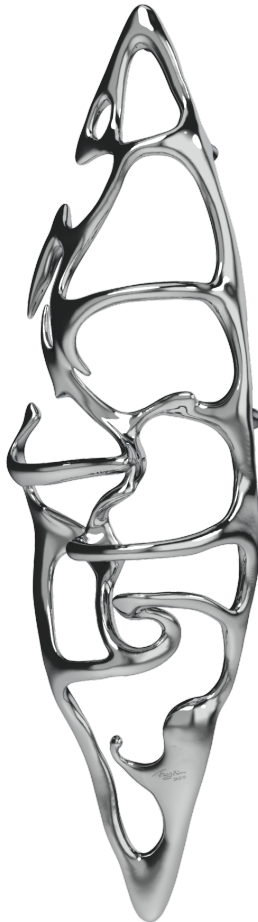


# Installation Guide

## Towel Warmers

### **S1** Boat of Sage



Electrical rough-in  
VERSION

# **IMPORTANT SAFETY INSTRUCTIONS**

When using this electrical equipment, basic safety precautions should always be followed, including the following:

READ ALL FOLLOW INSTRUCTIONS

CAUTION: Do not use near water, bathtub, sink or any other container.

CAUTION: Hot Surface. Avoid Contact.

CAUTION: To provide continued protection against risk of electric shock, connect to properly grounded outlets only.

WARNING - To reduce the risk of injury, do not permit children to use this product.

Children should be supervised to ensure that they do not play with the appliance.

The max load allowed to be putted on this appliance is 10kg.

## **SAVE THESE INSTRUCTIONS**

# Contents

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|                                         |    |
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| Safety Hazard Prevention Measures ..... | 01 |
| Product Related Information .....       | 02 |
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### Instructions for safety

Please read all the contents of this manual carefully before using this product.

- Keep this manual safe.
- Any installation or operation not in accordance with the instructions may result in serious injury, property damage or damage to the product itself.



### NOTE

- This appliance must be installed by a qualified and licensed electrician and in accordance with all applicable electrical codes.
  - Avoid using abrasive cleaning agents or those containing ammonia to clean the surface of the product, it is recommended to clean it with warm water and dry with a microfiber cloth..
  - To avoid potential injury to infants or young children, appliances should be installed so that the lowest heated towel rack (or control section) is at least 24 inches from the floor.
  - The product connection must be grounded reliably.
  - Do not install switches or fuses on ground wires and neutral wires, and do not connect ground wires to water mains, gas pipes or heating pipes.
  - This appliance must be installed by a qualified and licensed electrician and in accordance with all applicable electrical codes.
  - Prolonged contact with skin may cause burns even at a low temperature.
  - Do not remove the labels on the upper and lower legs before installation.
  - The appliance is intended for indoor use as a room heater and for the heating and drying towels or similar textiles. It is not intended to come in contact with corrosive materials. When the appliance is in operation, please use care when placing delicates, silk, or acrylic textiles as the appliance reaches high temperatures when covered.
  - Do not use water to extinguish a fire before the power is off.
  - The appliance must not be placed directly under an electrical outlet. Keep the appliance a reasonable distance from water sources (a minimum of 24 inches as required by code).
- Do not use an electric towel rack if you notice any of the following, or if you are concerned about other safety issues. An explosion, a hissing sound, or a strong smell or smoke coming from inside the towel rack. These conditions generally occur when an internal electronic component fails in safe and controllable mode. However, the occurrence of these situations in general may also indicate that there is a security risk. Do not assume a safety failure, turn off the towel rack, and disconnect the power supply at the service panel. Immediately contact the seller and a qualified and certified electrician to inspect the appliance before using again. and then contact the relevant technical support department for help.

### Maintenance & Repair

- All repairs must be performed by a qualified and licensed electrician.
- Turn off the power after each use.
- It is not recommended to keep the appliance idle and in the off position for extended periods of time between use as it may result in the accumulation of moisture inside the appliance negatively impacting the insulation.
- If the power supply cord is damaged, it must be replaced by the manufacturer, its service agent, or similarly qualified personnel in order to avoid a hazard.
- The on/off control should be placed in the off position before the electrical appliance connected to power on for trial operation. Power on, commissioning, shutdown and other processes should be strictly in accordance with the instructions contained herein, Power off after the occurrence of any abnormal phenomena, and immediately contact the seller.

PRODUCT RELATED INFORMATION

|                 |              |
|-----------------|--------------|
| Product number  | S1           |
| Rated voltage   | 120V         |
| Rated frequency | 60Hz         |
| Rated power     | L-136W/M-87W |

BILL OF MATERIAL

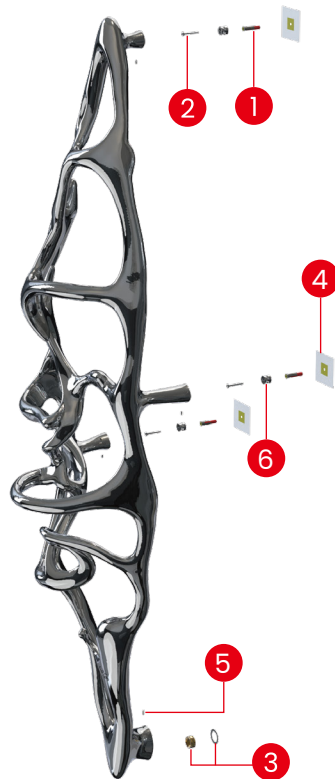
Main Body Accessories

|   |                                                                                   |    |   |                                                                                   |    |   |                                                                                   |    |   |                                                                                   |    |
|---|-----------------------------------------------------------------------------------|----|---|-----------------------------------------------------------------------------------|----|---|-----------------------------------------------------------------------------------|----|---|-----------------------------------------------------------------------------------|----|
| 1 |  | X3 | 2 |  | X3 | 3 |  | X1 | 4 |  | X3 |
| 5 |  | X4 | 6 |  | X3 | 7 |  | X1 | 8 |  | X1 |

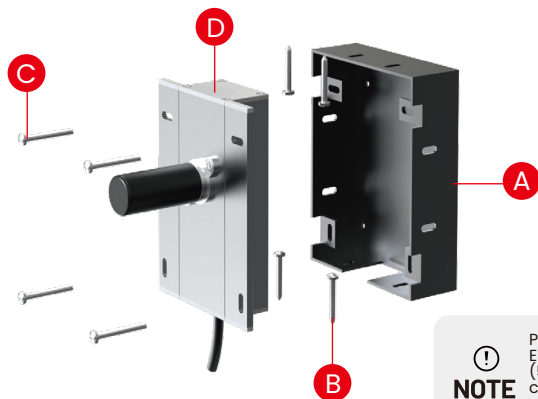
Electrical Rough-In Accessories

|   |                                                                                     |    |   |                                                                                     |    |   |                                                                                     |    |   |                                                                                     |    |
|---|-------------------------------------------------------------------------------------|----|---|-------------------------------------------------------------------------------------|----|---|-------------------------------------------------------------------------------------|----|---|-------------------------------------------------------------------------------------|----|
| A |  | X1 | B |  | X4 | C |  | X4 | D |  | X1 |
|---|-------------------------------------------------------------------------------------|----|---|-------------------------------------------------------------------------------------|----|---|-------------------------------------------------------------------------------------|----|---|-------------------------------------------------------------------------------------|----|

Product Parts List



Electrical Rough-In(EMB05) Parts List

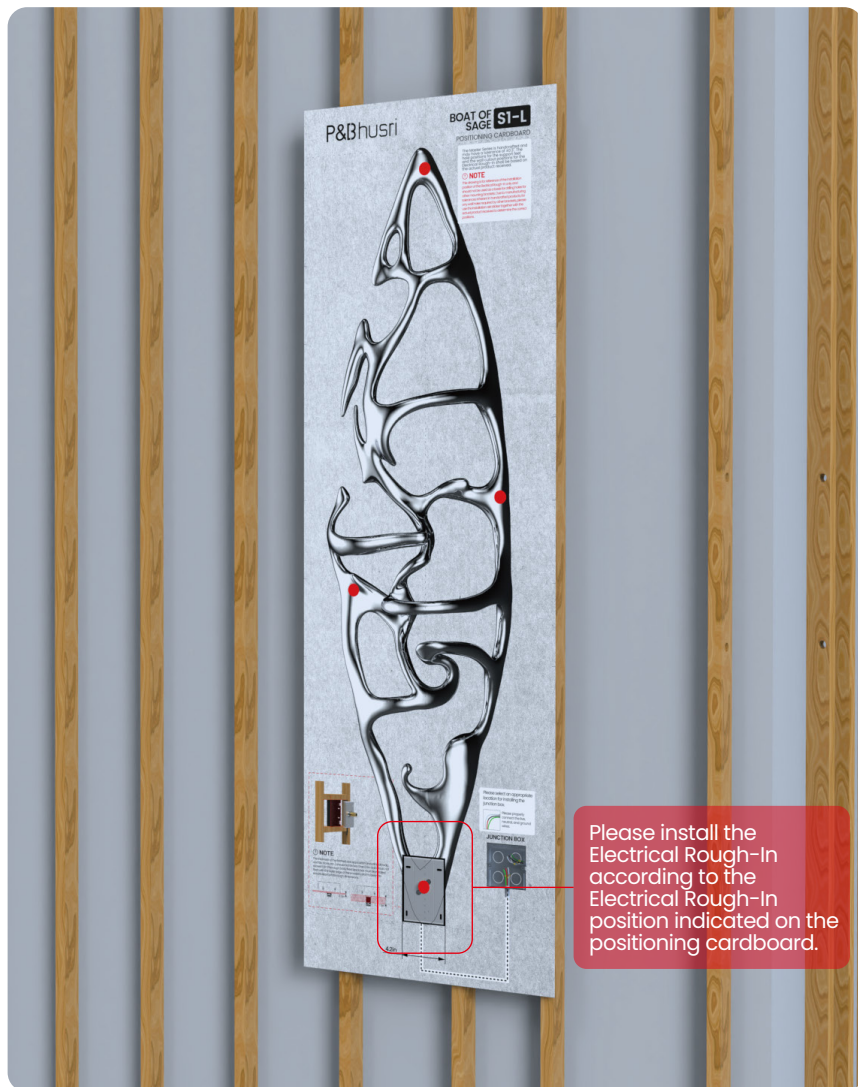


NOTE

Please specify when ordering EMB05-2 (2 meter cord), EMB05-5 (5 meter cord), EMB05-10 (10 meter cord), and EMB05-15 (15 meter cord).

### 1 Electrical rough-in positioning

Use the positioning cardboard to determine the product installation location and the Electrical Rough-In installation location.



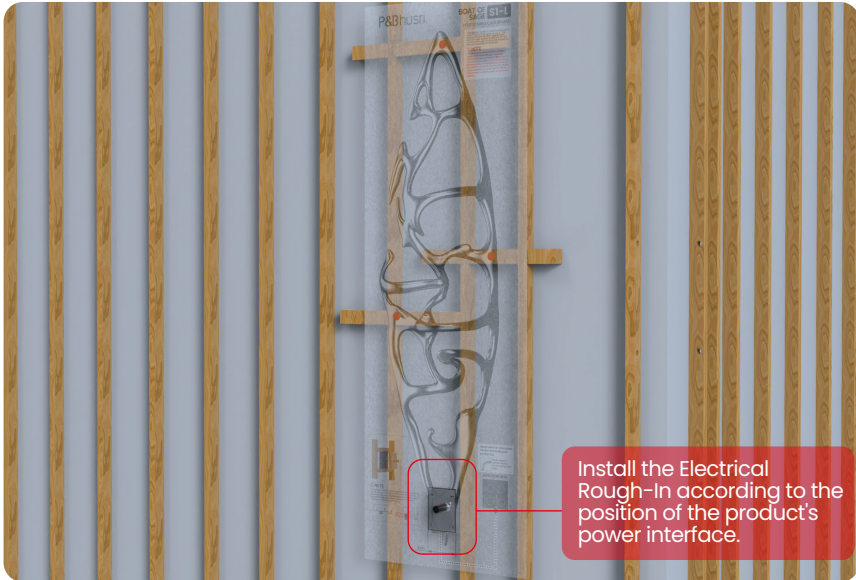
### 2 Determine the installation position of the electrical rough-in



#### NOTE

For non-load-bearing walls, install reinforcement beams corresponding to the product's foot locations. The reinforcement beam must not exceed the depth of the vertical beam.

Use the positioning cardboard to determine the product installation location and the installation location of the Electrical Rough-In, and install reinforcement beams at all fixing foot positions.



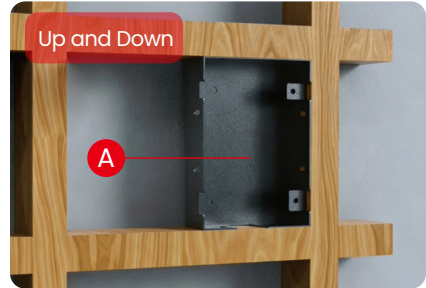
The depth of the reinforcement beam must not exceed the depth of the wall stud.



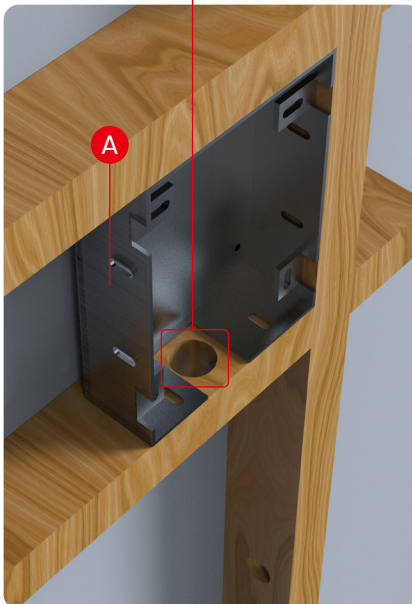
### 3 Install the fixed back box

**NOTE**  Depending on site conditions, select the appropriate direction and reinforce using wooden blocks. This method is applicable for all directions (Up, Down, Left, Right).

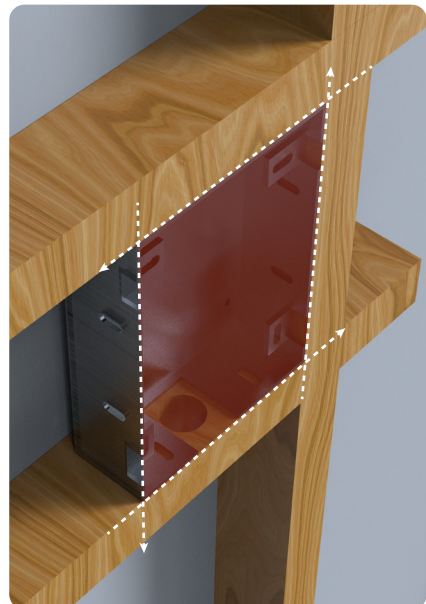
Select the appropriate orientation for securing the fixed back box according to site conditions.



Drill a hole at the power cord location of the Electrical Rough-In.



**NOTE**  The Rough Body Fixed Black Box Must Be Installed Flush With the Exterior Edge Of The Wood Studs/Cross Beams To Ensure Proper Rough-In Dimension.



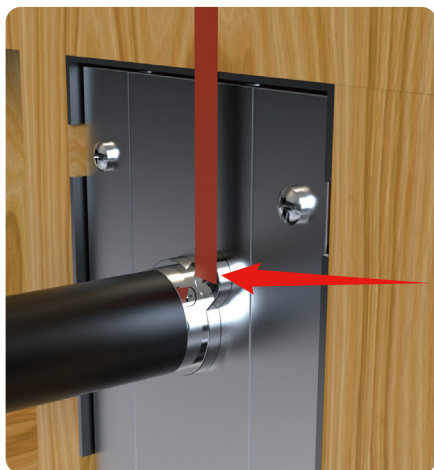
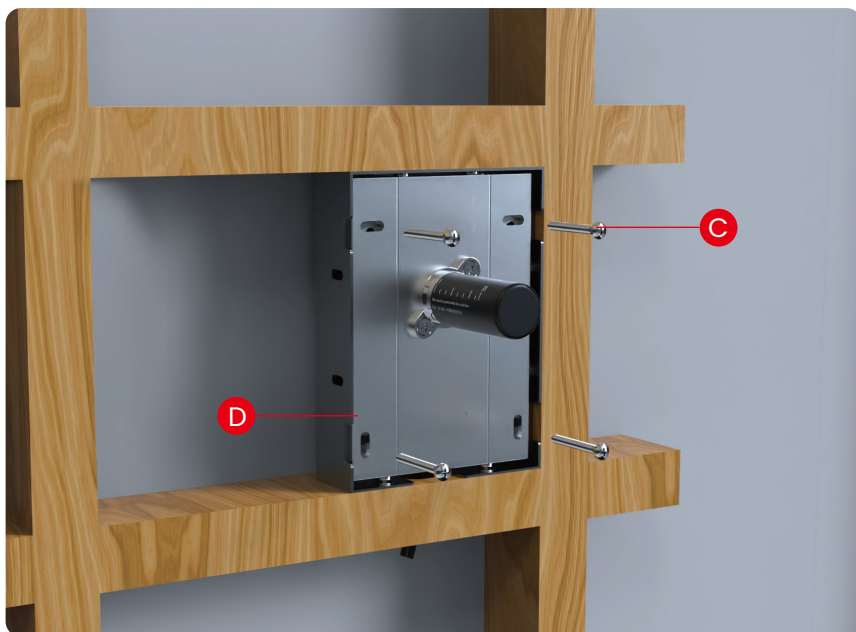
### 4 Secure the fixed back box

Secure the fixed back box with screws.



### 5 Install the electrical rough-in

Secure the Electrical Rough-In to the back box with screws.



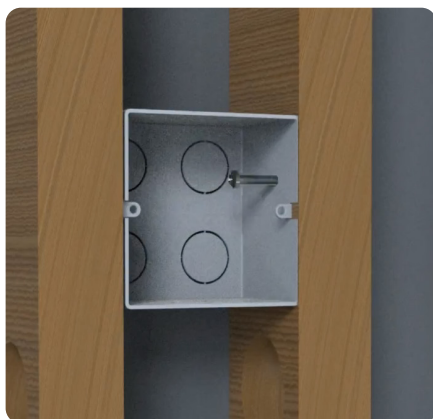
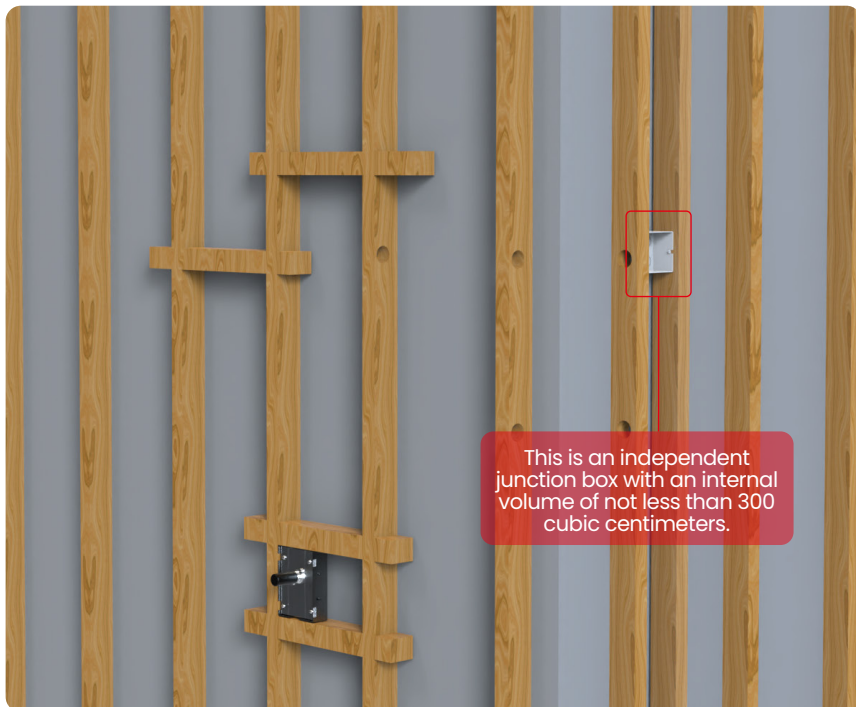
#### ⚠ NOTE

The installation position of the Electrical Rough-In should be determined based on the actual location of the product's power foot.

After installation, the Electrical Rough-In should be flush with the wooden block.

### 5 Install junction box

Install a junction box in line from the fixed black box to be used as the electrical connection access point.

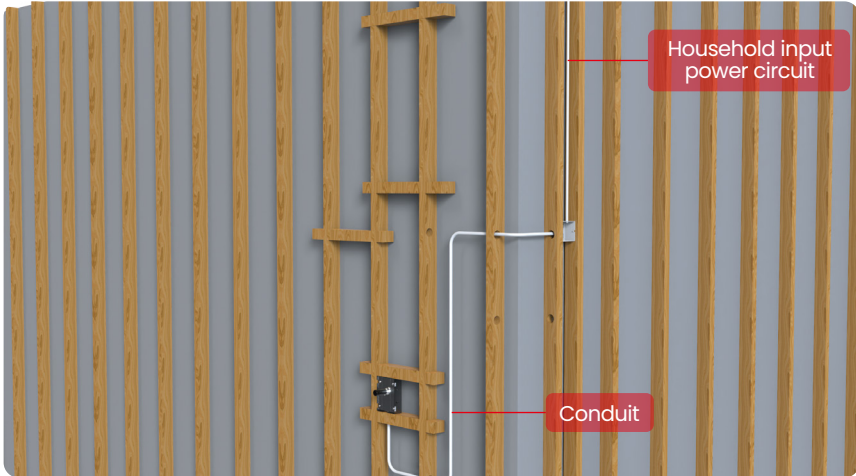


#### ⚠ NOTE

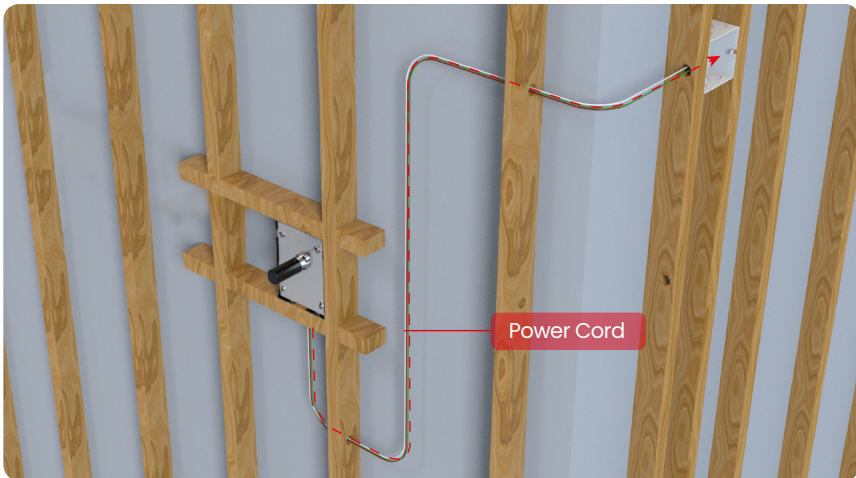
Location of junction box for illustration purposes only. The independent junction box may be installed at a less conspicuous location as on-site applications and local codes permit.

### 6 Install the conduit

Install a conduit between the fixed back box and the junction box.



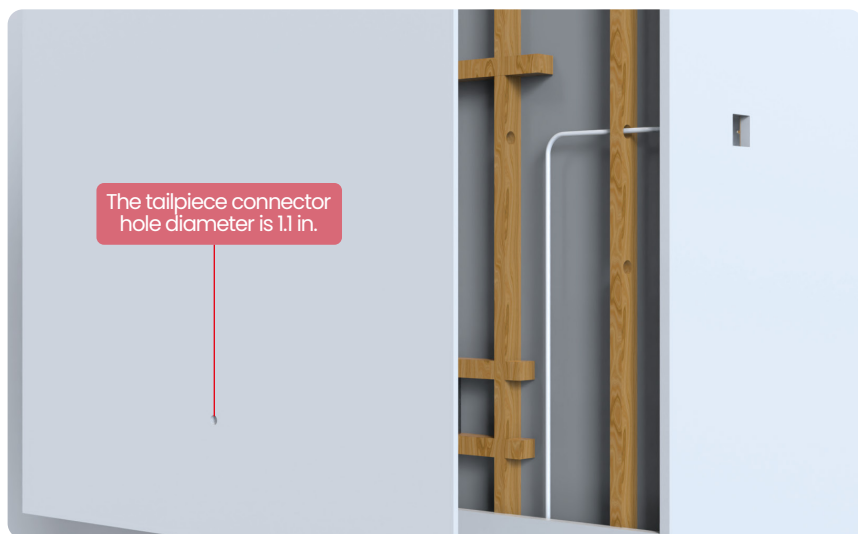
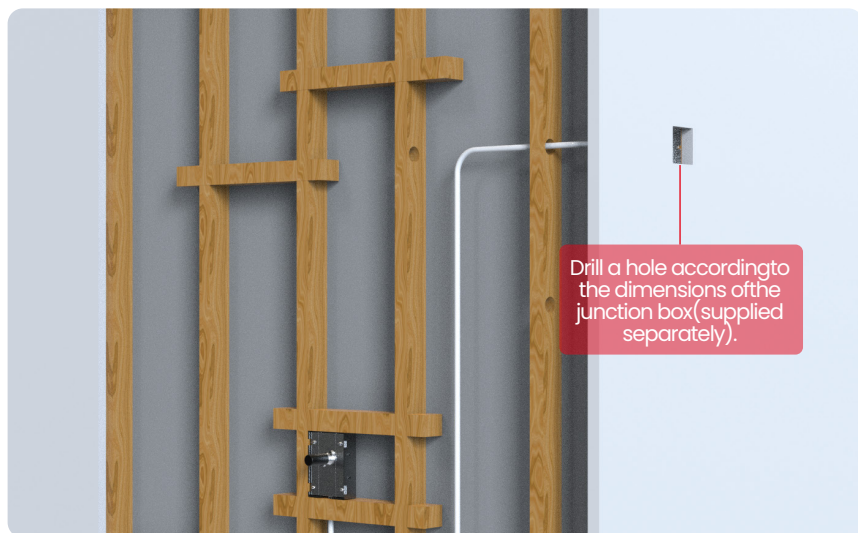
Guide the power cord of the Electrical Rough-In through the conduit into the junction box.



**NOTE** All wire lengths at the junction box must extend more than 6.3 in out of the box.

### 7 Install drywall / plasterboard

Finish the wall surface with drywall, ceramic tiles, or similar material. Cut an opening for the junction box and a hole for the rough threaded tailpiece connector at the corresponding positions.



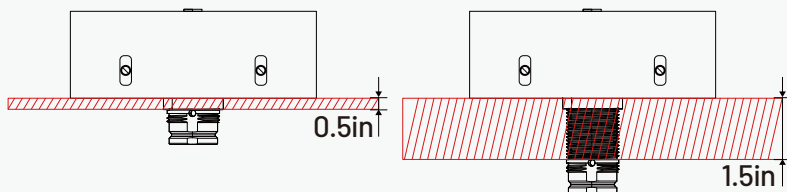
### 8 Adjust the thickness

The thickness of the wall panel must be between 0.5 and 1.5in as marked on the protective covercover. Must not be lower than 0.5, nor higher than 1.5in.



#### !NOTE

The thickness of the finished wall application (including drywall, and tile, stone, etc..) should not be less than 0.5in and should not exceed 1.5in.



### 9 Installation complete

After installing drywall, ceramic tiles, or similar materials for wall finishing, ensure the entire wall surface remains flat and even.



#### ⚠ NOTE

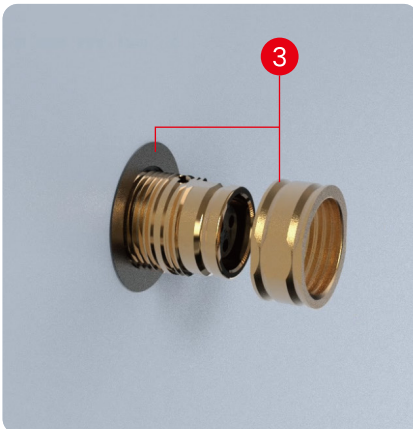
The installation position of the Electrical Rough-In should be determined based on the actual location of the product's power foot.

### 11 Secure the power connector of the electrical rough-in

Remove the protective cover of the Electrical Rough-In.



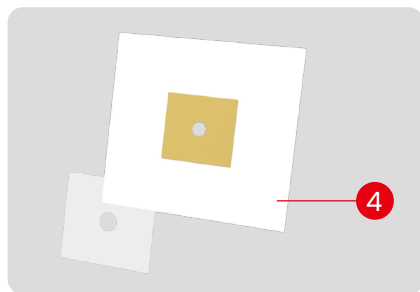
Rotate the black washer and positioning ring onto the connector, and tighten them until they no longer turn.



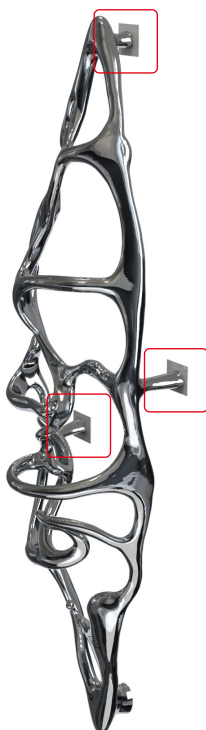
### 12 Fixed positioning sticker

Remove the center backing film from Positioning Sticker and apply it to the product foot.

Align the positioning sticker with the center hole of Fixing Part and apply it securely.

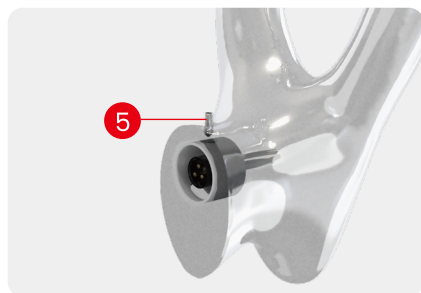


Attach a positioning sticker to all feet except the power foot.

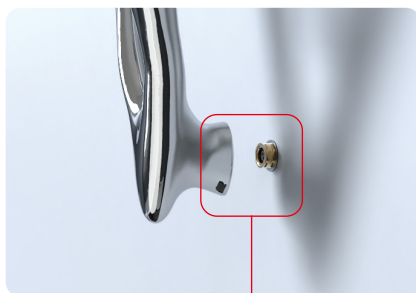


## 13 Level the product

Back out the set screw on the power foot until it is flush with the product edge.



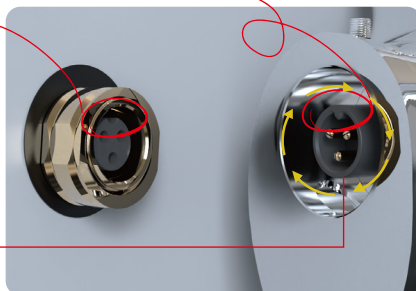
Align the power foot with the connector of the Electrical Rough-In.



The tab on the power connector must align with the groove on the Electrical Rough-In interface, and avoid using excessive force during installation.

### ! NOTE

The connector on the product can be rotated to adjust its position, and its height is also adjustable. Align it with the connector on the wall accordingly, and ensure that the connection is properly secured.

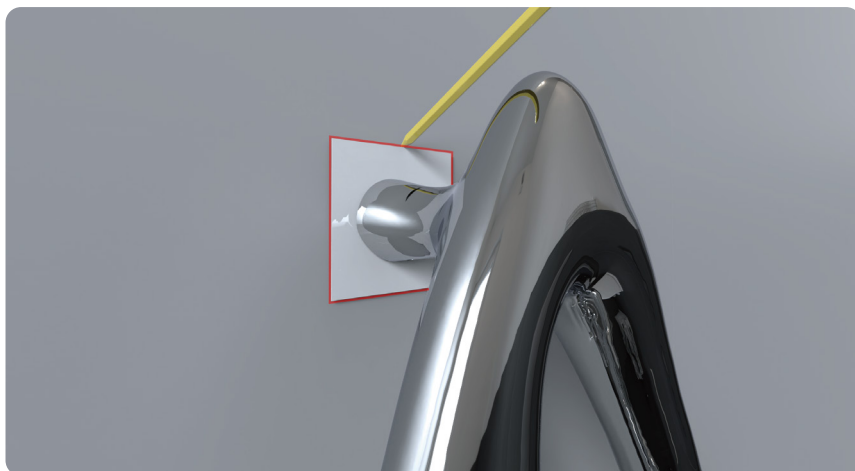


Adjust the product to a level position.

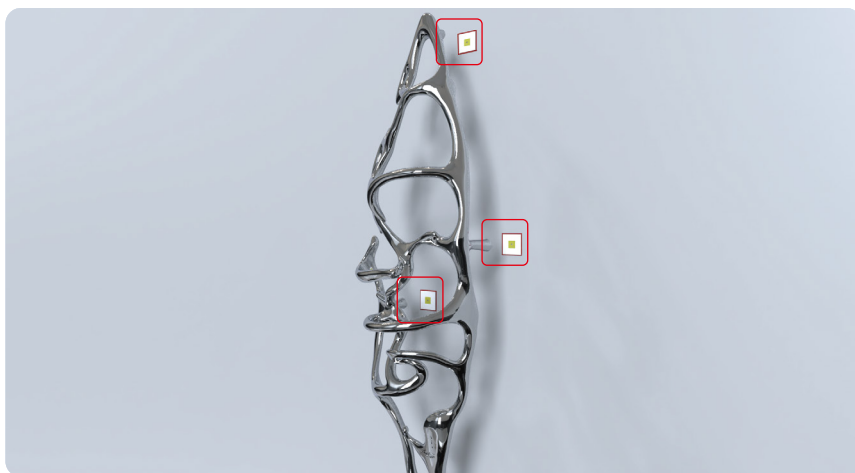


### 14 Mark the positioning sticker location

Mark the Positioning Sticker position with a pencil.



After marking all the positions of the positioning stickers, remove them from the product main body and apply them to the marked positions on the wall.

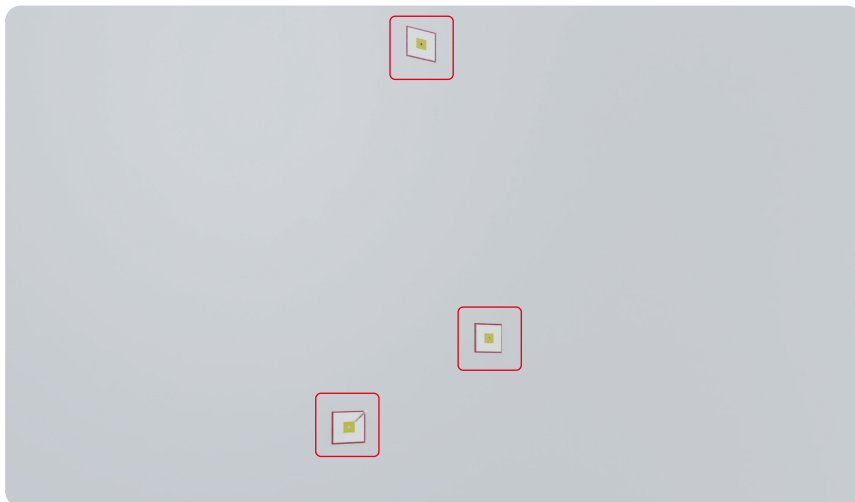
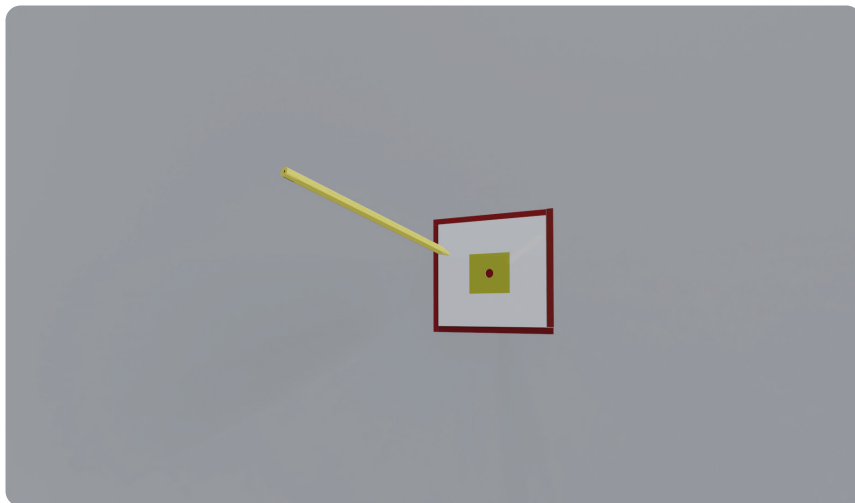


#### ⚠ NOTE

The positioning stickers are designed to ensure that the product can be mounted to the wood backing installed behind the finish. During the marking process, please ensure the sticker does not shift. It is necessary to avoid any electrical wiring, water pipes, and gas pipelines within the walls.

### 15 Mark the center point

Mark the center point of the Positioning Sticker with a pencil.

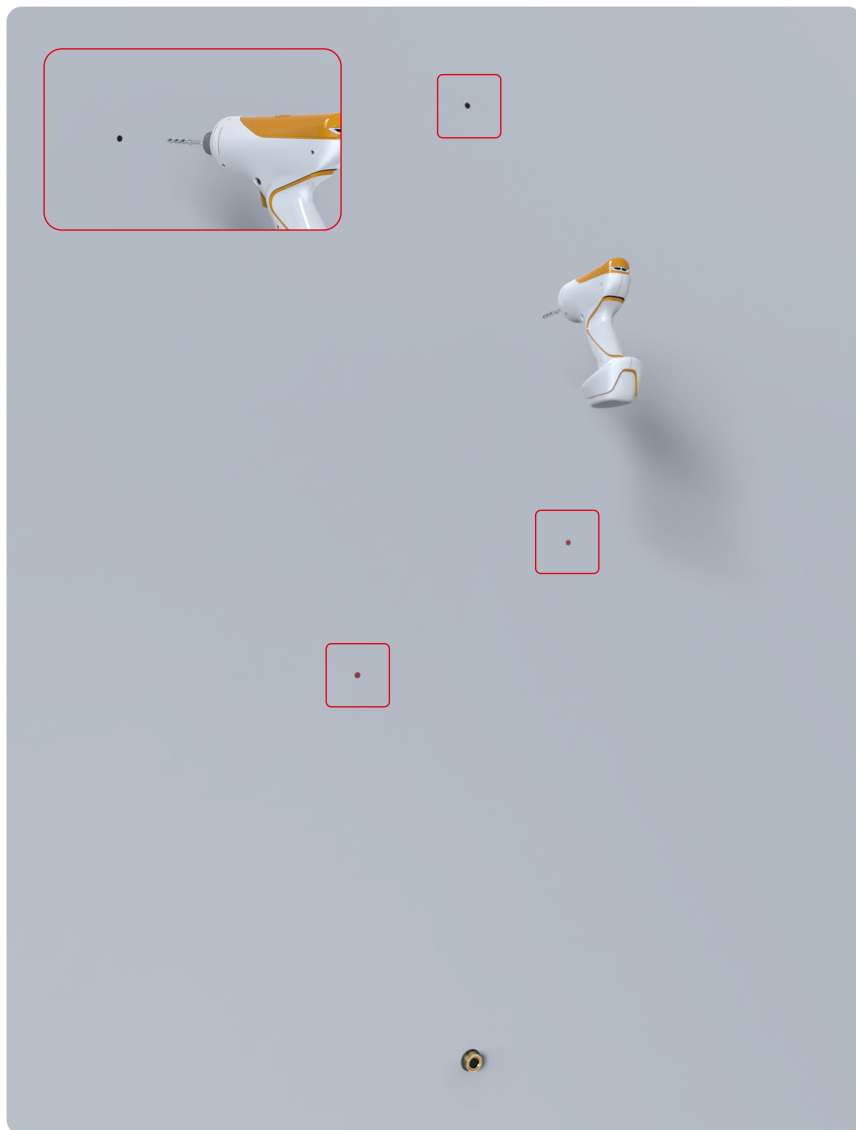


#### ! NOTE

The positioning stickers are designed to ensure that the product can be mounted to the wood backing installed behind the finish. During the marking process, please ensure the sticker do no shift. It is necessary to avoid any electrical wiring, water pipes, and gas pipelines within the walls.

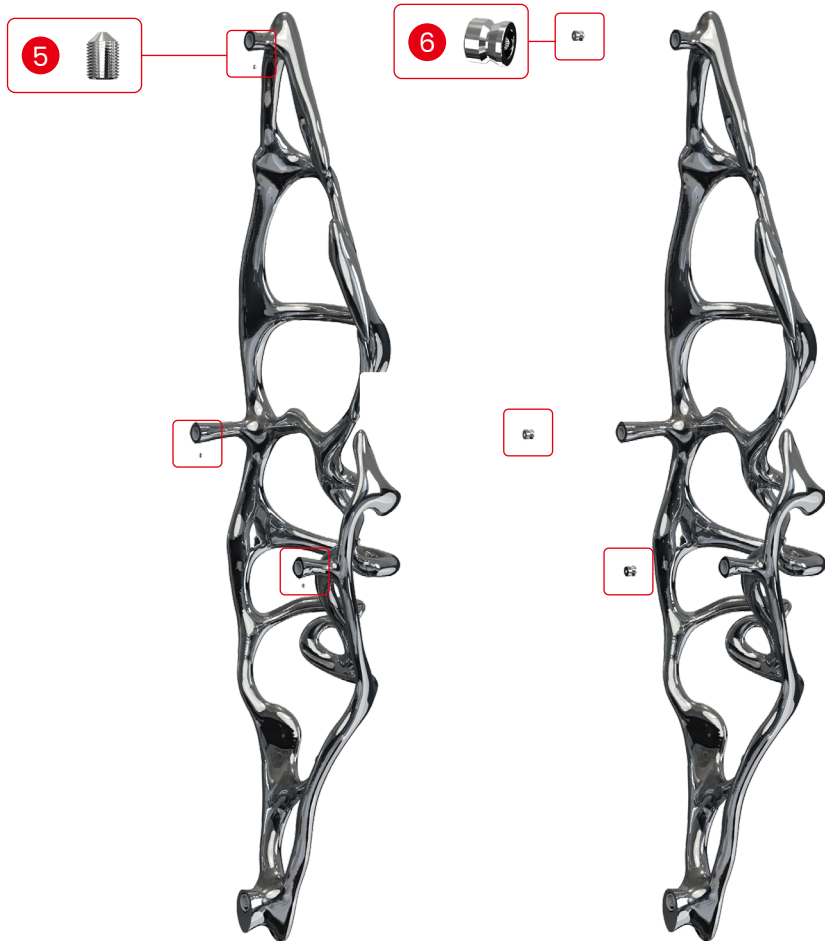
### 16 Drill holes

Remove the Positioning Sticker, Drill holes at the marked points. Use a 0.32 in/8 mm diameter drill bit.



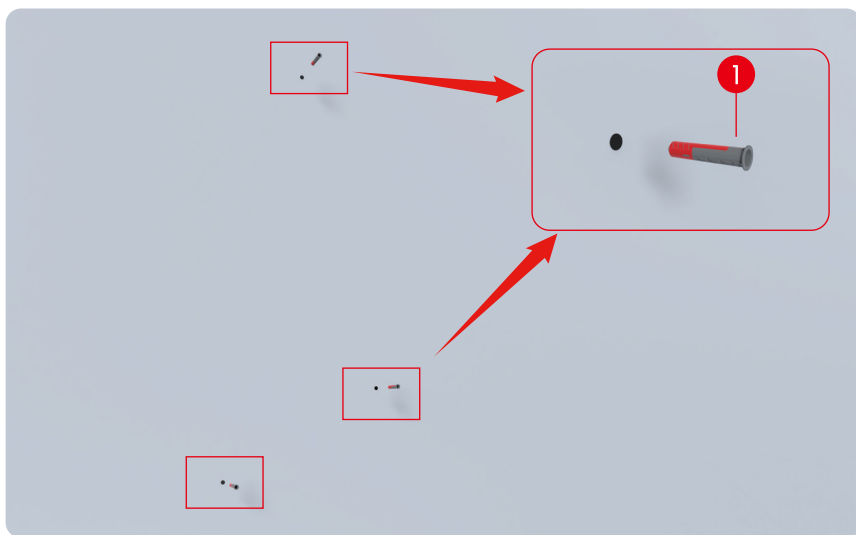
### 17 Remove the set screw and the fixing part

Remove the set screw and the fixing part from the product main body and set them aside for later use.

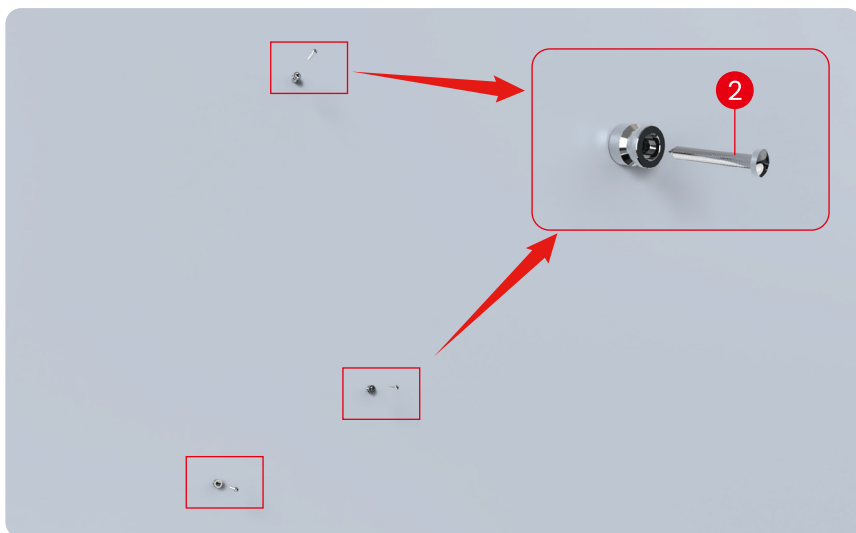


### 18 Install the fixing part

Insert Expansion Sleeve into the hole.

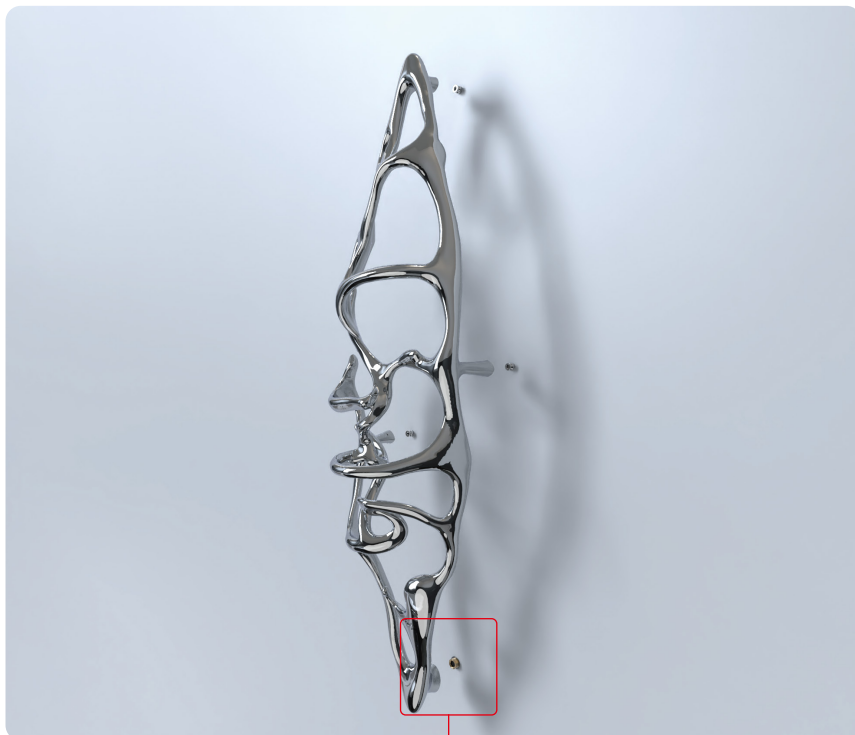


Secure Fixing Part to the wall with Screw.



### 19 Install the product

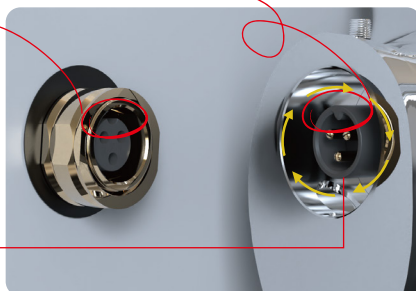
Mount the main body of the product onto the fixing part.



The tab on the power connector must align with the groove on the Electrical Rough-In interface, and avoid using excessive force during installation.

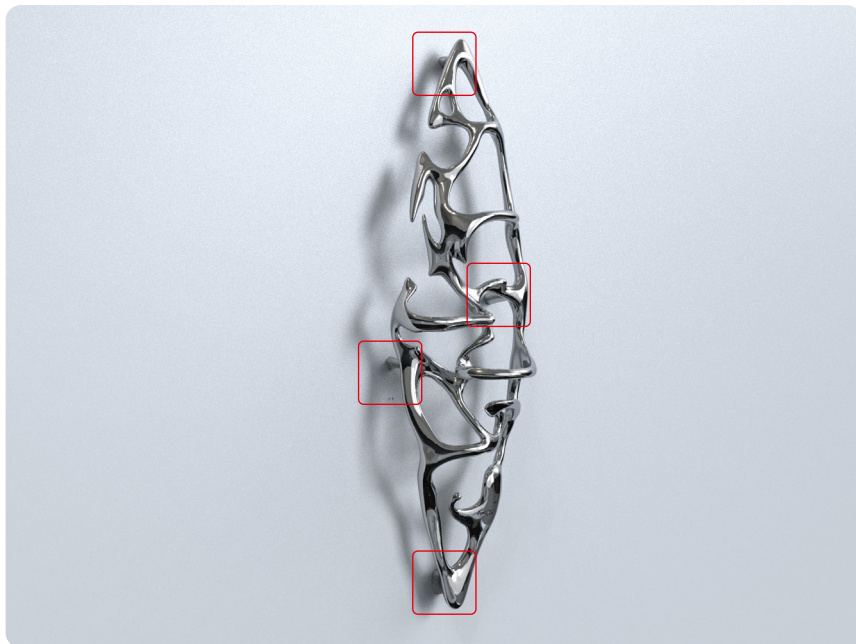
#### !NOTE

The connector on the product can be rotated to adjust its position, and its height is also adjustable. Align it with the connector on the wall accordingly, and ensure that the connection is properly secured.



### 20 Secure the product

Secure the main body of the product to the fixing part with set screws.



### 21 Installation complete



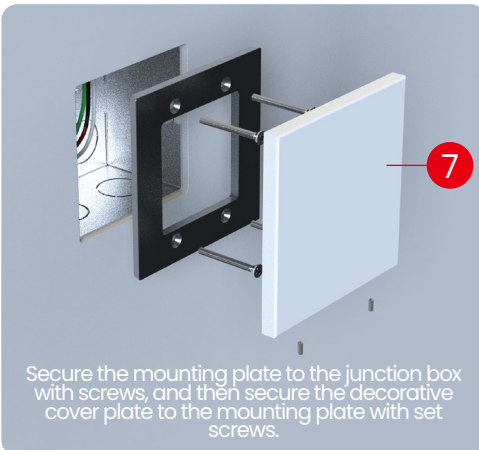
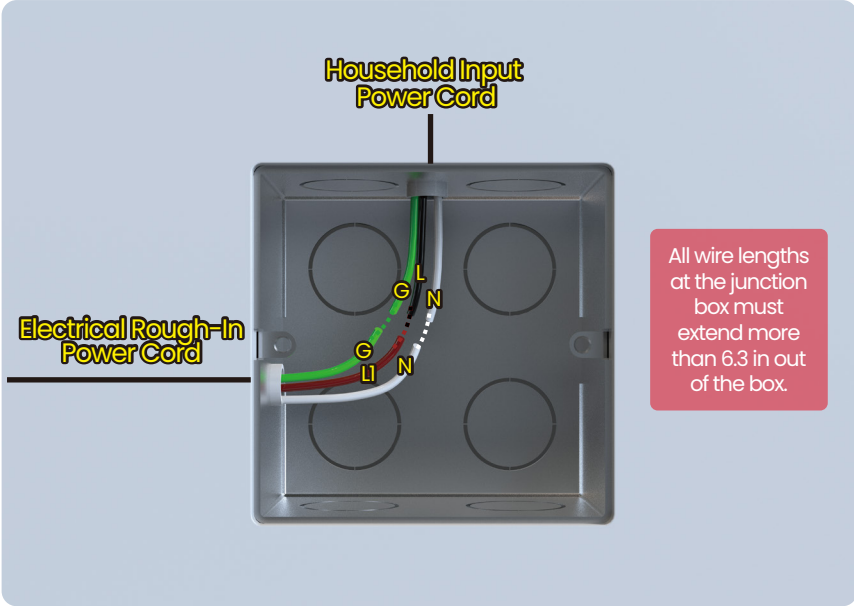
**If You Have Optional Wall Mount Controls, Please Refer To The XA-TB/XM-TB Installation Guide.**

## 22 Connect the wires



### NOTE

Verify the input, output, and other wires inside the junction box before wiring. Do not mix them up, and have a qualified electrician perform the connection.



After wiring is complete, install a removable inspection window on the junction box for future maintenance.



After-sales service



After-sales service

**CUSTOMER-SERVICE@PBHUSRI.COM**