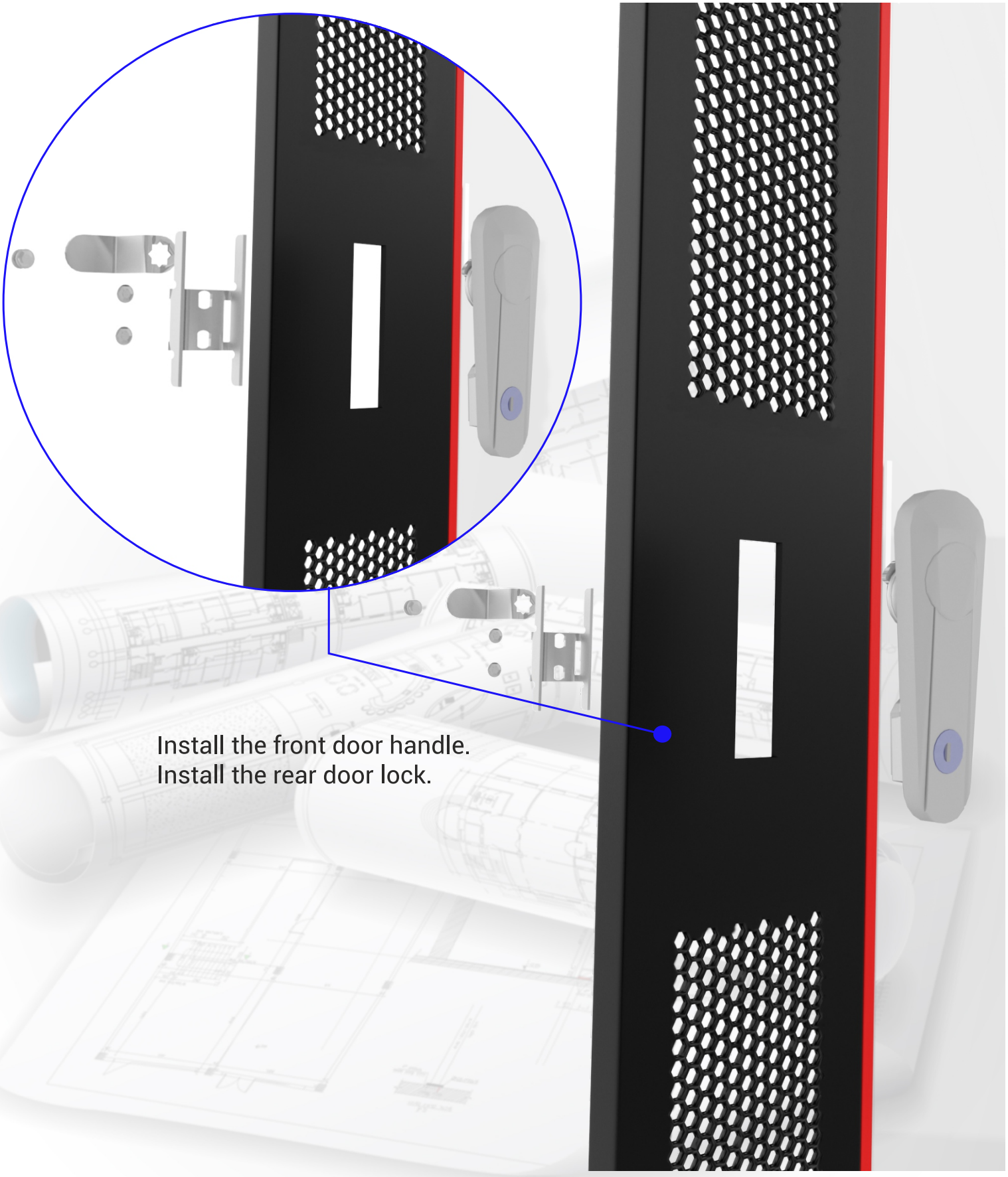
Install the side panel locks and plastic latches.

STEP#9

Insert the plastic bushings on to the metal pins on top/bottom of the front/rear doors.

Install the doors by pulling down and releasing the metal spring hinge.

STEP#10



Install the front door handle.
Install the rear door lock.

STEP#11

Screw 4 blank panels to the bottom main cable entry using the self taping screws M5.
Or, configure the cable entry entry to your needs.

Tighten all bolt connections now.

The rack is ready now!

TEMPERATURE CONVERSION TABLE

℃	F	℃	F	℃	F
1	33.8	31	87.8	61	141.8
2	35.6	32	89.6	62	143.6
3	37.4	33	91.4	63	145.4
4	39.2	34	93.2	64	147.2
5	41.0	35	95.0	65	149.0
6	42.8	36	96.8	66	150.8
7	44.6	37	98.6	67	152.6
8	46.4	38	100.4	68	154.4
9	48.2	39	102.2	69	156.2
10	50.0	40	104.0	70	158.0
11	51.8	41	105.8	71	159.8
12	53.6	42	107.6	72	161.6
13	55.4	43	109.4	73	163.4
14	57.2	44	111.2	74	165.2
15	59.0	45	113.0	75	167.0
16	60.8	46	114.8	76	168.8
17	62.6	47	116.0	77	170.6
18	64.4	48	118.4	78	172.4
19	66.2	49	120.2	79	174.2
20	68.0	50	122.0	80	176.0
21	69.8	51	123.8	81	177.8
22	71.6	52	125.6	82	179.6
23	73.4	53	127.4	83	181.4
24	75.2	54	129.2	84	183.2
25	77.0	55	131.0	85	185.0
26	78.8	56	132.8	86	186.8
27	80.6	57	134.6	87	188.6
28	82.4	58	136.4	88	190.4
29	84.2	59	138.2	89	192.2
30	86.0	60	140.0	90	194.0

CONTROL PANEL SETUP

1.Under normal operating conditions the following information is displayed (from left to right): time(in 24H format), current temperature(0-75℃) and fan symbol which represents the current fan mode.

The schematic drawing of the display is presented below:

2. How to set the current time:

Press button 1 once. The hour digits(first pair)will start blinking and the user can set the desired values with 1H increment by pressing button 3(Up) or button 4(Down).
Wait for approx. 5 sec. to memorize the value.
Press button 1 twice. The minute digits(second pair) will start blinking and the user can set the desired values with 1 min increment by pressing button 3(Up) or button 4(Down).
Wait for approx. 5sec. to memorize the value.

3. How to set the required temperature limit:

Press button 2 once. The temperature digits will start blinking and the user can set the required temperature limit within 10-50℃ interval with 0.5℃ increment by pressing button 3(Up) or button 4(Down).Wait for approx.5sec.The required temperature limit is set now.

Please, refer to the table below(chapter 5,p.2)for temperature conversion(℃ to F).

4. How it works:

When the temperature reaches the limit it will start the fans.
At the same time, the user can see a rotating fan animation on the screen. Please note that the temperature is measured by the wired probe connected to the control panel. It's a user's responsibility to place the probe properly. Failed to do that may result in incorrect measurement and/or hardware overheating.

When the temperature is exceeding the limit set by the user, the fans are rotating thus cooling the hardware. When the temperature drops lower than the limit the fans stop working.

PRODUCT LINE

SYSRACKS

Distribution of Telecommunication & IT Equipment

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