SYSRACKS

ASSEMBLY MANUAL

EN Thank you for choosing Sysracks!

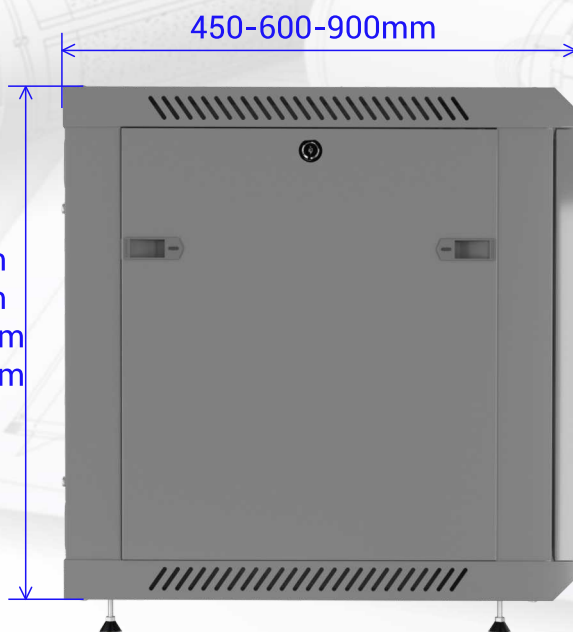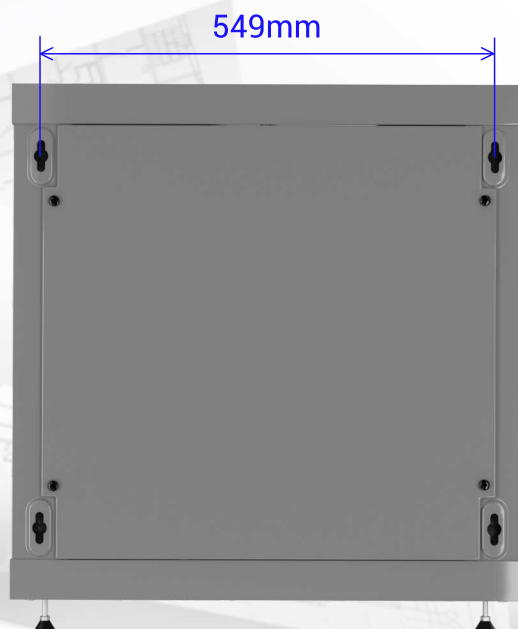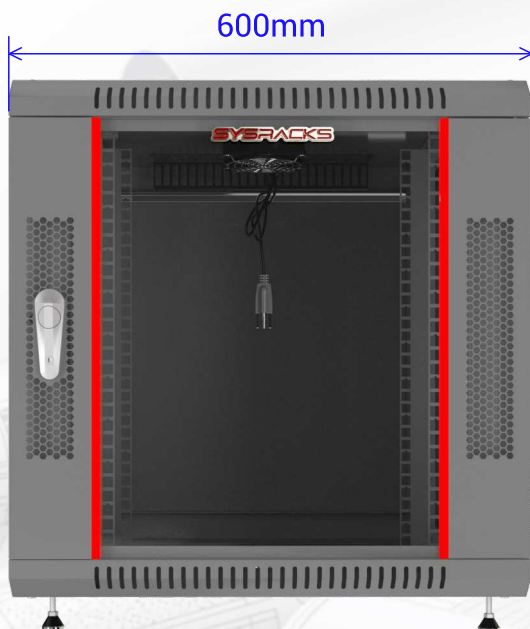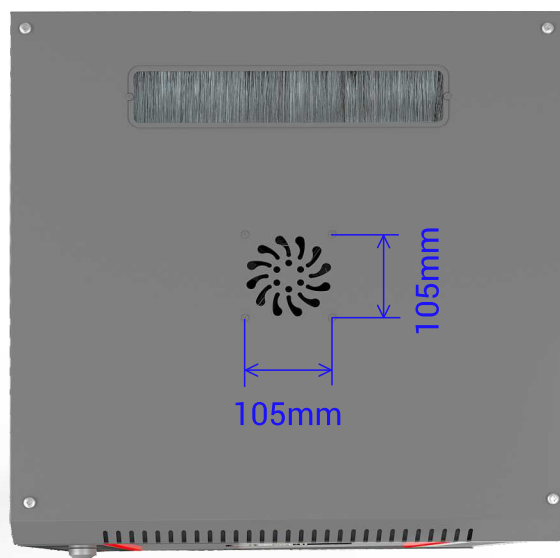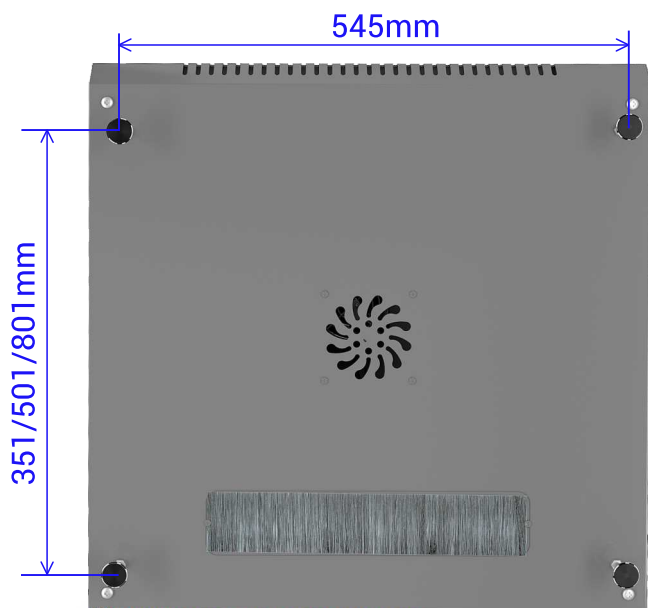We hope you will enjoy your new product and have a great time creating your next successful project! Our commitment to providing innovative and quality lines continues after a purchase. We stand behind our goods and will happily provide you with any support you may need to ensure your complete satisfaction.

In case you experience any shipping, assembly, warrantee or other OS&D (overage / shortage / damage) related issues do not proceed with the return process but contact us first. We value your trust in our team and will do our best to meet your service expectations.

Feel free to contact us anytime before deciding on Sysracks products or services.

Pre-Assembly Introduction and recommendations

1. Review the assembly manual prior to start assembly.
2. Identify all parts of the unit listed in the part list (Page 3).
3. Inspect the parts for damage in transit or missing items. If parts have arrived in unusable condition and require replacement, don't hesitate to contact the Sysracks Customer Support team and provide photos, a brief description of the issue, your order confirmation number, and your shipping address to expedite the replacement process.
4. Due to size/weight of the ready-to-assemble item, it's recommended that the assembly is done on site of its intended location when possible. Two persons are recommended to manipulate the parts/packages to avoid any injury or damage.
5. Assemble the item on a clean surface such a carpet or cardboard.
6. Please recycle the packaging only when assembly is complete to avoid accidentally discarding small parts/hardware.
7. Arrange all parts/hardware in order of use and identify the appropriate type of hardware needed at each step.
8. Keep screws from stripping its heads/threads by applying a gentle force at first. Do not use power tools when possible.
9. Make sure you align the parts properly before tightening up the hardware. Do not overtight.
10. For wall-mount usage of the cabinet, you must securely mount it on the wall before installing equipment. We recommend a periodic technical checkup of the mounted rack.
11. Depending on the wall type, choose the appropriate wall mount tools and hardware (such as anchors, mounting kit, etc.).
12. Ensure the wall type (concrete, wood studs, plywood, etc.) and surface condition guarantee secure product usage.
13. Do not exceed the maximum recommended weight distributed evenly over the cabinet.
14. Choking Hazard: small parts. Keep away from children and pets.
15. Limitation of Liability: In no event shall Sysracks Inc. or its subsidiary parties be held liable for any, including without limitation direct, indirect damages, injuries, loss of business potential profit or interruption of business, or other loss arising out of the use or inability to use this product even if the seller is aware of the possibility of such damages.

545mm

351/501/801mm

105mm

105mm

600mm

549mm

450-600-900mm

6U-368mm
9U-501mm
12U-635mm
15U-769mm

HARDWARE LIST

SLOT/BAG#	DESCRIPTION	PHOTO	APPLICATION	QUANTITY-pcs
1	M6 - Self-tapping Screws		STEP 1- Main Frames/Top/Bottom	x16
2	M6 - Screws / Cage Nuts / Nuts		STEP 2 - Vertical U-mark Rails (Screws + Cage Nuts) STEP 3 - Shelf Installation (Screws + Nuts) STEP 6 - Casters for 18U/22U/27U* (Screws + Nuts)	**SCREWS** -x12 (6U-12U) x16 (15U) x32 (18U-27U) **CAGE NUTS** - x8 **NUTS** - x4 (6U-12U) x8 (15U) x24 (18U-27U)
3	Side panels Locks / Keys		STEP 5 - Side Panels	x2
4	M4 - Self-tapping Screws		STEP 4 - Rear Panel	x4
5	Plastic Bushings / Adjusting Washers		STEP 8 - Front Door Installation	x2
6	M6 - Mounting Hardware		User Equipment Installation (Silver Screws + Cage Nuts)	x20+x20
	Levelers - Feet			x4
	Casters			x4
	Side Panel plastic Latch		Side Panels (Preinstalled)	x4
	Front Door Locking Mechanism		Front Door	x1

PARTS LIST

PART #	DESCRIPTION	QUANTITY
1	Top	x1
2	Bottom	x1
3	Main Frames	x2
4	Side Panels	x2
5	Rear Panel	x1
6	Front Door	x1
7	U-Mark Vertical Mounting Rails	x4
8	Shelf	x1 6U-12U x2 15U-27U
9	Dust-tight Cable Entry (Preinstalled)	x2
10	Cooling Fan (Preinstalled)	x1
11	PDU - Power Distribution Unit - 8 Outlets	x1

Assembly video guide

YouTube

Type in YouTube search bar:
Sysracks Assembly Manual

600mm

549mm

450/600mm

901mm
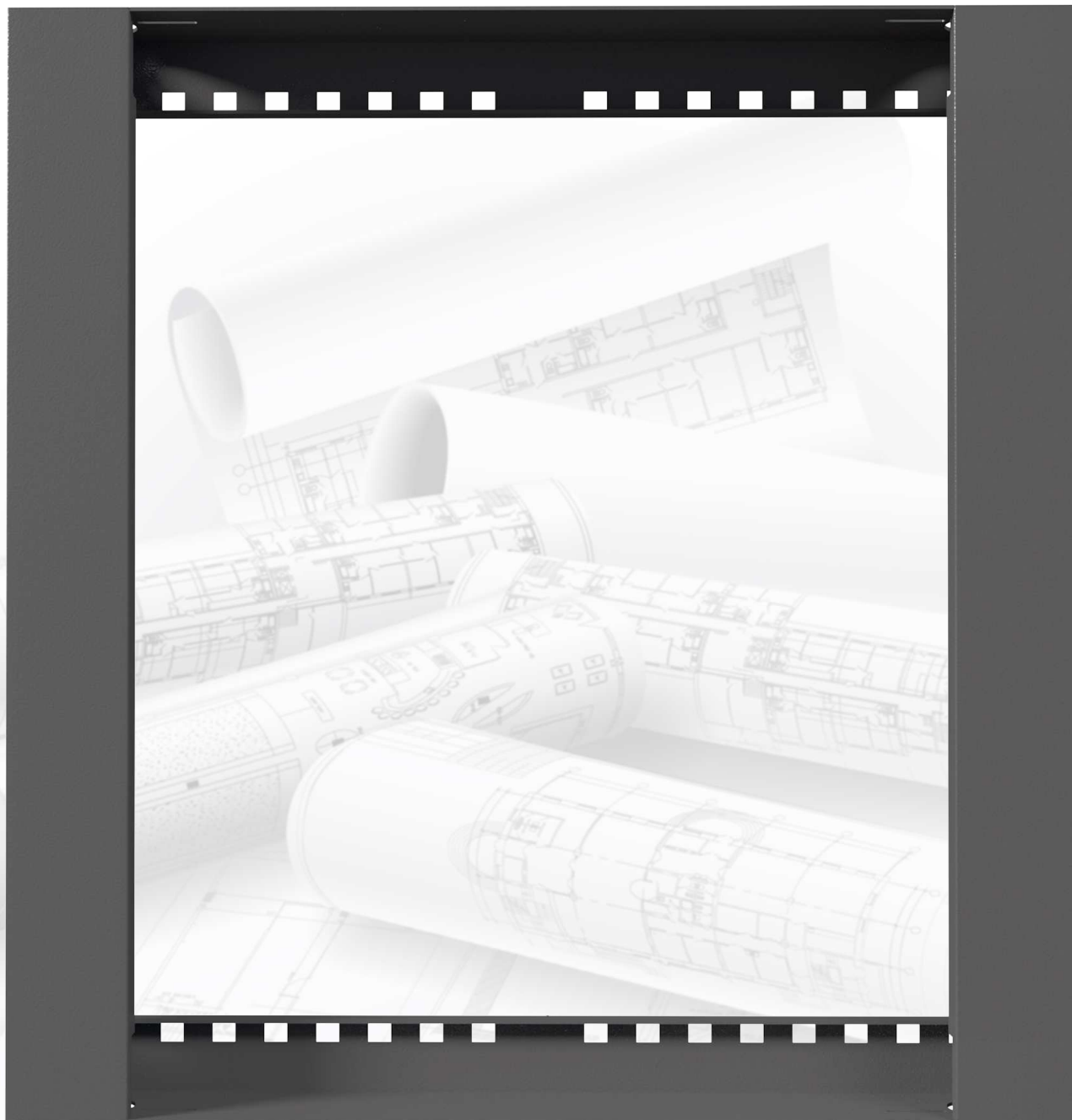
18U- 901mm
22U-1079mm
27U-1302mm

Preliminary Steps

A) IDENTIFY TWO RECTANGULAR FRAMES WITH SIDE PANELS

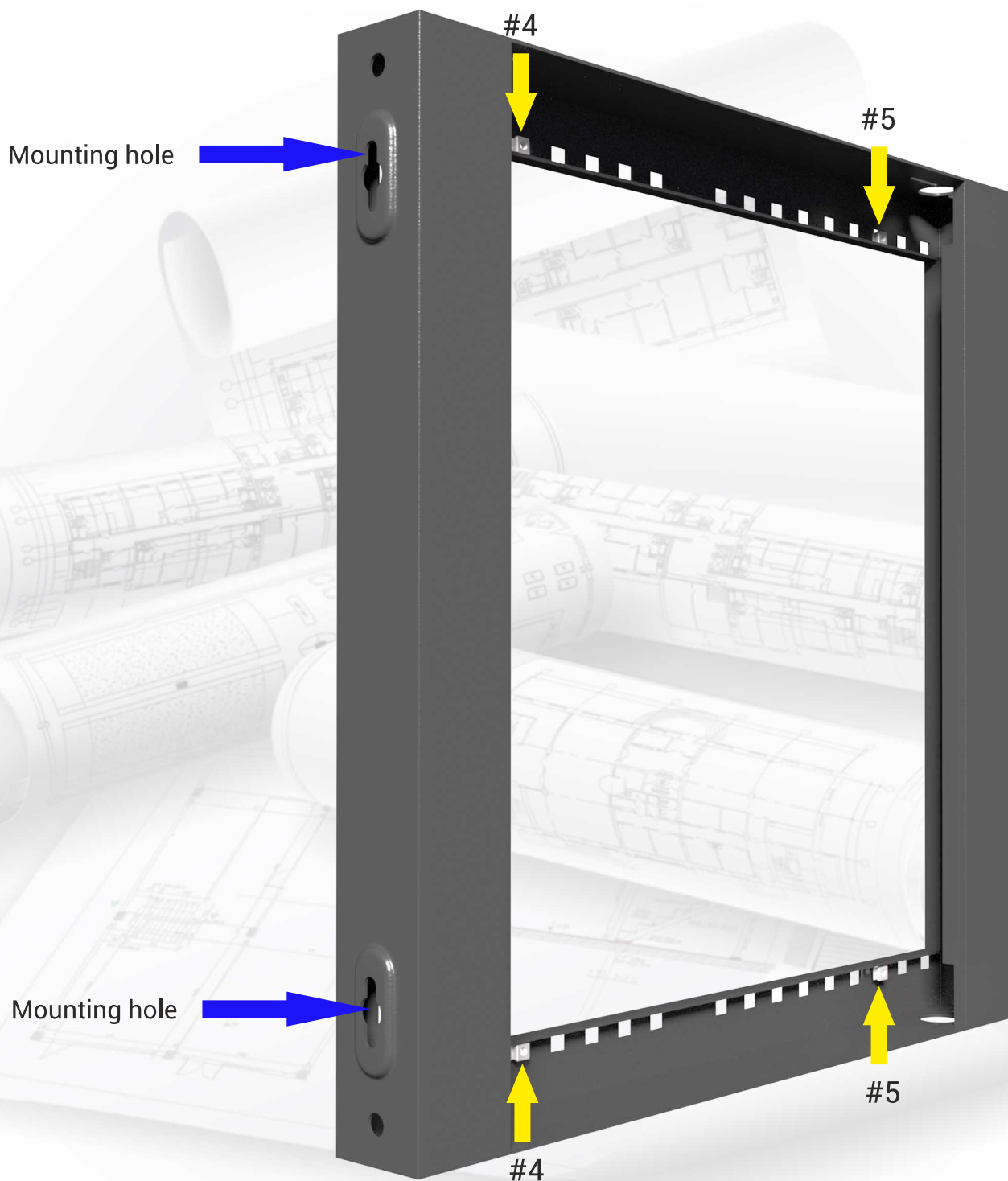## B) REMOVE THE SIDE PANEL FROM EACH FRAME

IMPORTANT NOTE: Both frames and panels are identical, i.e. no either left or right frame or panel exist! Each frame or panel can be installed at any side just by turn / rotation if necessary.
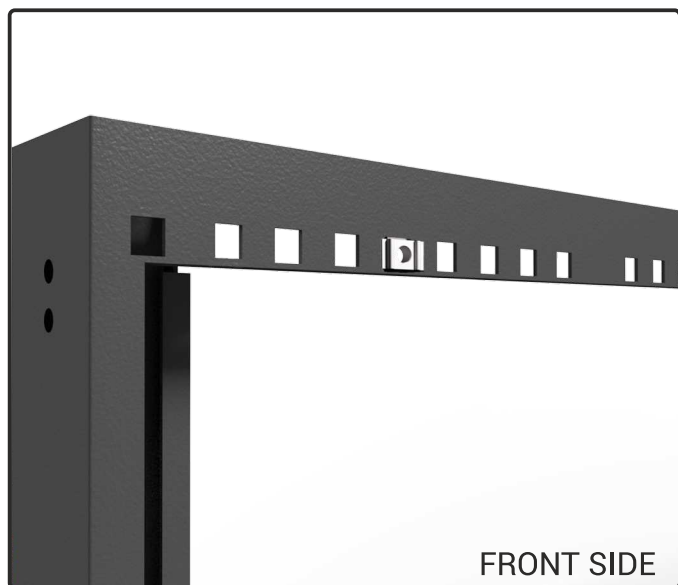
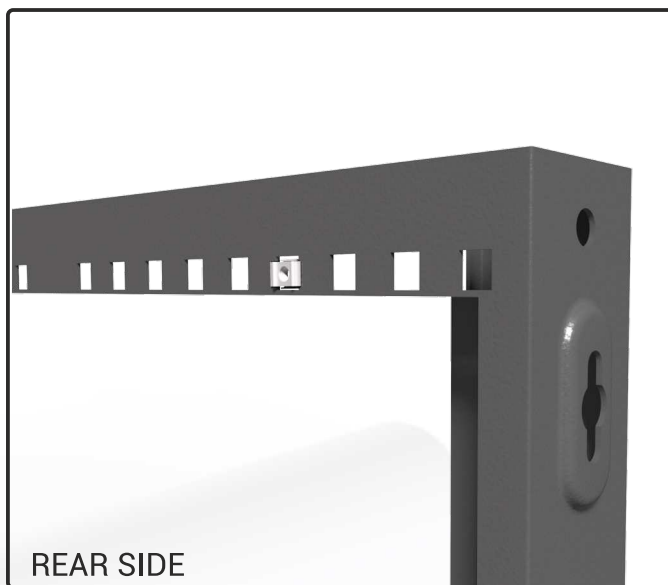**EN** **C) INSERT M6 CAGE NUTS (Bag #6) INTO PRE-CUT RECTANGULAR HOLES ON EACH FRAME.**

You need to install 4 cage nuts per EACH frame. Two cage nuts at the front side must be installed in the holes at 5th position starting from the end and two cage nuts at the rear side must be installed in the holes at 4th position starting from the end.
The rear side can be identified by presence of oval mounting holes as shown in the picture below:
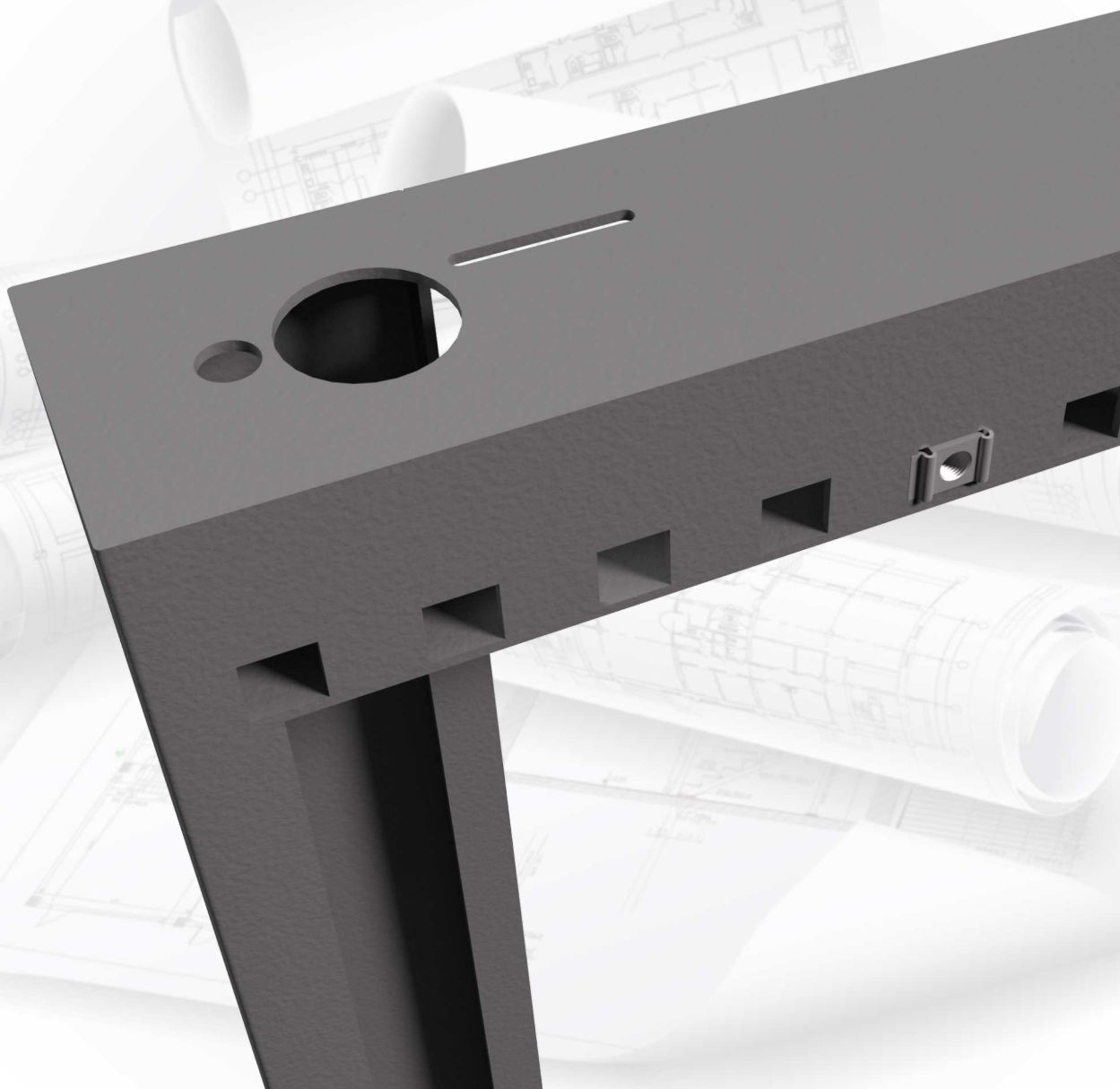

#4

#5

Mounting hole

Mounting hole

#5

#4

FRONT SIDE | REAR SIDE

Make sure that the cage nuts are installed as shown in the example below:
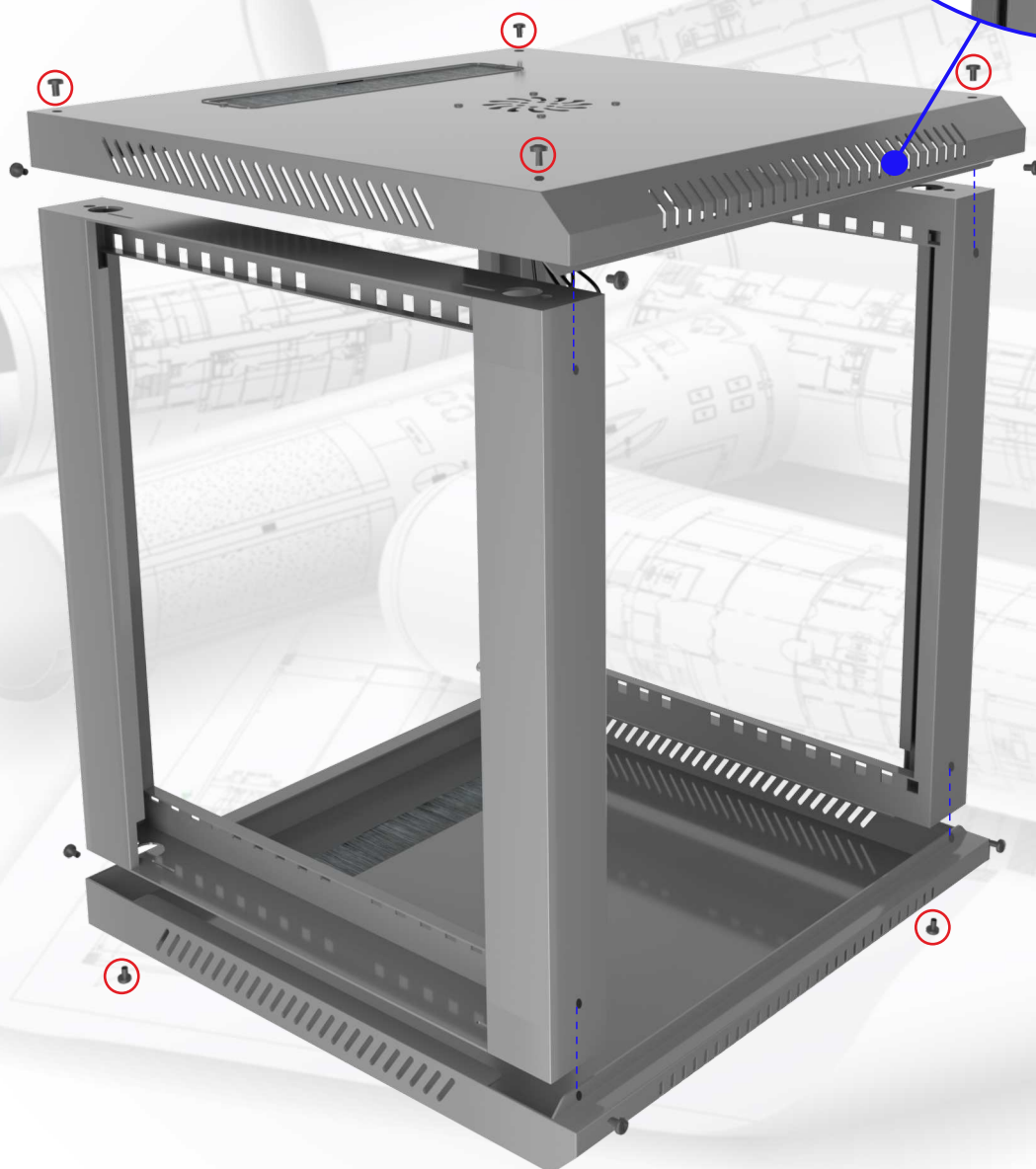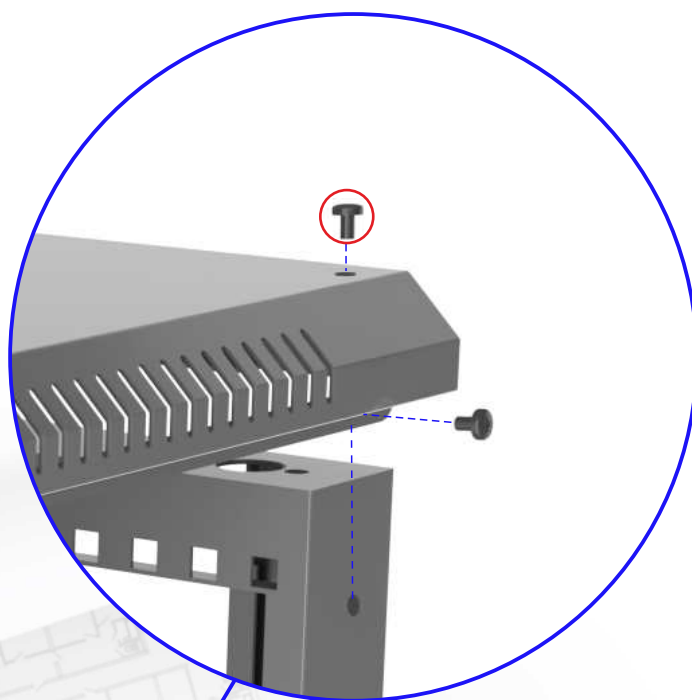
EN STEP#1

Fix together Top (1), Bottom (2), and Frames (3) into a single structure using self-tapping screws M6 (Bag #1). The square perforated holes on each frame should face each other inside the cabinet.
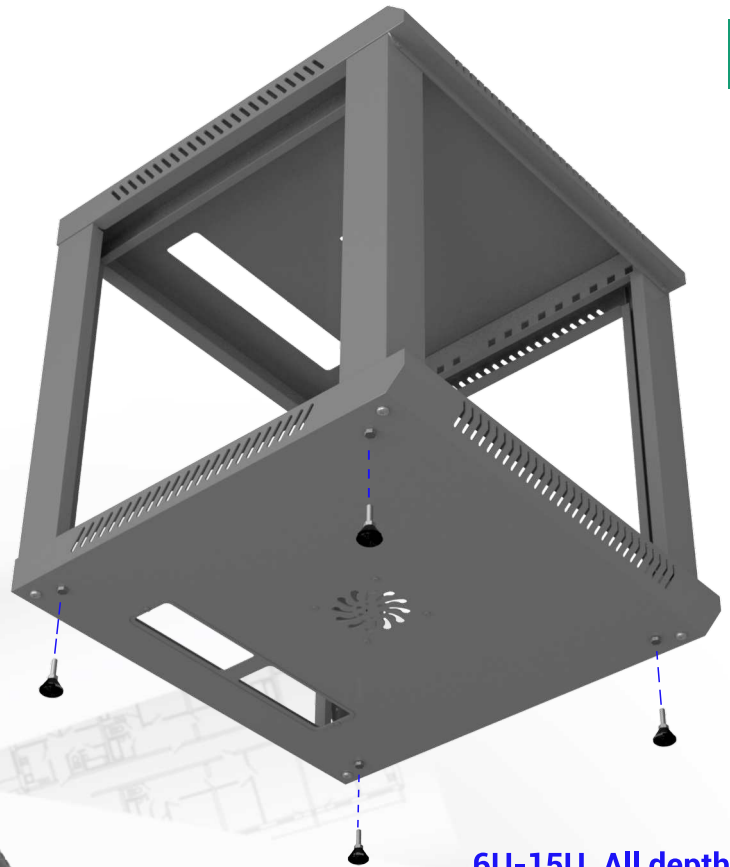
IMPORTANT!!!

The self-tapping screws marked with red circles must be screwed at first. This will guarantee a proper positioning of top/bottom and both frames
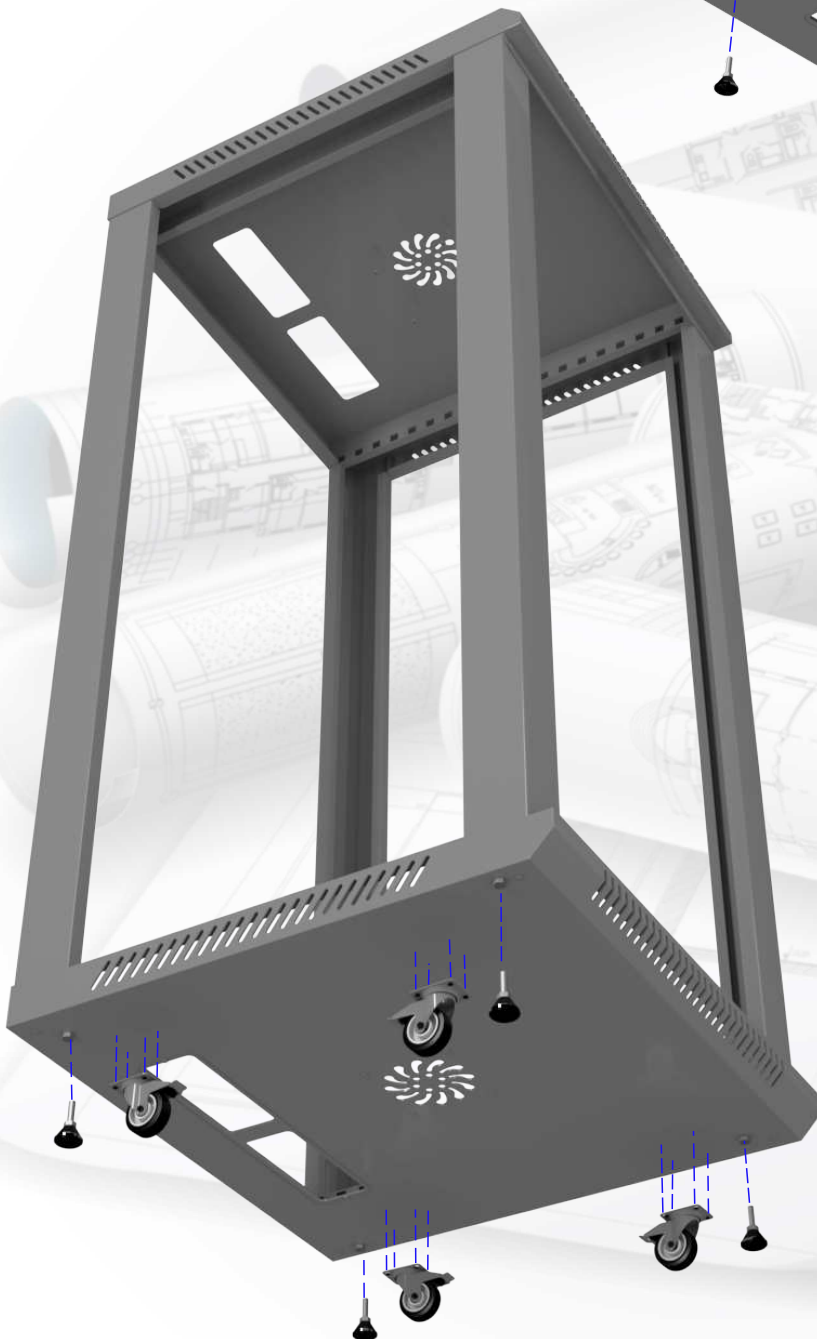
STEP#2

A. For 6U-15U models. Install the Leveling feet

6U-15U. All depths

18-27U All depths
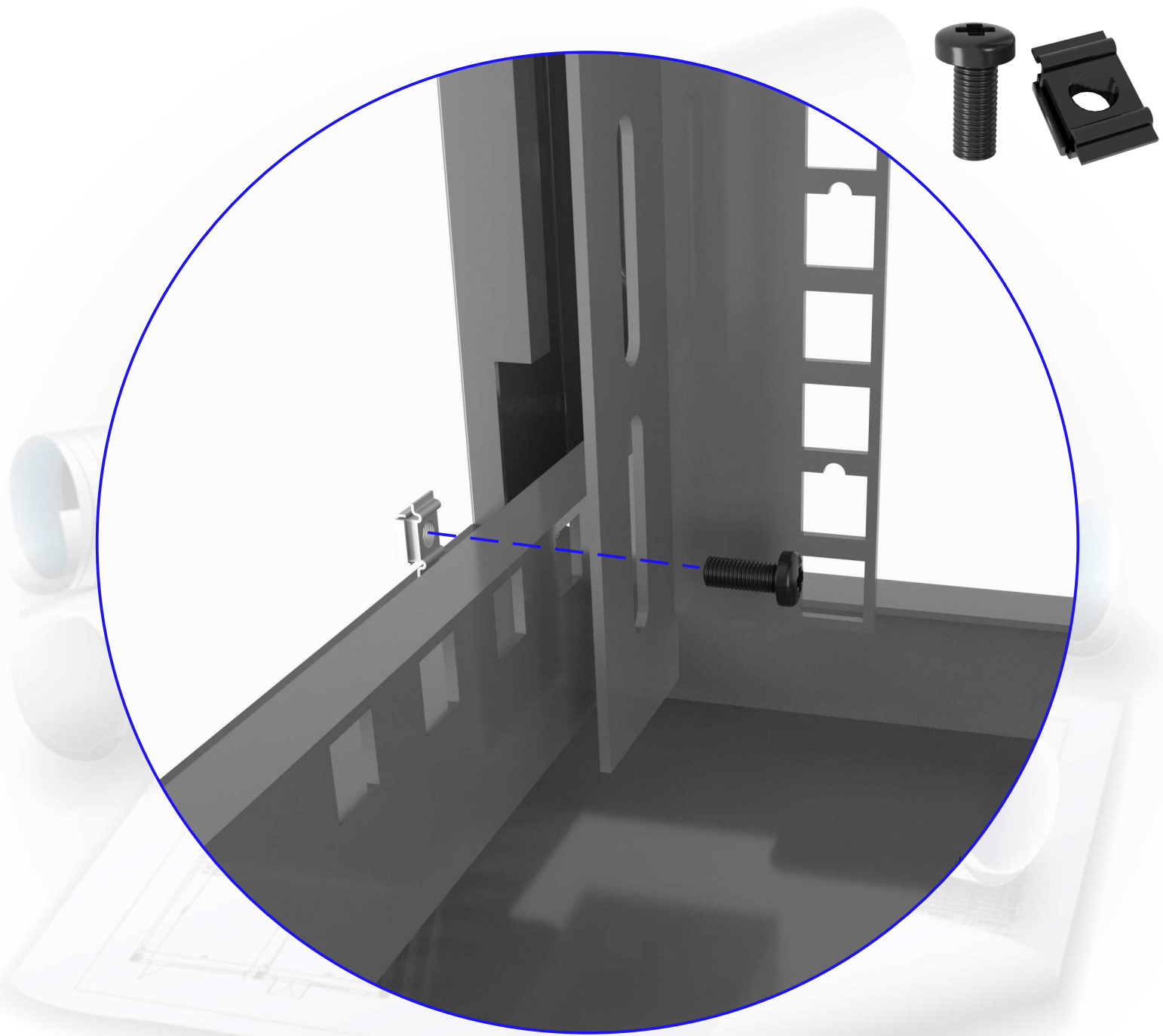**12-15U. (35"(900mm) depth)**

B. For 18U-27U and 12U/15U – 35" depth models. Install casters using the M6 screws / nuts (Bag #2).

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EN STEP#3

A. Attach the U-Mark vertical mounting rails (7) to the square holes of the frames using M6 screws and cage nuts (Bag #2). The distance between the Front and Rear U-Mark Vertical Rails is determined based on the installing equipment OR supplied shelves (in case equipment will be installed on shelves).
B. To install the supplied shelves (8), the front mounting U-Mark rails are to be installed at the 5th (front) and 4th (rear) mounting holes from each end at the top and bottom.
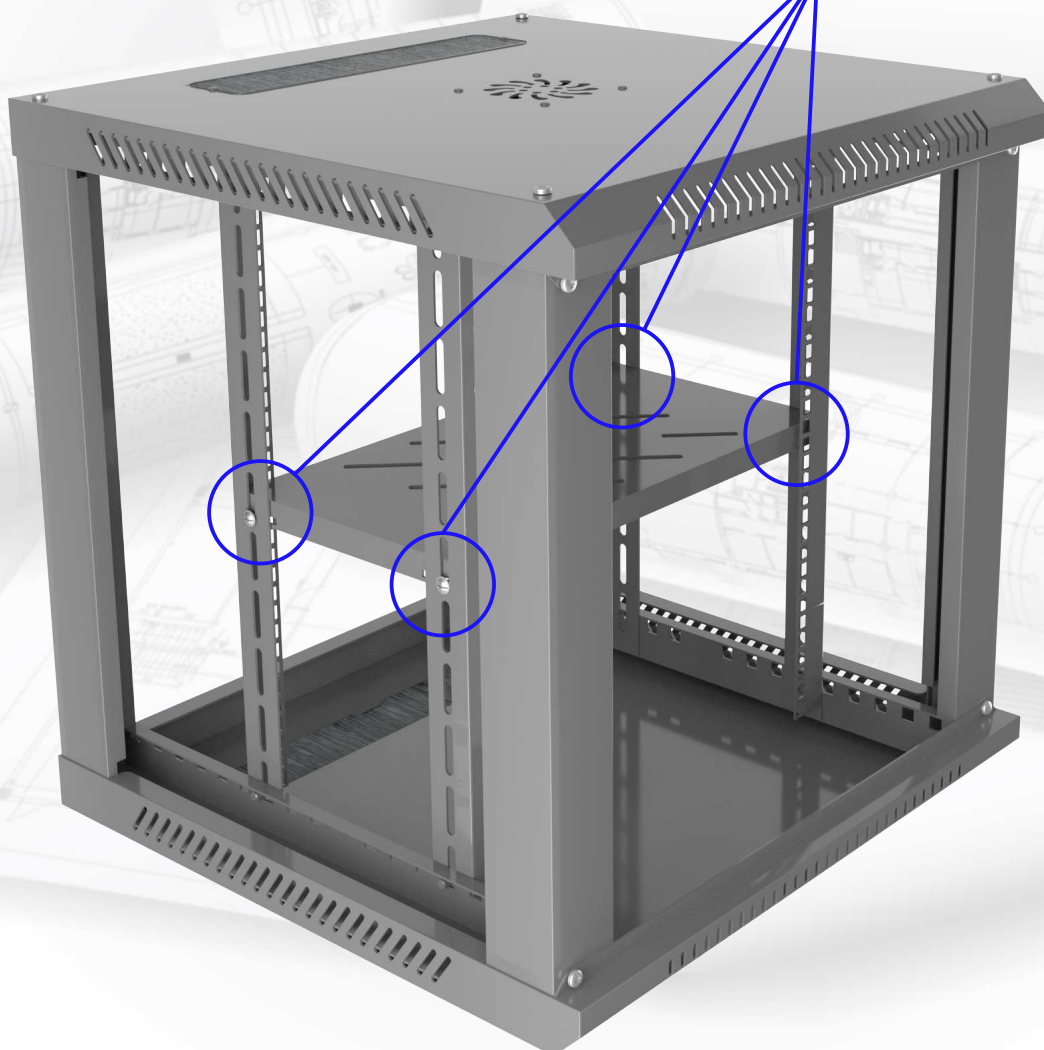

YouTube assembly video guide can be found by entering the following keywords: "Sysracks wall mount".

STEP#4

Install the shelves (8) at desired height using M6 screws and nuts (Bag #2).
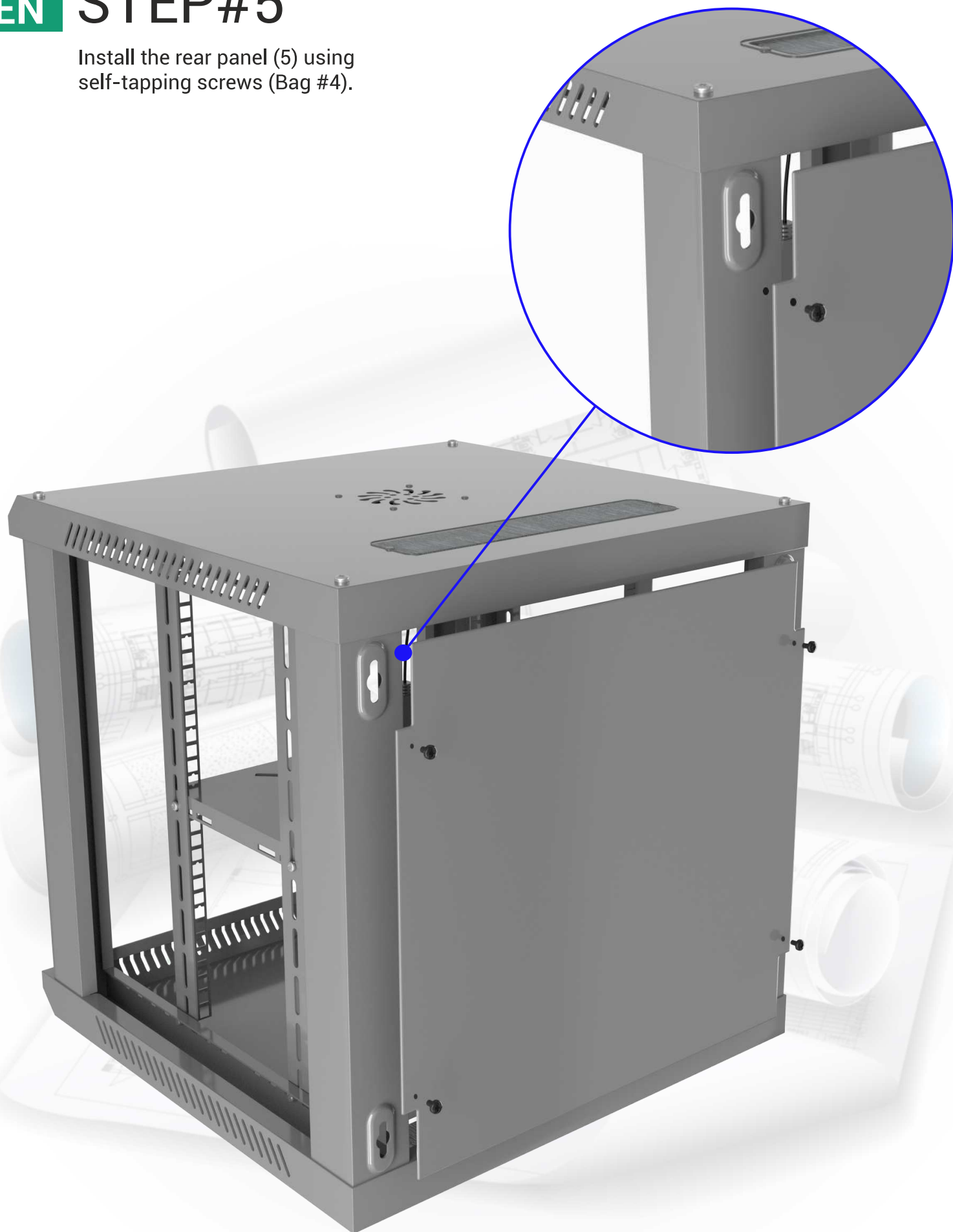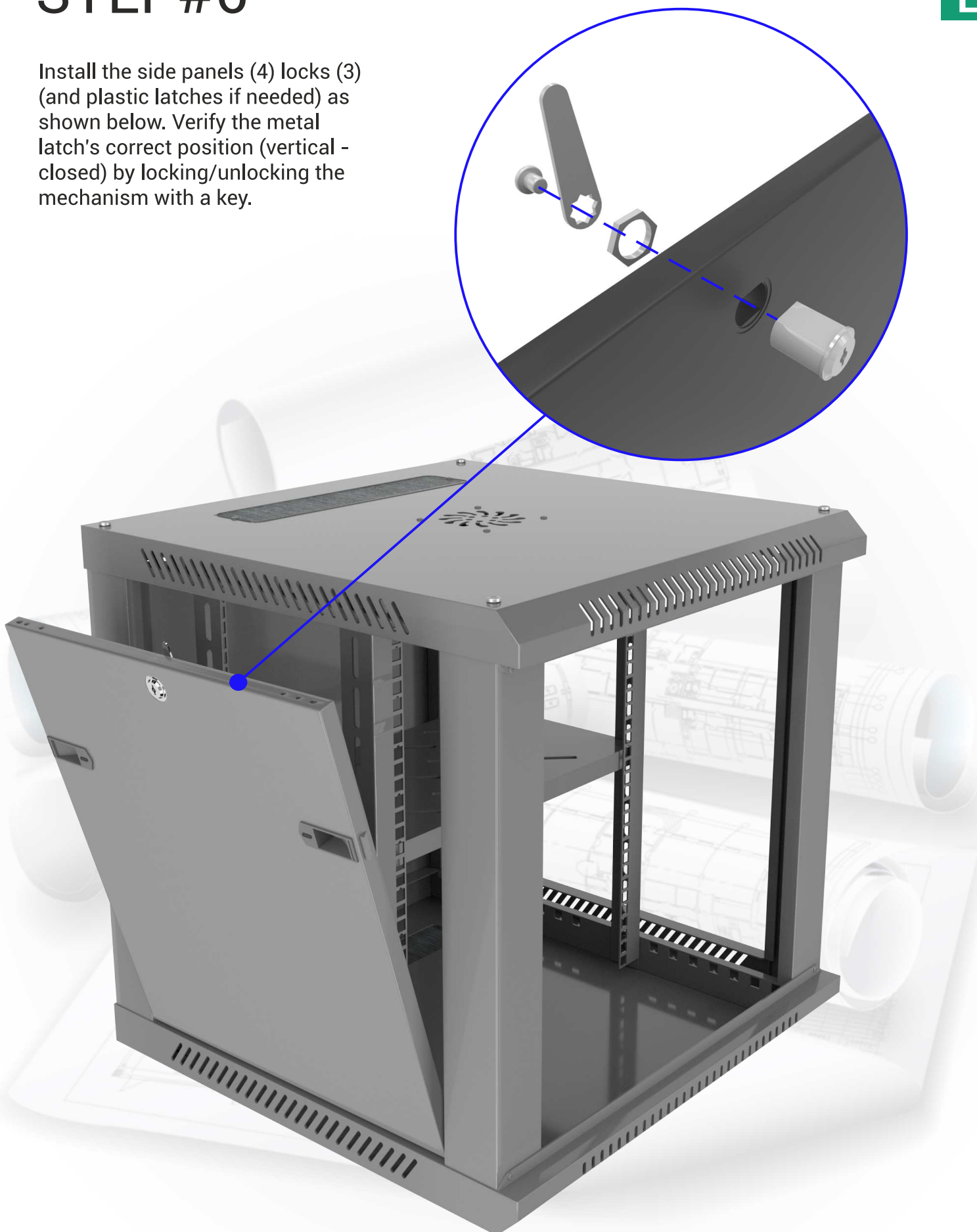Proceed to Step #5 if no shelves are required in the project.

EN STEP#5

Install the rear panel (5) using
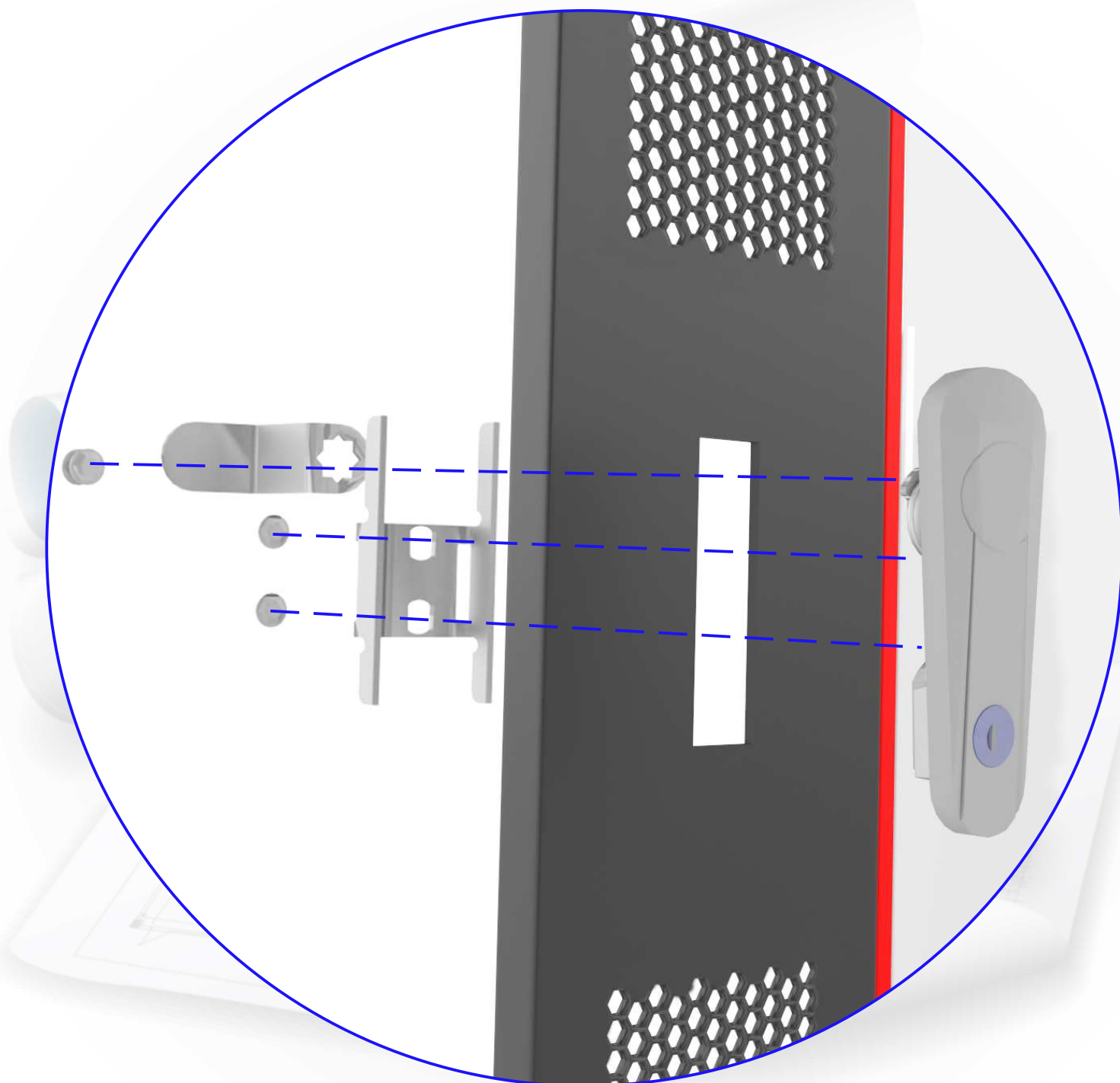self-tapping screws (Bag #4).

STEP#6

Install the side panels (4) locks (3) (and plastic latches if needed) as shown below. Verify the metal latch's correct position (vertical - closed) by locking/unlocking the mechanism with a key.

STEP#7

Install the front door locking mechanism as shown below. Verify correct position of metal latch (horizontal - closed) by locking/unlocking the handle mechanism with a key.
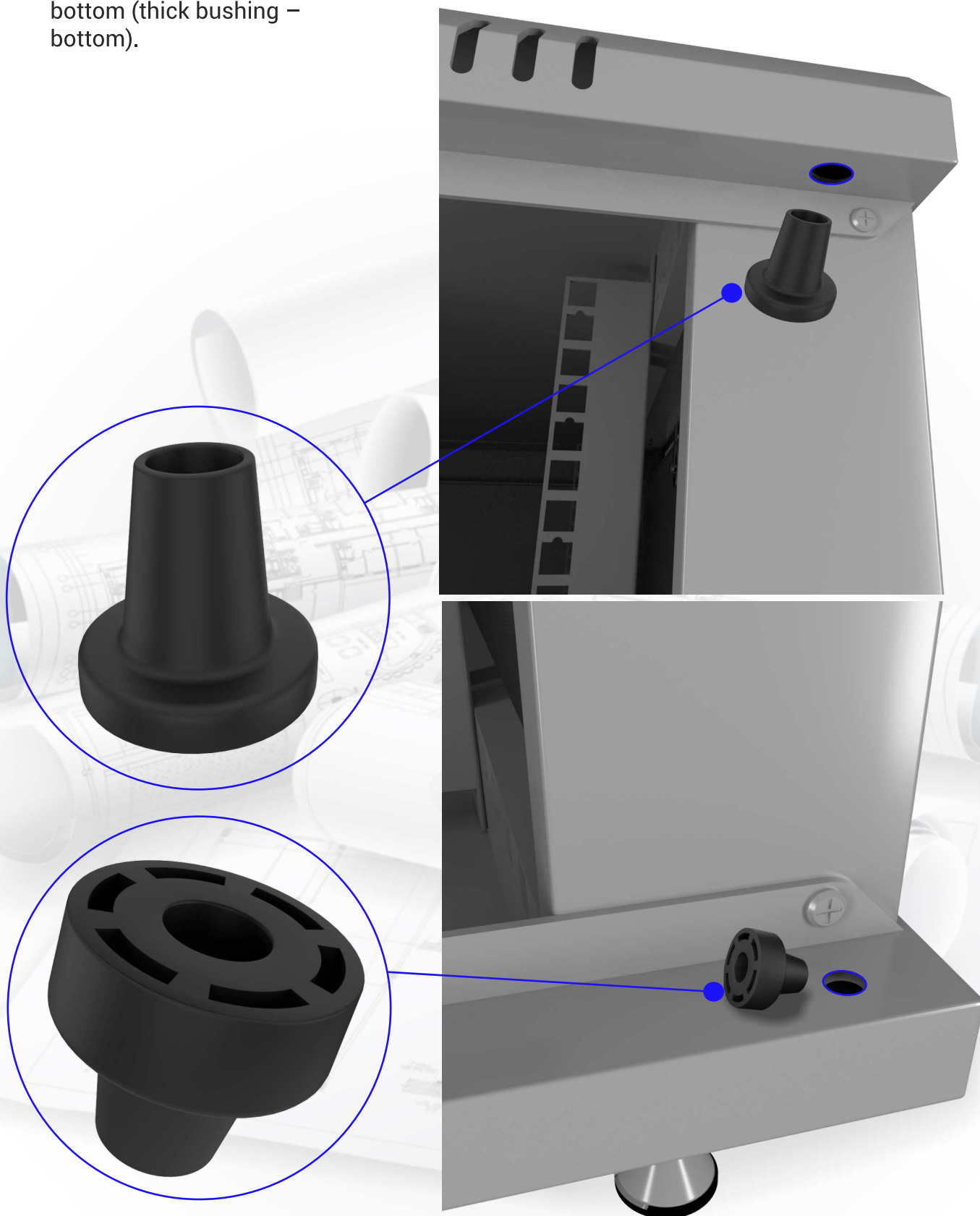
Remove two screws securing the H-shaped retaining plate. Carefully place the locking mechanism inside the rectangular pre-cut lock hole in the door, install the H-shaped retaining plate and secure it with two screws. Hold the lock handle with your hands preventing it from falling out, remove the screw securing the adjusting washers and install the metal lock latch. Carefully set the securing screw in place. When the lock handle is in the default (closed) position (at 6 o'clock position), the metal lock latch should be set to the 9 o'clock position when viewed from the door front.

STEP#8

Insert the plastic bushings
(Bag #5) into the hinge
holes at the top and
bottom (thick bushing –
bottom).

EN STEP#9

Holding the door (6), insert the lower spring loaded hinge (latch) into the plastic bushing at the bottom. Pull down the upper spring-loaded hinge and release it after inserting it into the top plastic bushing.

Note. Use adjusting washers (Bag #5) to level the front door if needed.

Side panels

PRODUCT LINE

SYSRACKS

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