Installation Manual

SYSTEM:
MUTE

Tudelu®

TABLE OF CONTENTS

MEET THE SYSTEM

HOUSING

WALL
PANEL

SIDE GUIDE

WEIGHT &
BOTTOM BAR

Before getting started, complete the following checklists to ensure you are set for installation:

 1. Boxes checklist
 2. Tools checklist
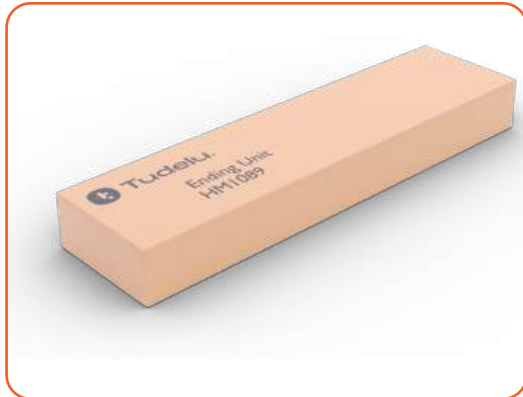 3. Room checklist

CHECKLIST #1 : BOXES

Make sure you received your full order.

Beginning Unit

Middle Unit/s*

Ending Unit

Motor Unit

Wall Panel Units*

**Weight and
Bottom Bar Unit**

2 Side Guide Units

*amount depends on the length of your specific system

CHECKLIST #2 : TOOLS

These are the tools you'll need to install your system:

Wrenchs
Socket / Wrench;
7/16 +
3/8 +
9/16

**Philips #2 &
Flat screwdriver
& Angle screwdriver**

Drill bits

Tape measure

Utillty knife

Stapler

Leveler

Extension cord

Laser

**Saw
or Band Saw**
with aluminum blade

Material Lift

Drill

**2 ladders and
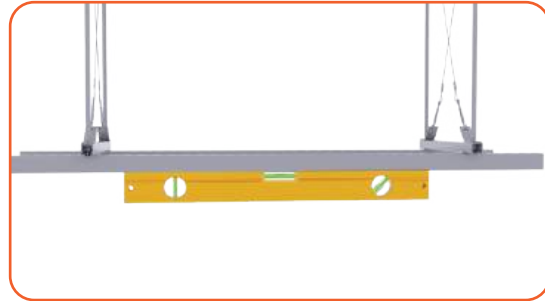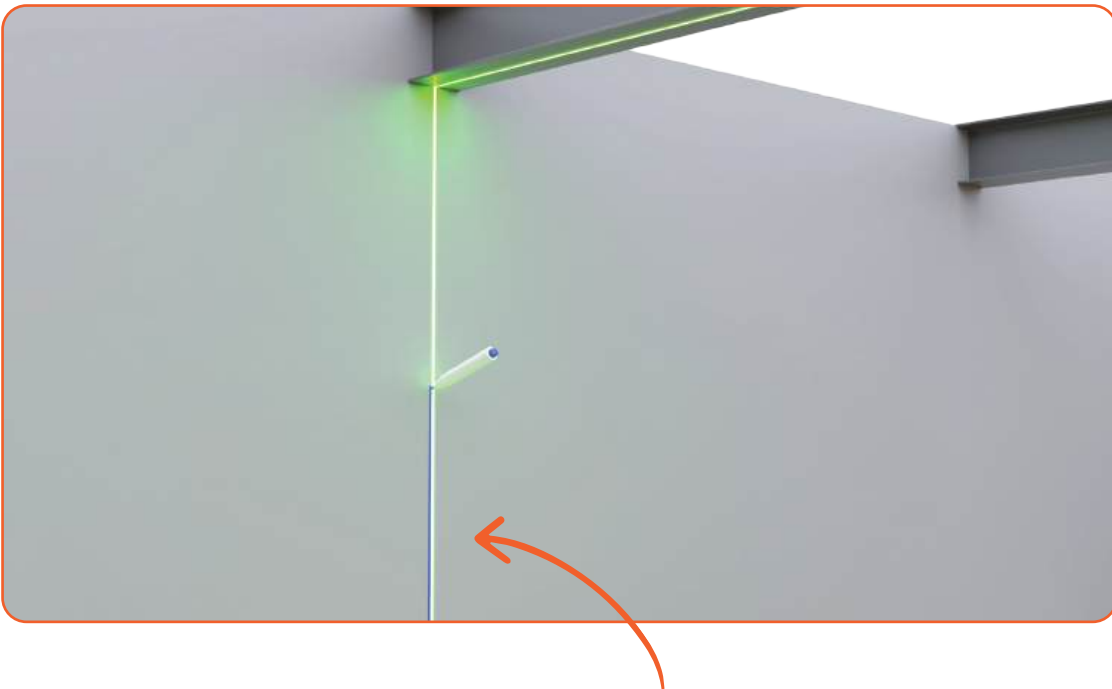scaffolding**

Plier

Duct tape

Heat Gun

CHECKLIST #3 : ROOM

A. Make sure you have power to operate your tools and the system

B. Ensure the power is in a convenient location

C. Clear the room for installation

D. Use the laser to check that the structural support is leveled

E. Mark both sides of the wall

this is where the side tracks will go

F. Verify once more that the system you ordered and the room measurements match

G. Mark 26" on the ceiling
(this is where the system will be installed)

H. If installed on a drop, ensure that each nut and bolt is firmly tightened
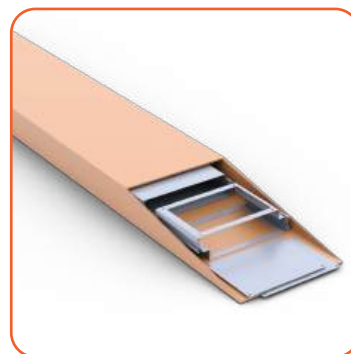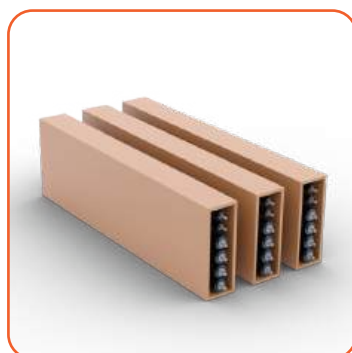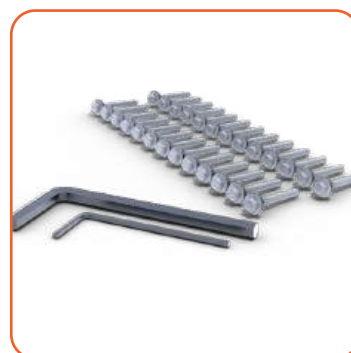
BEGINNING UNIT - HM1066

Beginning housing frame

2 tubes

Under-housing covers and access panels

3 sets of:
4 large rollers
2 small rollers
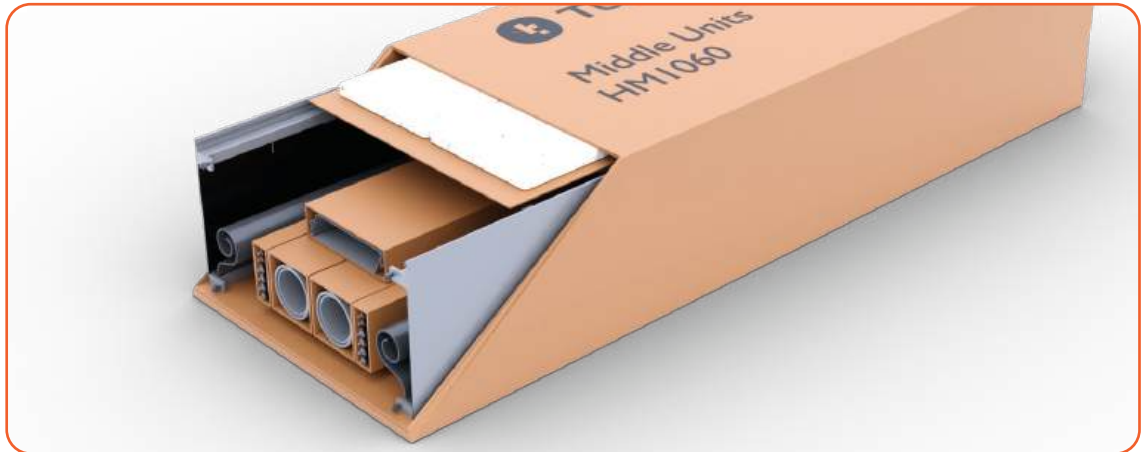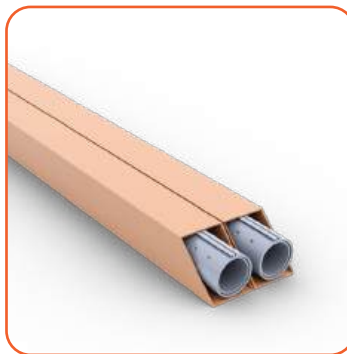

Soundboards

Bolts and tools

MIDDLE UNIT - HM1060

Each Middle Unit box contains:

Middle housing frame

2 tubes

Under-housing covers

3 sets of:
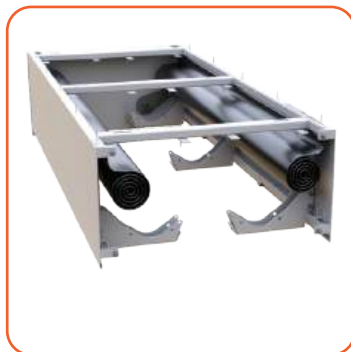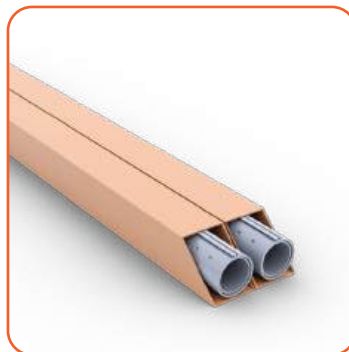4 large rollers
2 small rollers

Soundboards

Bolts and tools

ENDING UNIT - HM1089
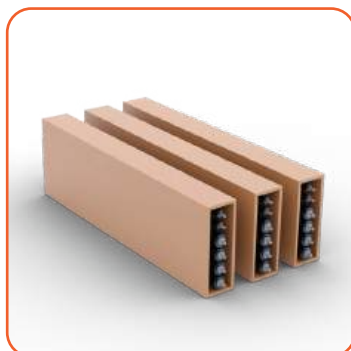

Ending housing frame

2 tubes

Under-housing covers
and access panels

3 sets of:
4 large rollers
2 small rollers
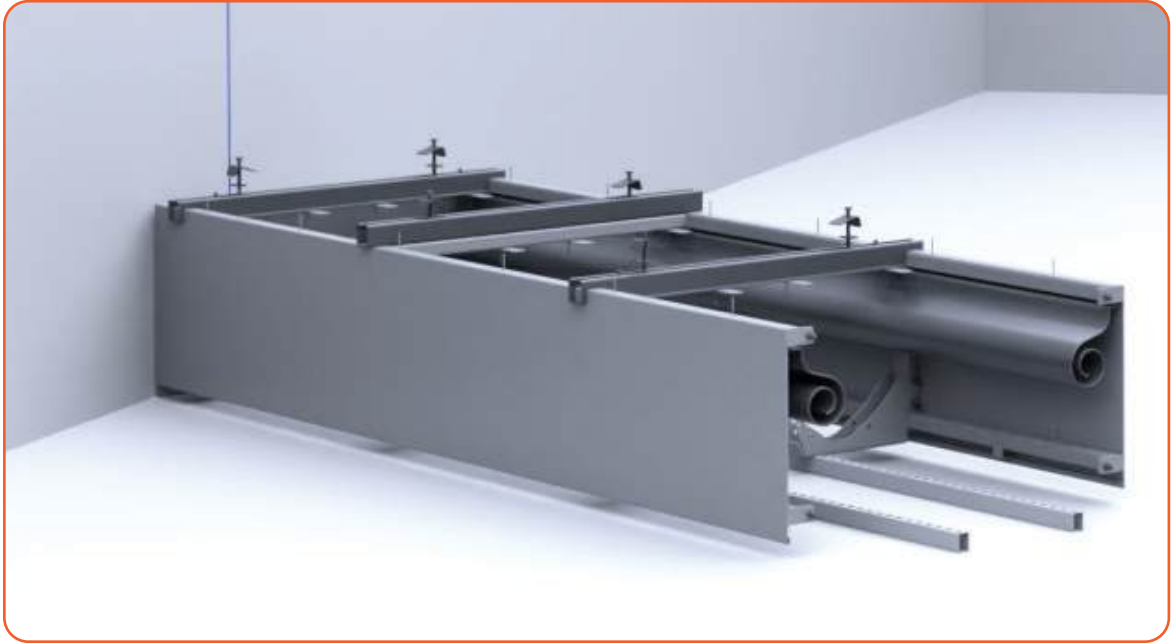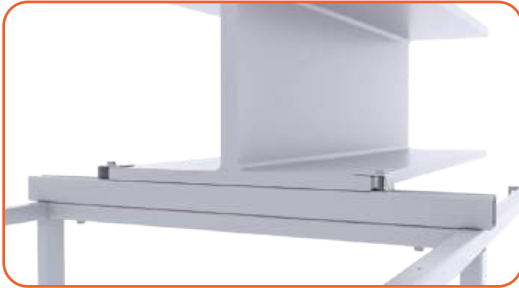

Soundboards

Bolts and tools

Place metal rods under the housing so the unit remains intact when you lift it

Set all the housing modules on the floor before installation
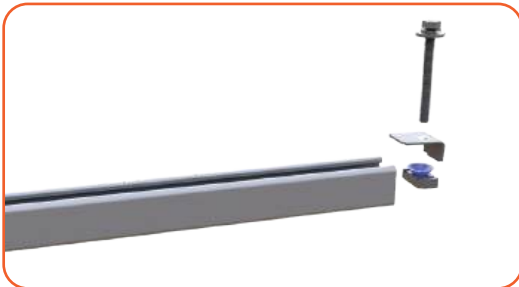
HOUSING INSTALLATION : ASSEMBLY

Follow the instructions that are relevant to your system and refer to the mini manual for more information

DIRECT TO I-BEAM

Insert the screw clamp and washers into the unistrut

Connect the unistrut to the housing
Note: Do not tighten the screw, You will need space for leveling

When connecting the unistrut to the housing, make sure the clamp screw is inside to ensure that it locks within

CROSS/DROP SECTION

Disconnect the screws from the housing

Insert the screws and washers into the housing

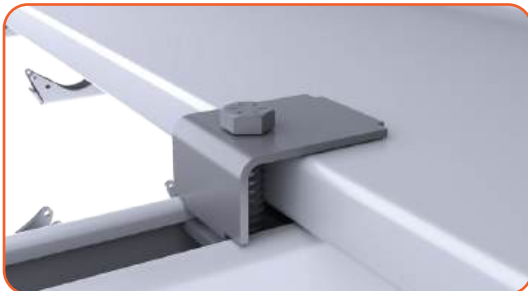
Connect all 6 screws

Use the material lift to raise the first housing unit

DIRECT TO I-BEAM

Push the screw clamp in

Tighten the screw

CROSS/DROP SECTION

Push the screw in and rotate
Note: Do not tighten the screw all the way

Repeat the previous steps to install the middle housing frame/s

Repeat the previous steps to install the ending housing frame

Project a laser beam across the housing. If it isn't leveled, use the laser's lowest point as a guide to level the housing

Check all 4 corners of each housing to ensure they are all leveled

Join each housing unit together

If nedded insert a shim to lower the housing

Tighten the screws that connect the housing to the unistrut

Use laser again to ensure all the housing is leveled

HOUSING INSTALLATION : SOUNDBOARDS

Finger

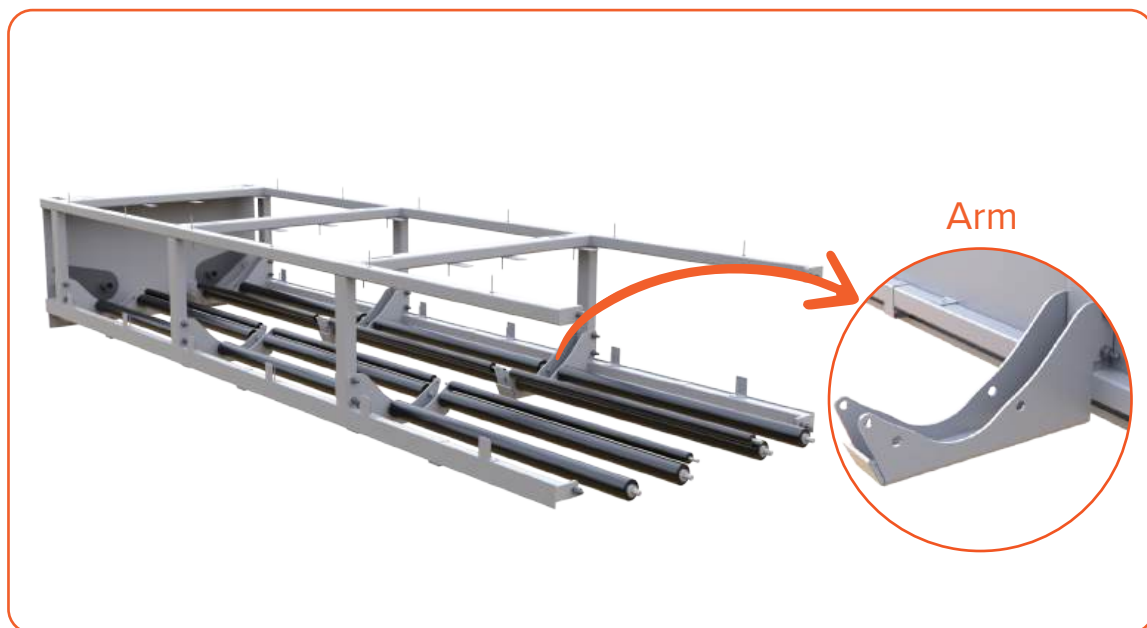## INSTRUCTIONS

Open the fingers

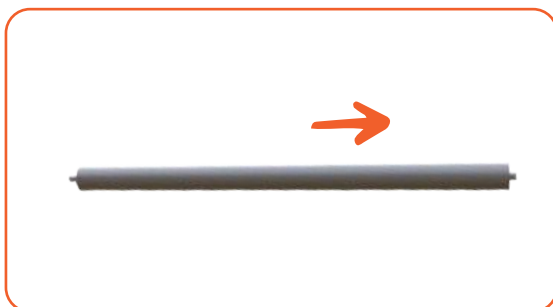Insert the boards

Lock the fingers

Repeat for all the soundboards

END RESULT

Arm

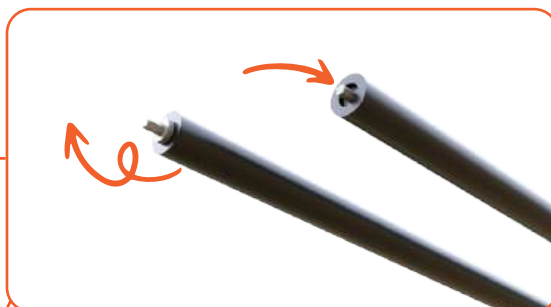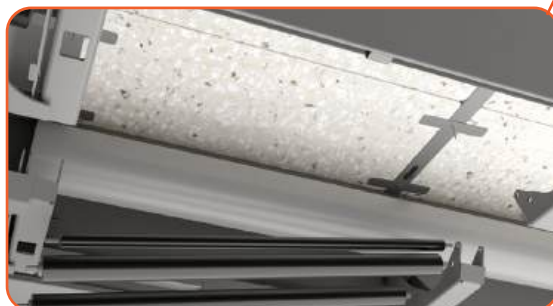## INSTRUCTIONS

All rollers should be facing the same way

Note: Only one side could be pushed in

Insert the rollers into the arms
1. Larger rollers go on either side
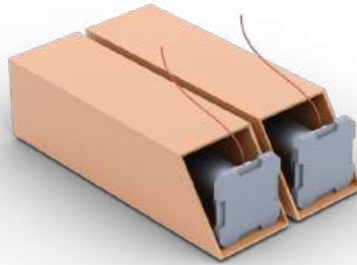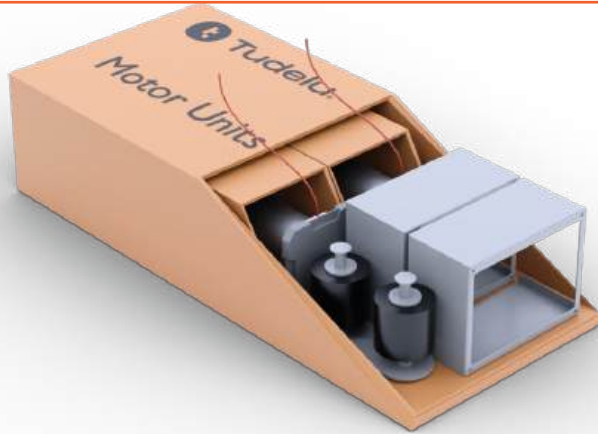2. Smaller rollers go in the center

Repeat on the other side

NOTE: When opening and unraveling the rollers, start with the beginning until and continue next to the intermedium until followed by the last unit.
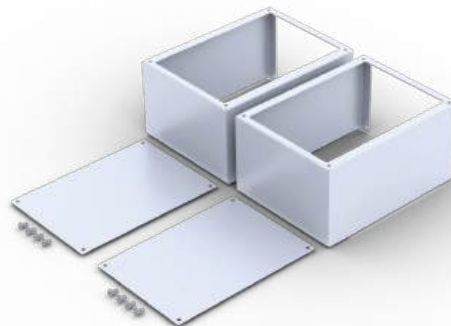
MOTOR UNIT - HM1138

2 motors

2 idlers

2 Access boxes
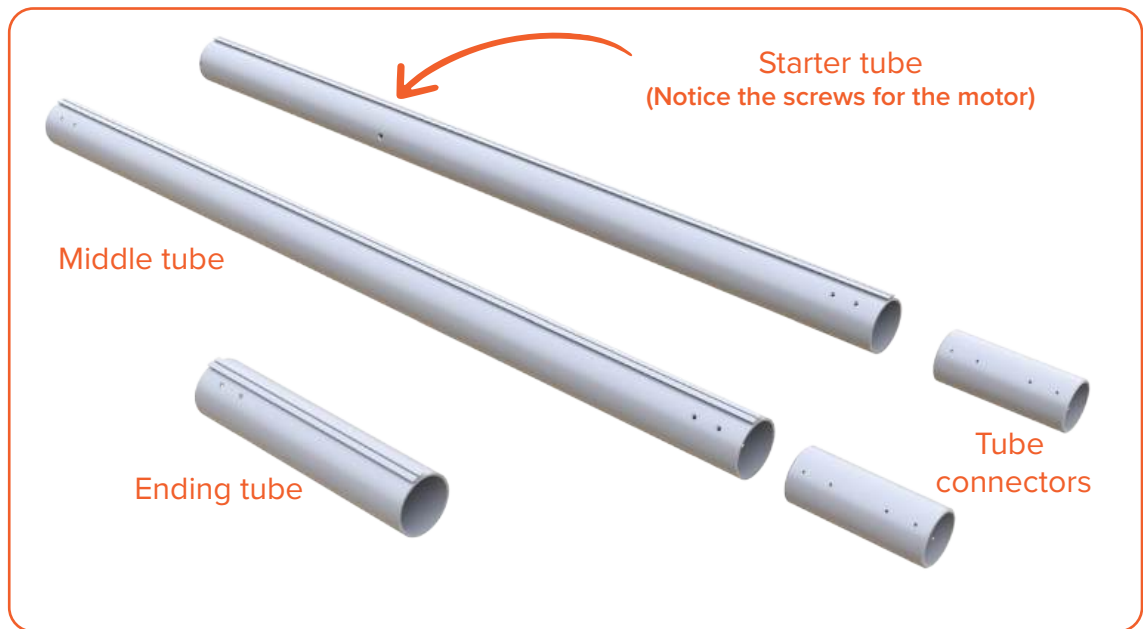
HOUSING INSTALLATION : TUBE ASSEMBLY

Starter tube
(Notice the screws for the motor)

Middle tube

Ending tube

Tube connectors

INSTRUCTIONS

Long screw

Short screw

Connect the motor to the starter tube
Note: The screws connecting the motor are different than the screws connecting the tubes to the connectors

Connect the starter tube to the tube connector

Push the tube connector halfway to secure

Connect the middle tube to the other end of the tube connector

Repeat until all the tubes are connected

Insert the idler to secure the system
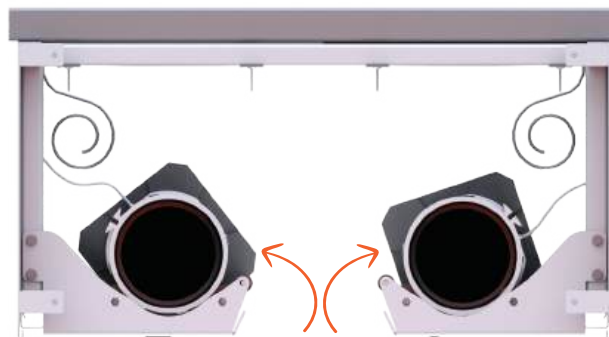**Insert tape so that the idler does not move**

INSTRUCTIONS

Use the materal lift to raise the connected tubes to the housing system

Lift the tubes to the center of housing
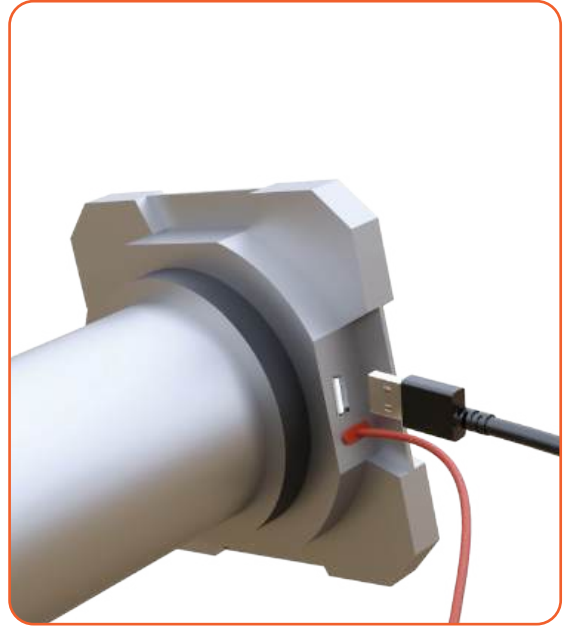

Push the tubes into the arms on both sides
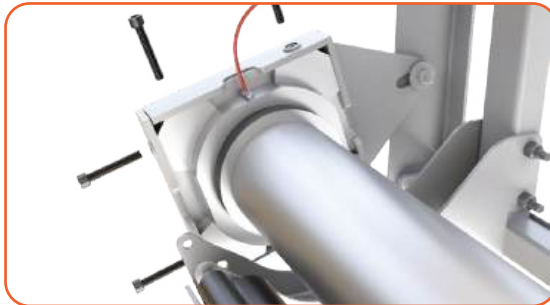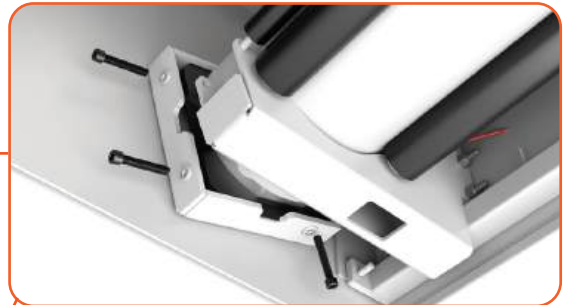

Side view of the tubes inside arms

Ensure that the limit adjusters are on the bottom of the housing (facing the floor)
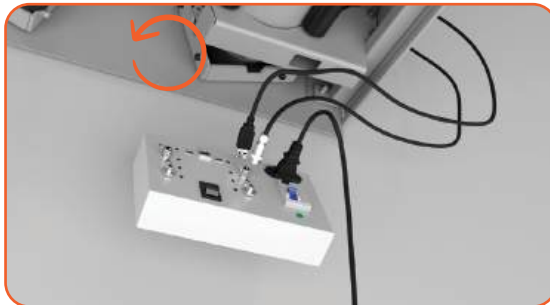

Connect the second wire

Remove the screws and insert the motor into the motor connector (make sure it's all the way in)

Insert and tighten the screws

Connect the tube wire to the temporary connection and rotate the motor downwards

You can use the black flip switch for temporary operation and testing during assembly

Connect the idler side of the tube and insert the pin to secure it

Warning: Avoid toggling the control box frequently to prevent potential damage

WALL PANEL UNIT : INSIDE THE BOX

Heavy-duty paper tubes

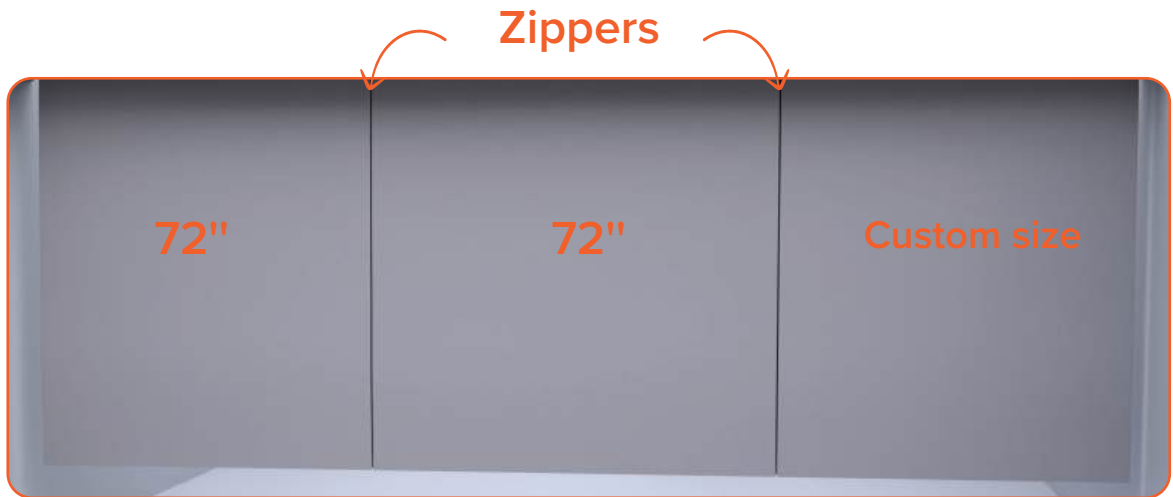Rolls of wall panels (inside paper tubes) and hook attachment

Slide the hook attachment into the wall panel

Press on the end off the hook attachment to lock it into place. You should hear a slight click so you know its connected.
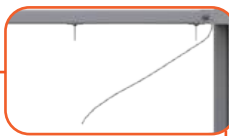
WALL PANEL UNIT : INSTALLATION

Zippers

| 72" | 72" | Custom size |

Largest wall section uses the zipper and the smallest section is what is custom

INSTRUCTIONS

Cut the zipties

open the flap

and connect to the second flap

Use the material lift to raise the wall panel

Connect the top of the metal attachment to the tube

Then click in to the top

Slowly lower the lift
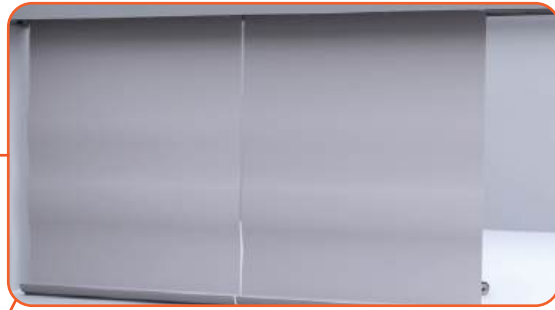
Slide the wall panel to 3" from the wall

Measure 3" from the wall

WALL PANEL UNIT : INSTALLATION

Raise the next wall panel roll

Slide it next to the first wall panel

Start zipping from the bottom
Note: Make sure both walls are aligned
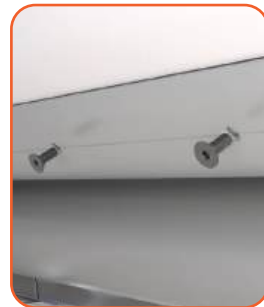
Add a stoper and continue zipping to the top

Zip to the top add a stoper and tape the ziper to the tube

Rotate the tube facing down and insert the screws
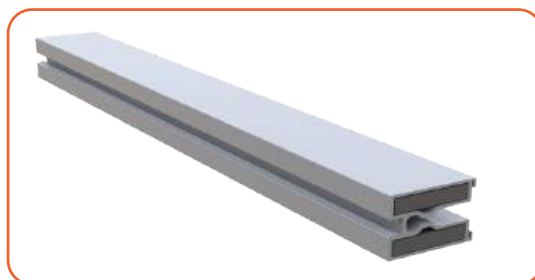Use Tube attachment screws, from the previous step

If needed: Insert a shim under the wall panel on the motor size. This section needs to be as straight as possible

WEIGHT AND BOTTOM BAR : INSIDE THE BOX
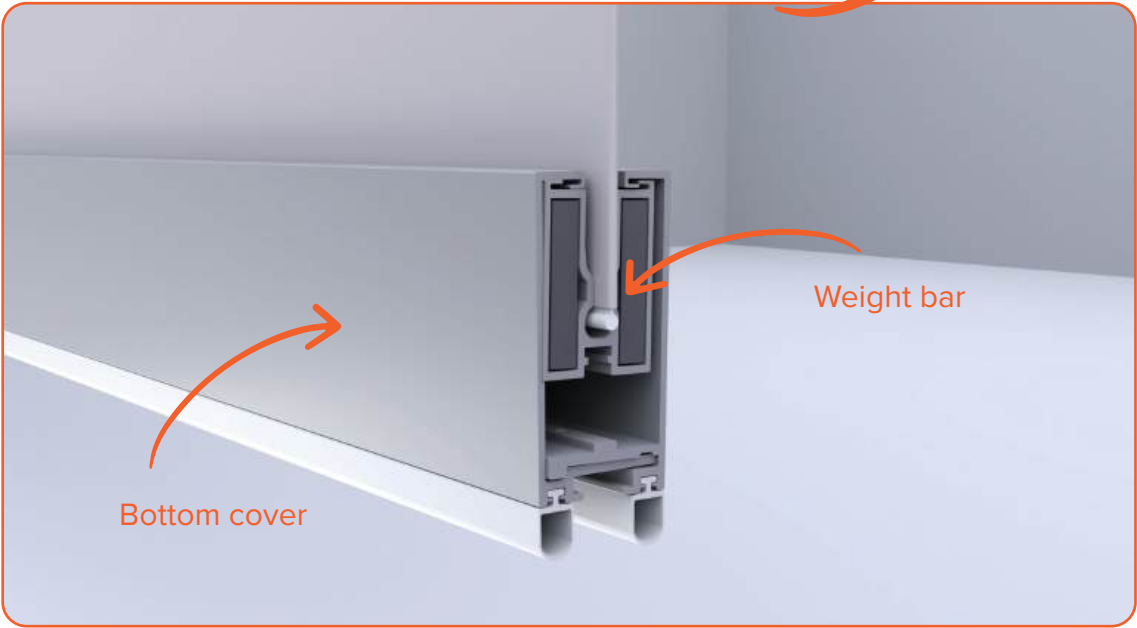

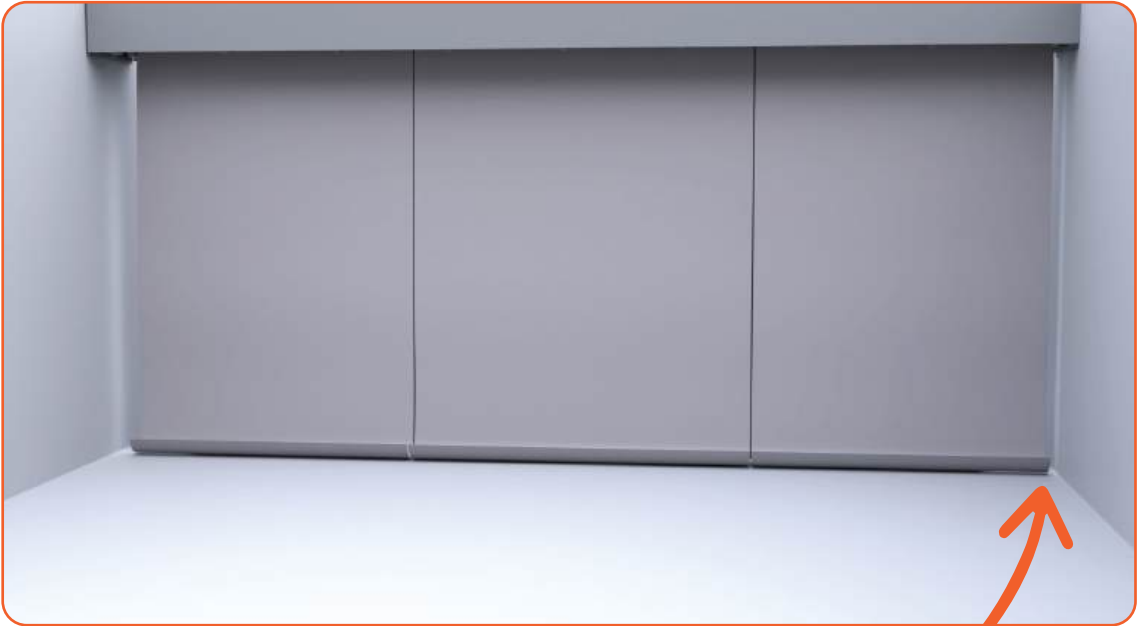

2 bottom bars

2 weight bars

Bottom bar connectors
(Thick)

Weight bar connectors
(Thin)

WEIGHT AND BOTTOM BAR : INSTALLATION

Weight bar

Bottom cover

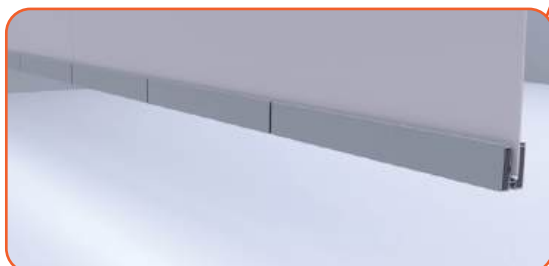Side view

WEIGHT AND BOTTOM BAR UNIT: INSTALLATION

Raise the wall panels off the floor to make it easier to insert the bars

When inserting screws make sure to stretch panels tightly

Slide the weight bar into the wall panel

Repeat the previous steps to all the wall panels

Slide the **THIN** weight bar connector into the weight bar under the wall panel

Insert the screws into the weight bar connector

Attach the bottom bar

Attach the other side of the bottom bar

Slide the **THICK** weight bar connector into the bottom part of the weight bar
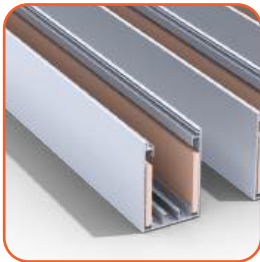

Insert the screw and tighten

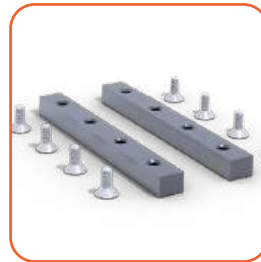Repeat the steps to the other side of wall and insert the covers

SIDE GUIDE UNIT - GM1018
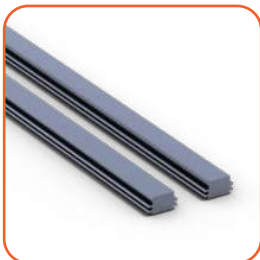

Side guide extrusion
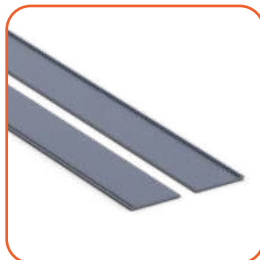

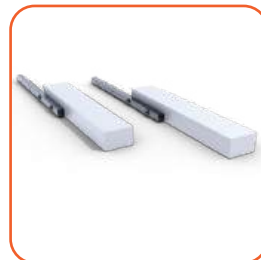Aligners

Connectors

Sensor cable raceway

SG-13 sensor transmitter *

Rubber seal

Top attachment

Tools & screws

DO NOT REMOVE PROTECTIVE FILM UNTIL CONSTRUCTION IS COMPLETE

*this piece is ONLY available if ordered separately.

END RESULT

Side guide

INSTRUCTIONS

Insert the connectors into the side guide

Insert and tighten the screws

Connect the second side guide to the first
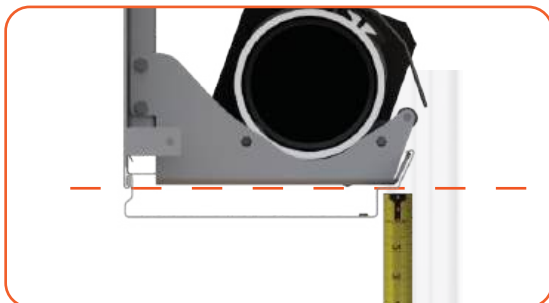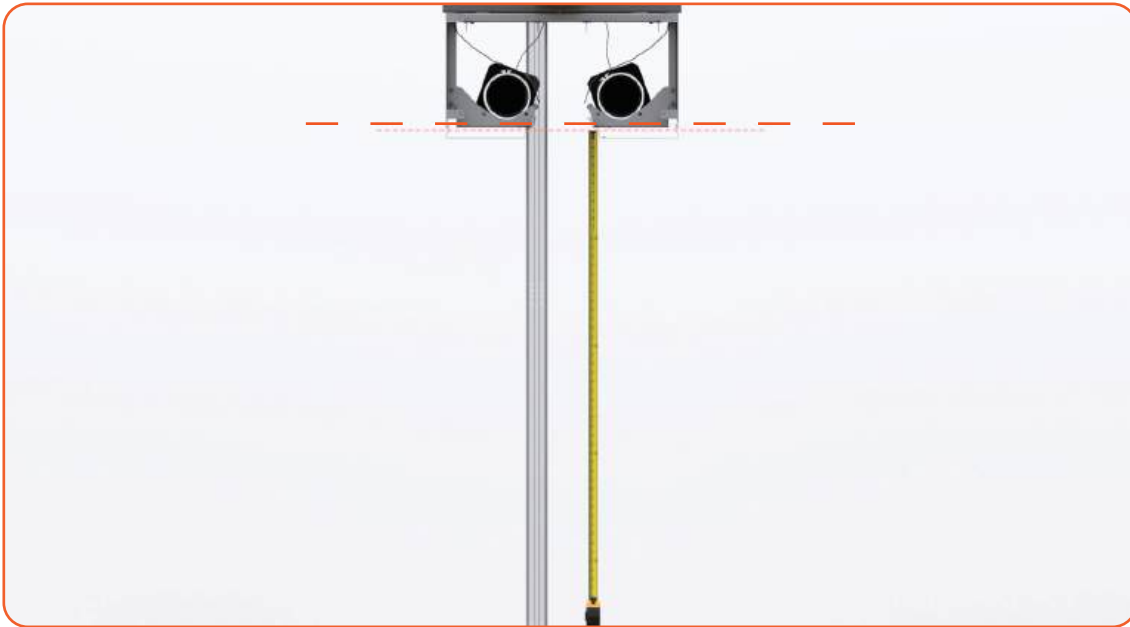
Insert and tighten the screws

Insert the aligners

Use an allen key to tighten the screws

SIDE GUIDE : ASSEMBLY

After assembling the side guides, measure the height
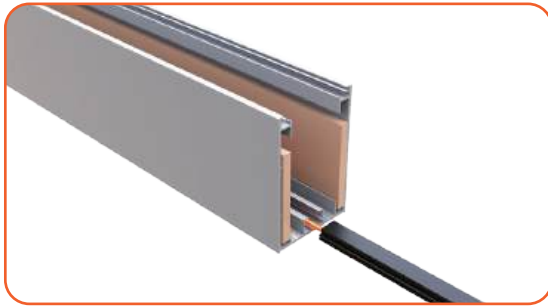from the housing to the floor and cut the side guides accordingly

Insert the first housing cover temporarily to ensure the measurements are are correct
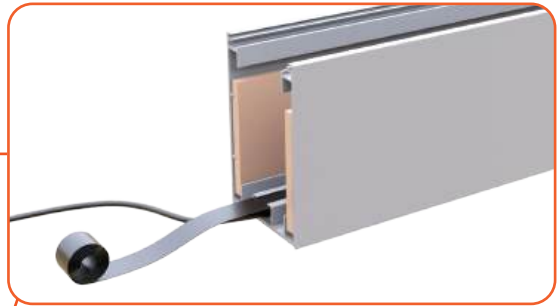

cut side guide accordingly
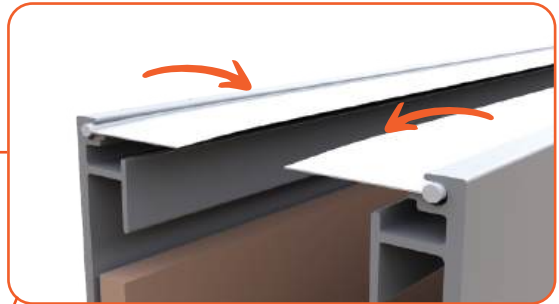
INSTRUCTIONS

*Insert an SG-13 sensor transmitter into to one track and reciver into the other
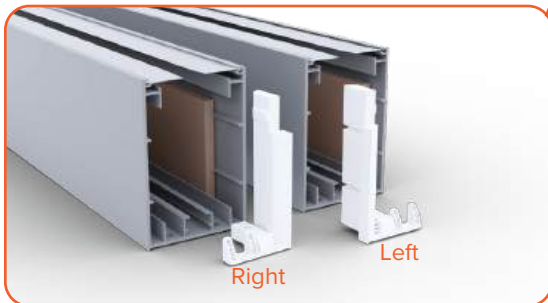**Note: Sensor should be facing up**

To secure the wire, insert the raceway on top of the sensor cable from the top

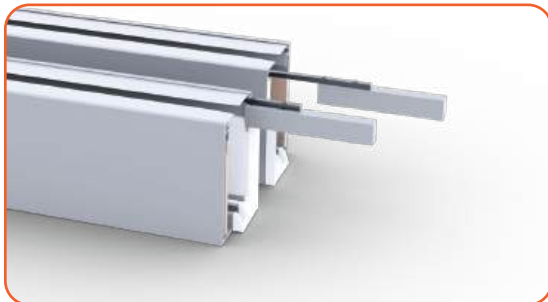Slide the rubber seals into the side guide

Make sure the rubber are facing inside

Right   Left

Insert the top attachments on top of each system (facing inside)

Insert screws to lock it into place

Slide both top attachments on top of each system (facing inside)

*this piece is ONLY available if ordered separately.

SIDE GUIDE : INSTALLATION

INSTRUCTIONS

Insert the side guide into the middle of the housing

Push it against the wall

Use a level to make sure the front and side are leveled

Note: the side with the longer wire should go the opposite side of the motor
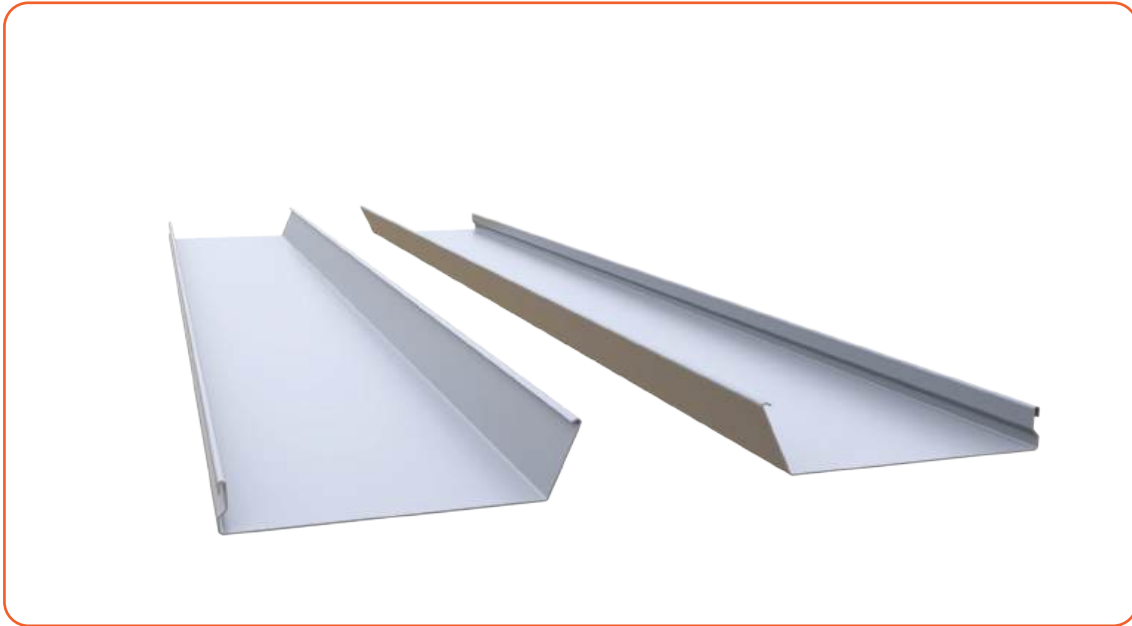
SIDE GUIDE : INSTALLATION
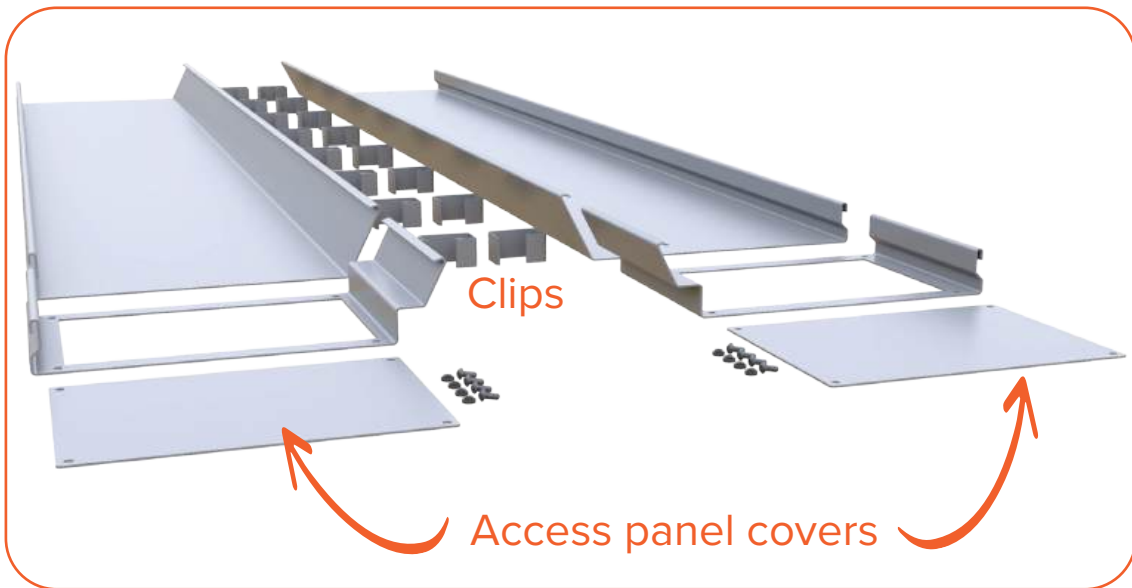

Insert the bolts into the side guide

END RESULT

Middle under-housing covers

Clips

Access panel covers

Beginning/ending under-housing covers

NOTE: access cover screws all come in labeled bags

END RESULT

Under-housing cover
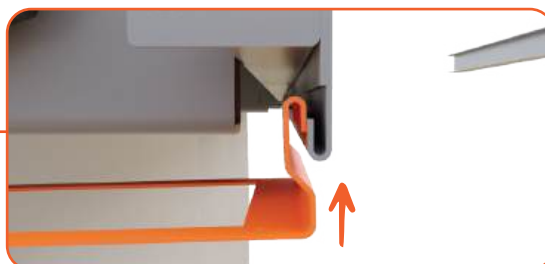

Side view of under-housing cover

INSTRUCTIONS

Hook the under-housing cover to the inside of the housing

Hook onto the other side

Insert the beginning under-housing access panel

Clip it in

Insert the smallest size (lengthwise) under-housing cover and clip it in

Repeat the previous steps for the rest of the under-housing covers

Insert the access panels covers in the beginning and ending housing

Insert the aligner piece and tighten the screws

Screw the bottom covers on the idler end

CONTROL BOX : INSTALLATION

Screw control box into access panel in beginning housing and then into wall

Insert the control box

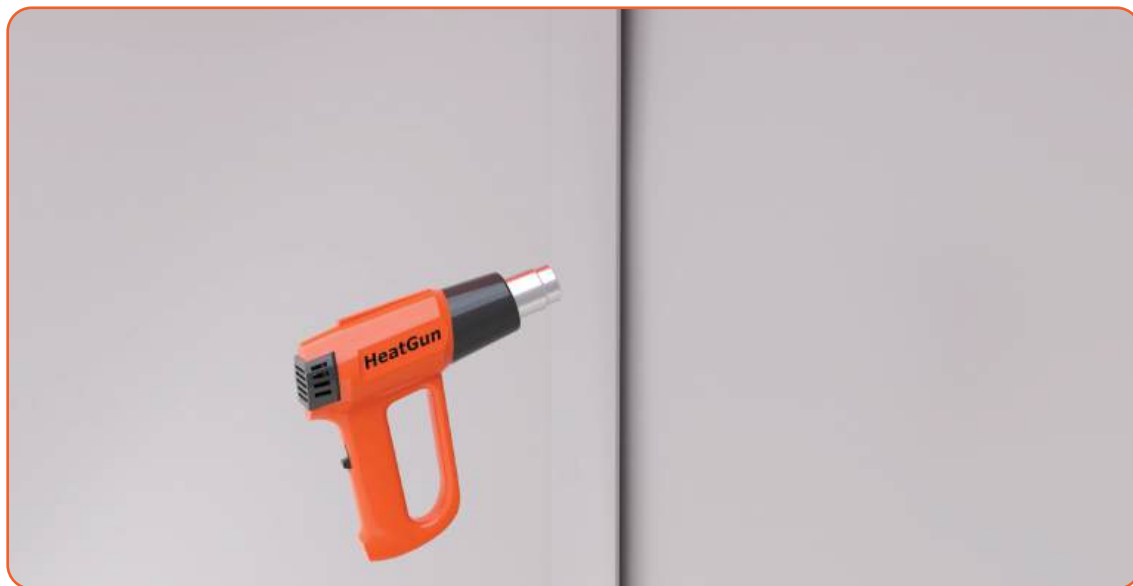Connect all the wires and wait for the green light

Must Follow and Confirm Side A goes to Side A and Side B goes to side B

Make sure all connectors are in the correct place DO NOT FORCE THEM IN!
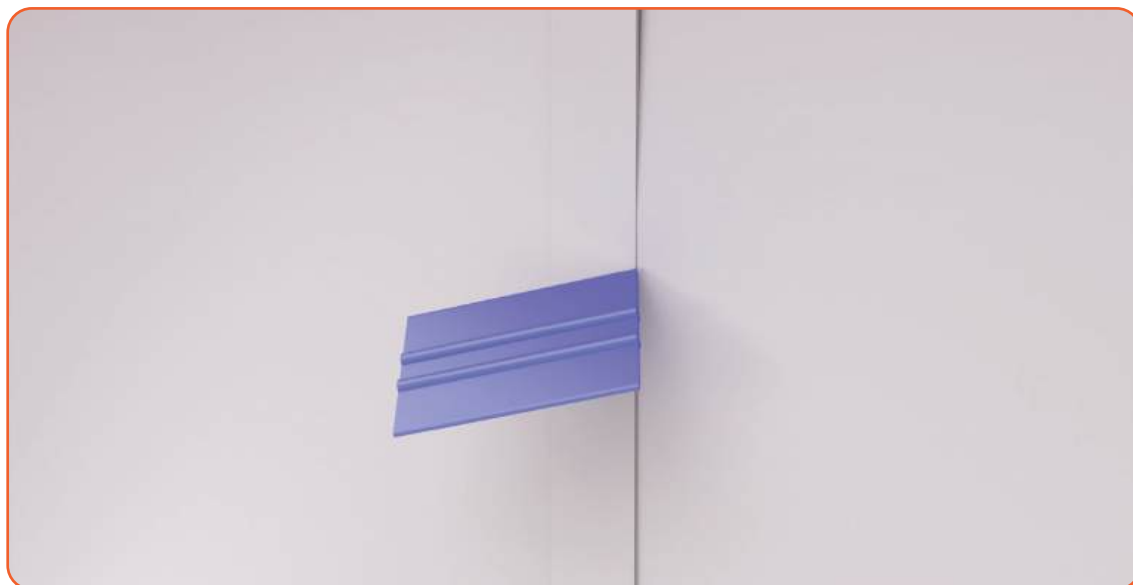

close the box and insert the screws

Heat up the edge of your panel

Use the squeegee tool to blend both pieces together

CAUTION fabric will be hot

If any section does not completely connect after cooled, use vinal glue to patch any holes

HEAT STRIP : INSTALLATION

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CONGRATULATIONS ON YOUR MASTERPIECE!

View with the partition raised

View with the partition lowered