

Installation Manual



**SYSTEM:
MUTE**

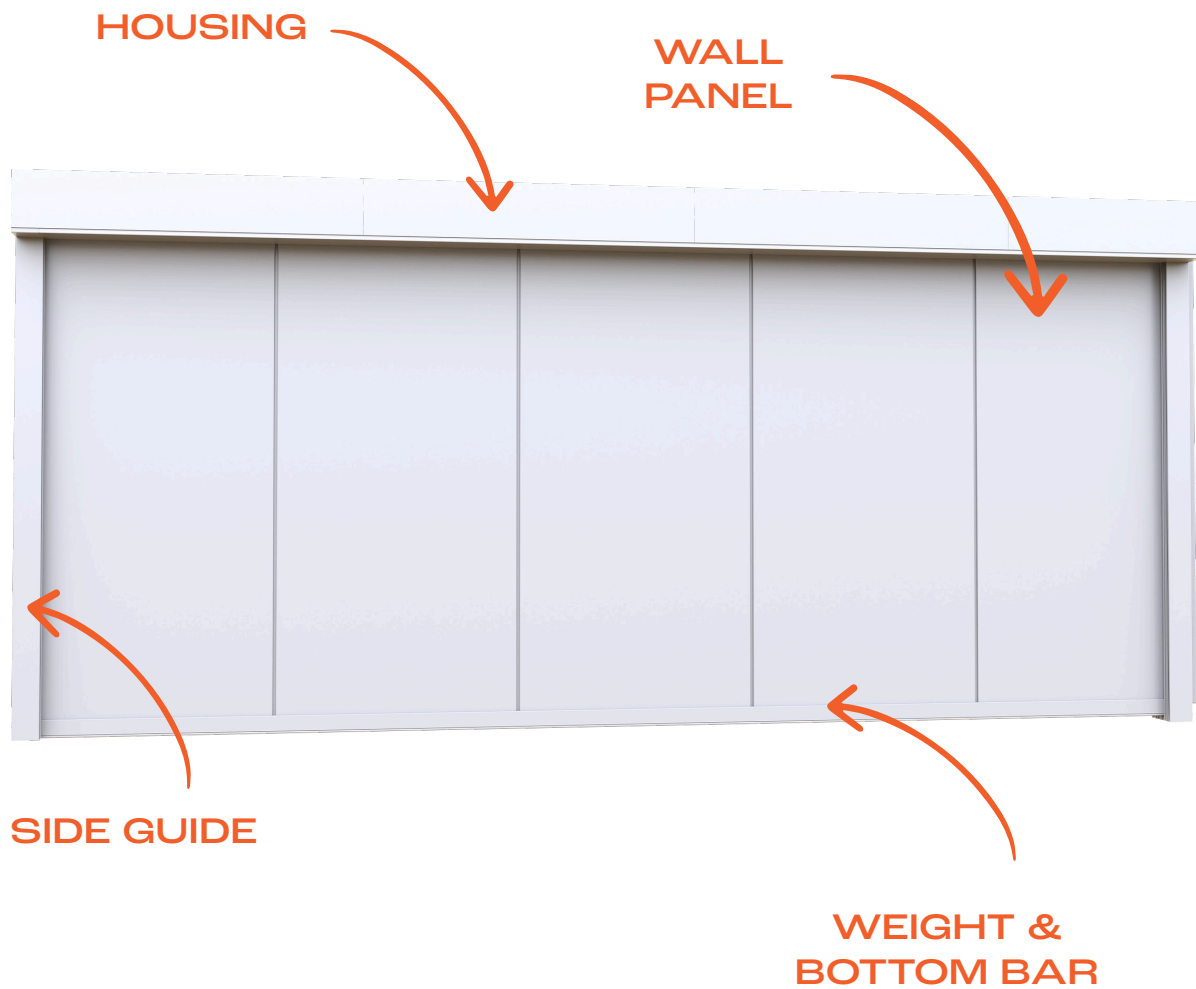


Tudelu®

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MEET THE SYSTEM



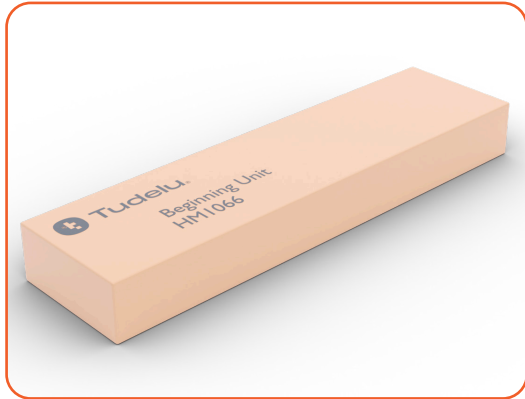
PRE-INSTALLATION CHECKLIST

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:



Wrenches

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



Philips #2



Drill bits



Tape measure



Utility knife



Stapler



Leveler



Extension cord



Laser



Saw
with aluminum blade



Material Lift



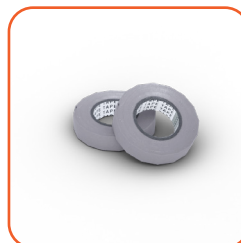
Drill



2 ladders and
scaffolding



Plier



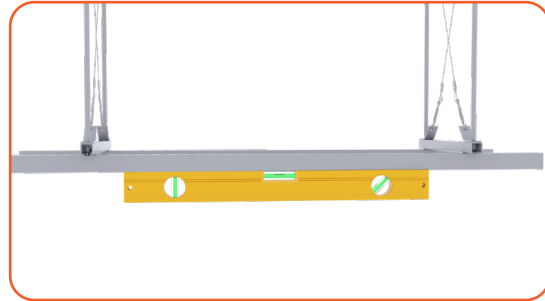
Duct tape



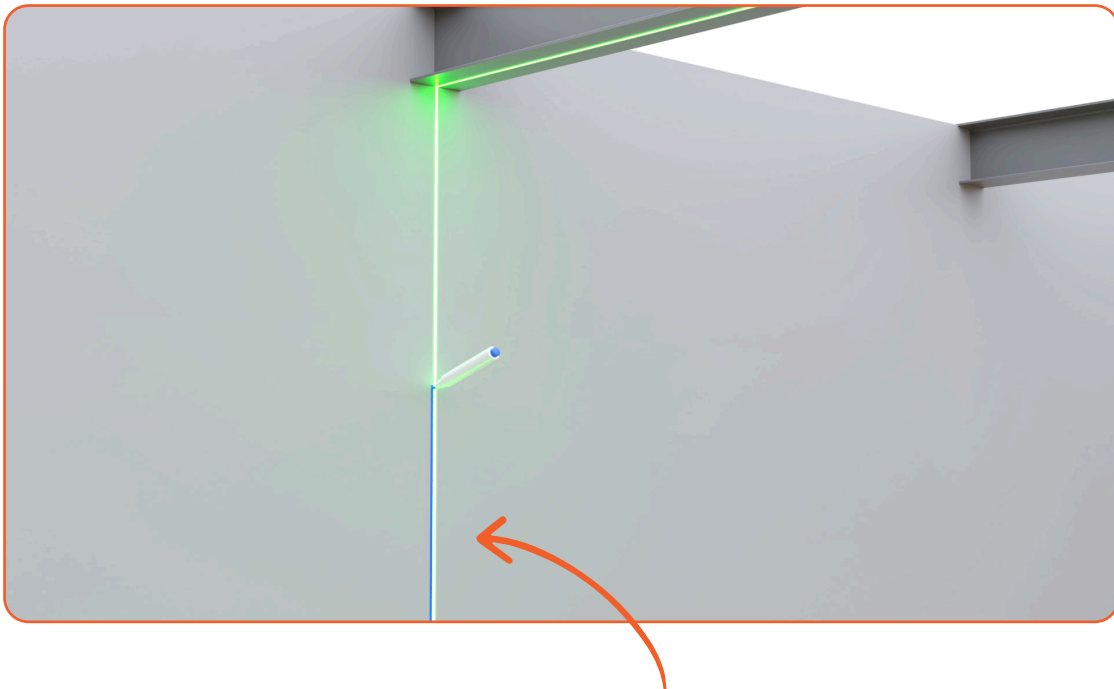
Flat screwdriver

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



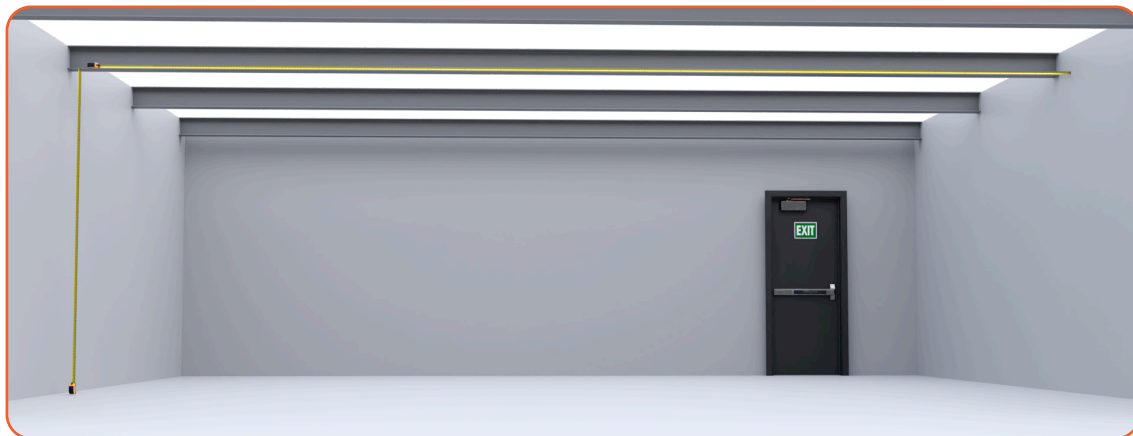
- E. Mark both sides of the wall



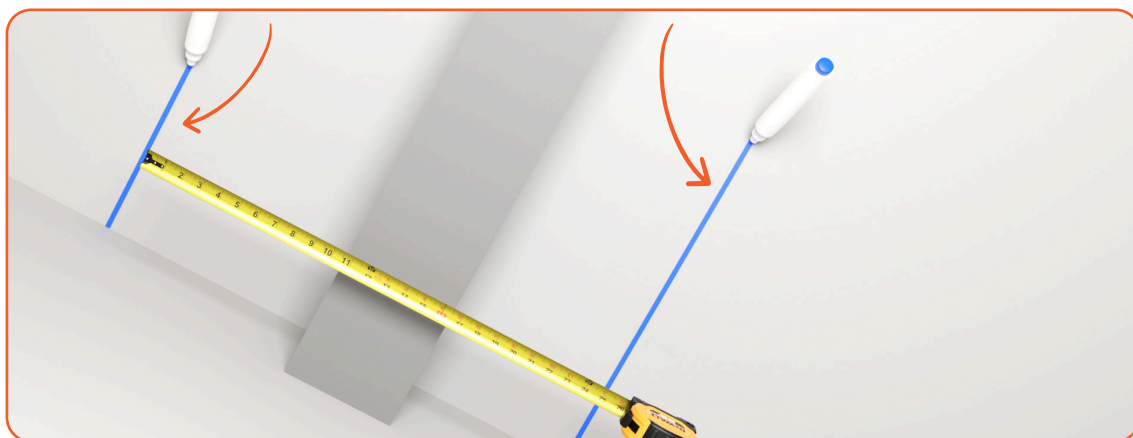
this is where the side tracks will go

CHECKLIST #3 : ROOM

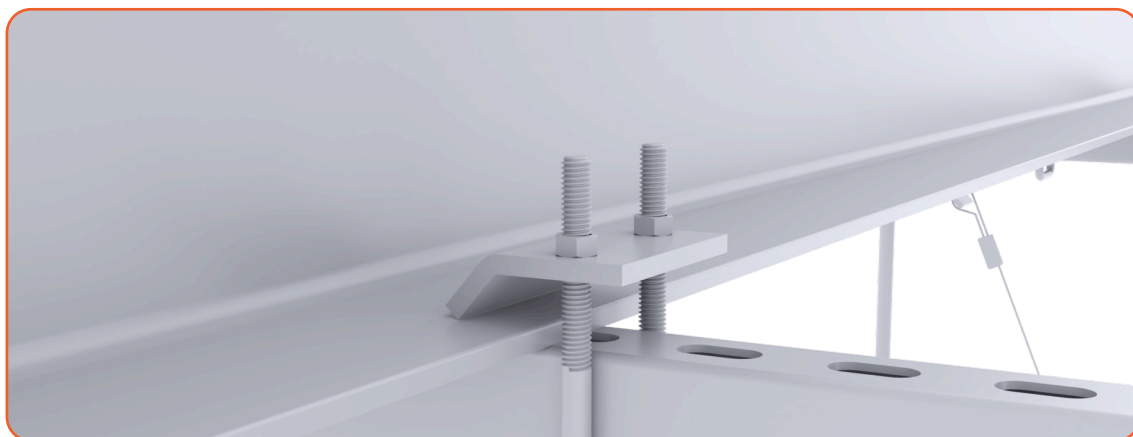
F. Verify once more that the system you ordered and the room measurements match



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



HOUSING INSTALLATION : INSIDE THE BOX

BEGINNING UNIT - HM1066



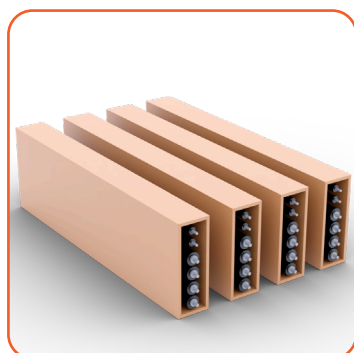
Beginning housing
frame



2 tubes



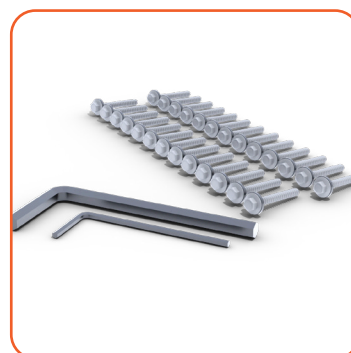
Under-housing covers
and access panels



3 sets of:
4 large rollers
2 small rollers

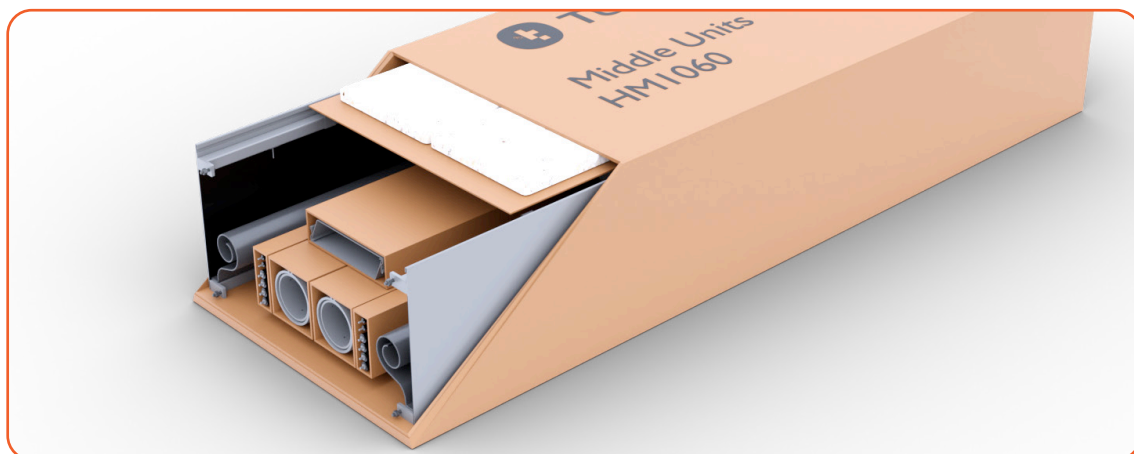


Soundboards



Screws and tools

HOUSING INSTALLATION : INSIDE THE BOX

MIDDLE UNIT - HM1060

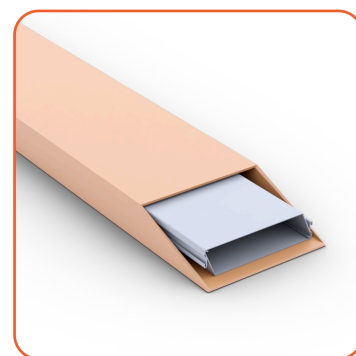
Each Middle Unit box contains:



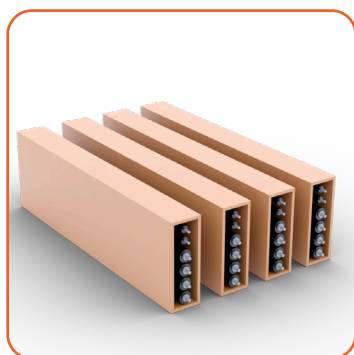
Middle housing frame



2 tubes



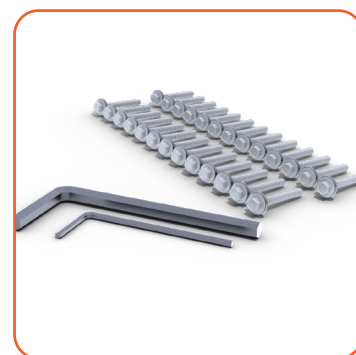
Under-housing covers



3 sets of:
4 large rollers
2 small rollers



Soundboards



Screws and tools

HOUSING INSTALLATION : INSIDE THE BOX

ENDING UNIT - HM1089



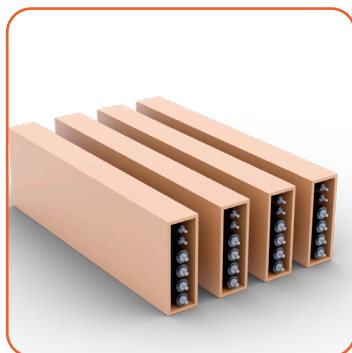
Ending housing frame



2 tubes



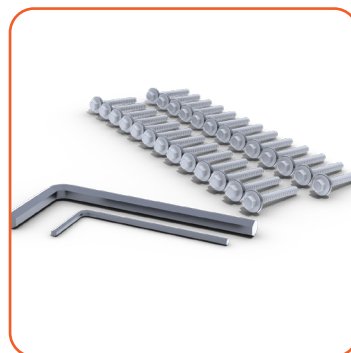
Under-housing covers
and access panels



3 sets of:
4 large rollers
2 small rollers

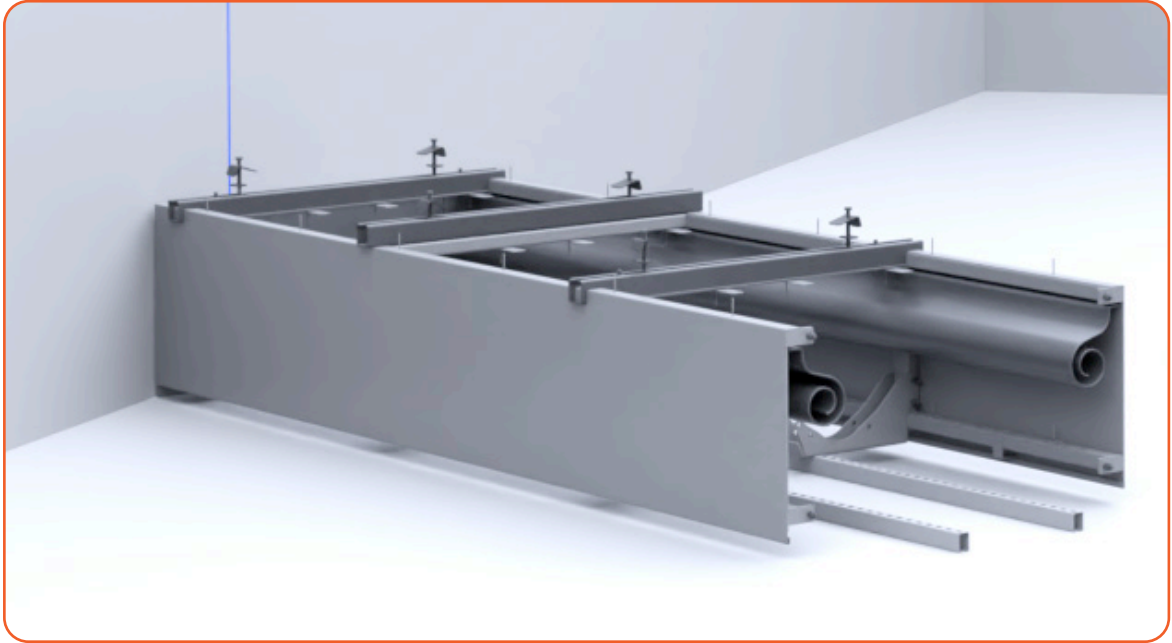


Soundboards



Screws and tools

HOUSING INSTALLATION : ASSEMBLY



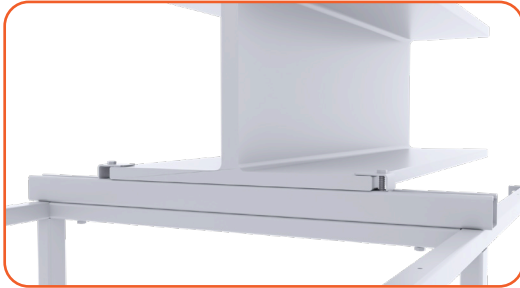
Place metal rods under the housing so the unit remains intact when you lift it



Set all the housing modules on the floor before installation

HOUSING INSTALLATION : ASSEMBLY

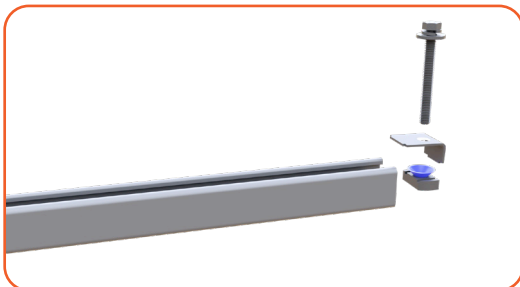
Follow the instructions that are relevant to your system and refer to the mini manual for more information



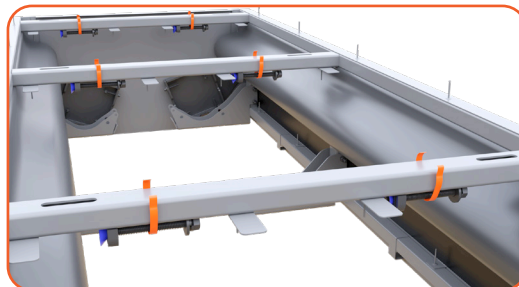
DIRECT TO I-BEAM



CROSS/DROP SECTION



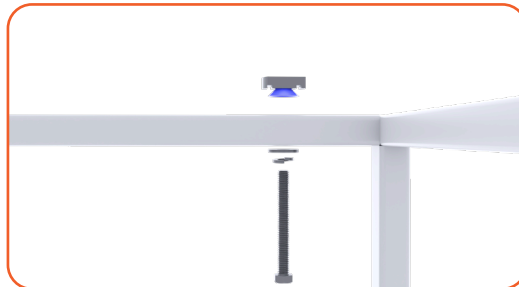
Insert the screw clamp and washers into the unistrut



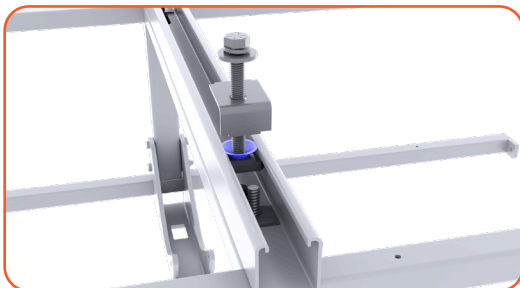
Disconnect the screws from the housing



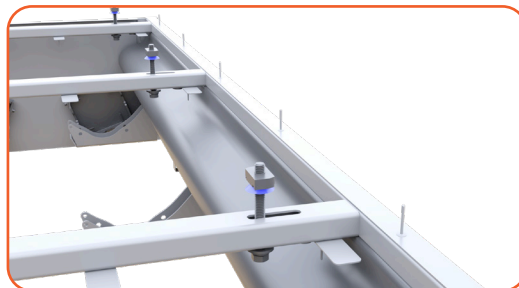
Connect the unistrut to the housing
Note: Do not tighten the screw, You will need space for leveling



Insert the screws and washers into the housing



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



Connect all 6 screws

HOUSING INSTALLATION : INSTALLATION

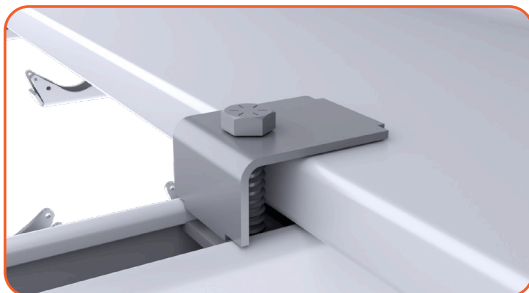


Use the material lift to raise the first housing unit

DIRECT TO I-BEAM

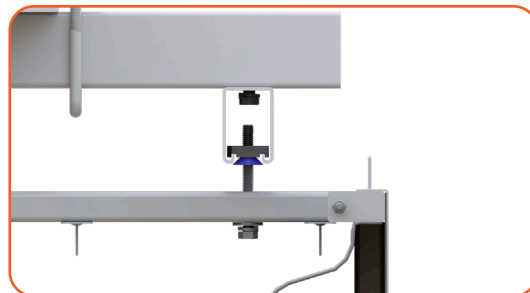


Push the screw clamp in



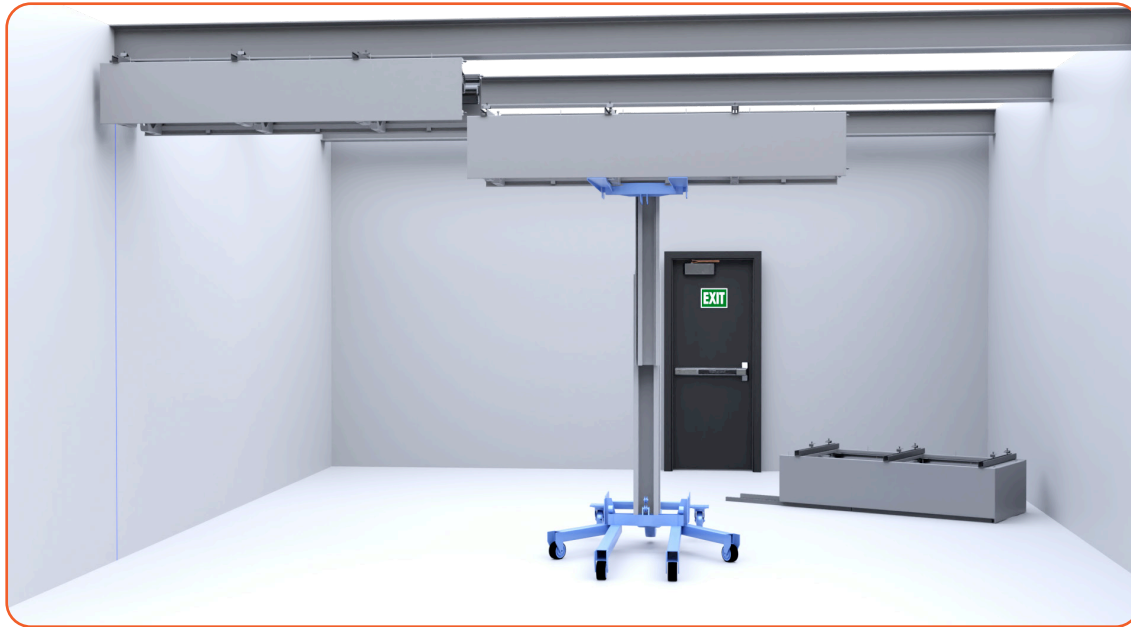
Tighten the screw

CROSS/DROP SECTION



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

HOUSING INSTALLATION : INSTALLATION



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



Repeat the previous steps to install the ending housing frame

HOUSING INSTALLATION : INSTALLATION



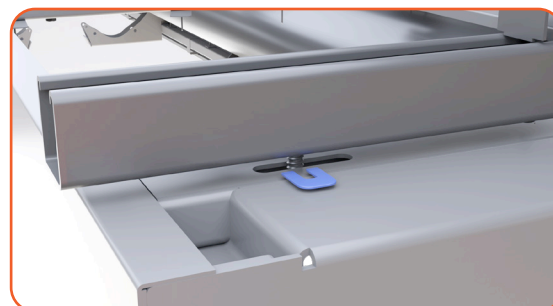
Project a laser beam across the housing. If it isn't leveled, use the laser's lowest point as a guide to level the housing



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



Join each housing unit together



If needed 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

END RESULT



INSTRUCTIONS



Open the fingers



Insert the boards



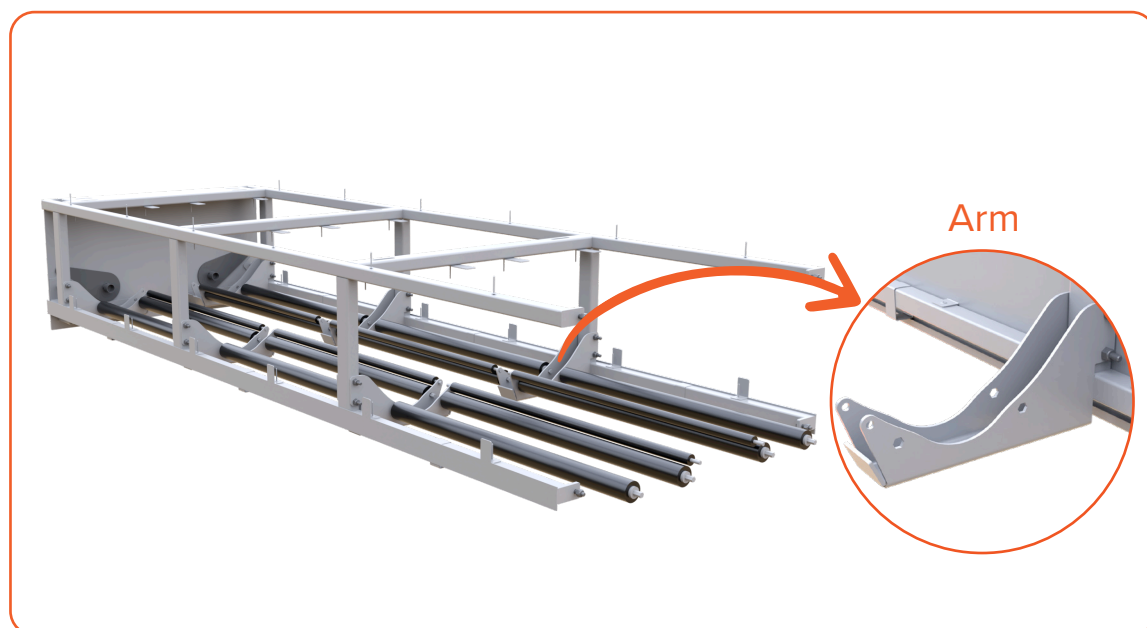
Lock the fingers



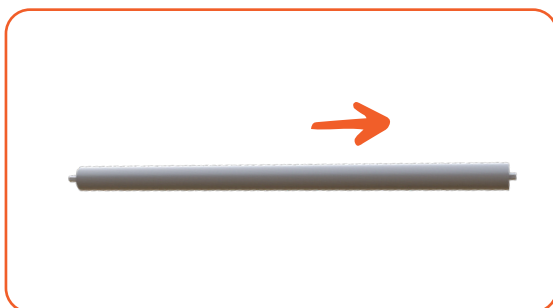
Repeat for all the soundboards

HOUSING INSTALLATION : ROLLERS

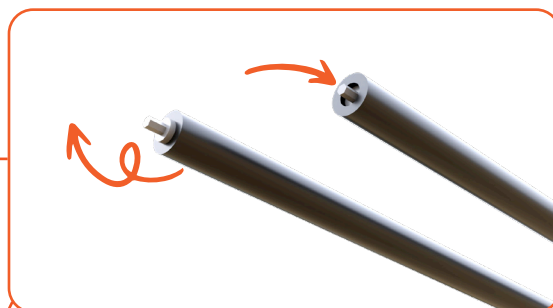
END RESULT



INSTRUCTIONS



All rollers should be facing the same way



Note: Only one side could be pushed in



Insert the rollers into the arms

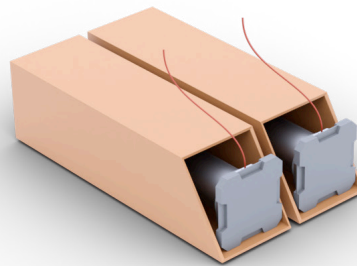
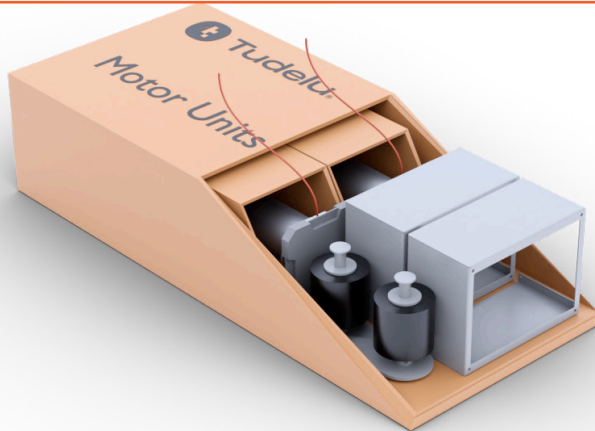
1. Larger rollers go on either side
2. Smaller rollers go in the center



Repeat on the other side

MOTOR UNIT : INSIDE THE BOX

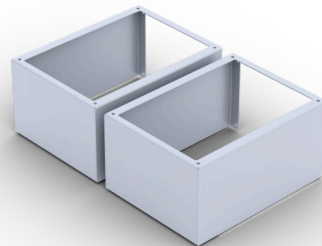
MOTOR UNIT - HM1138



2 motors



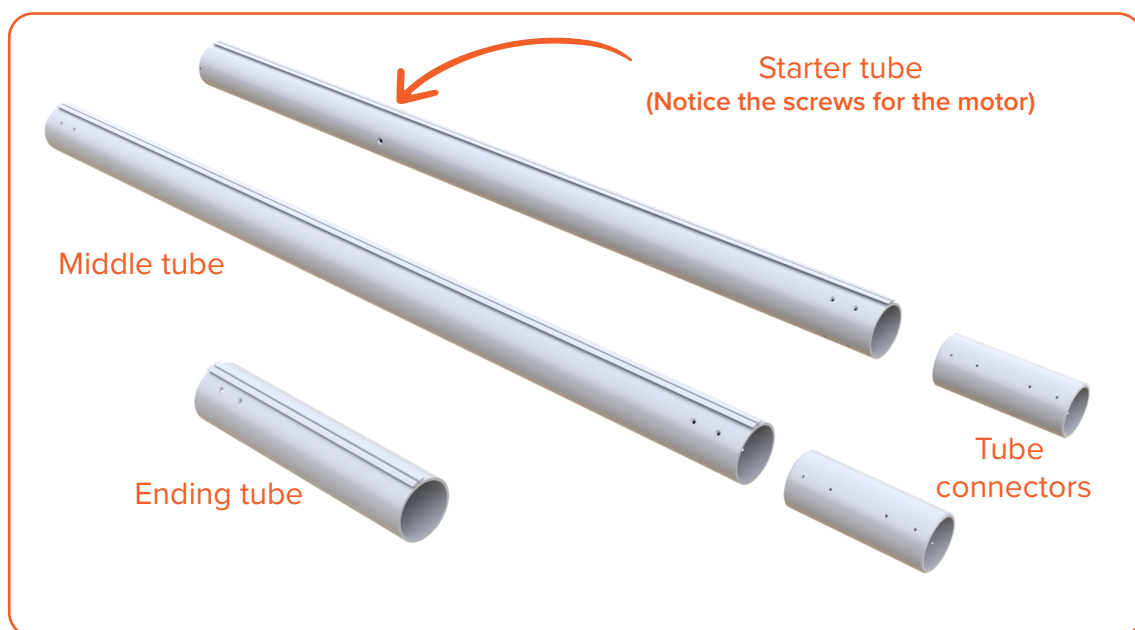
2 idlers



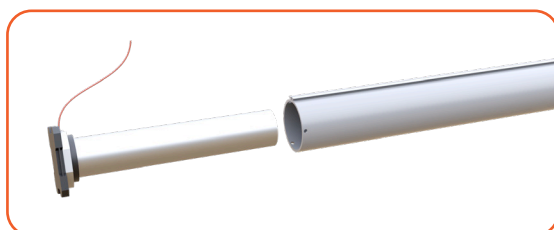
2 control boxes

HOUSING INSTALLATION : TUBE ASSEMBLY

TUBE PART BREAKDOWN

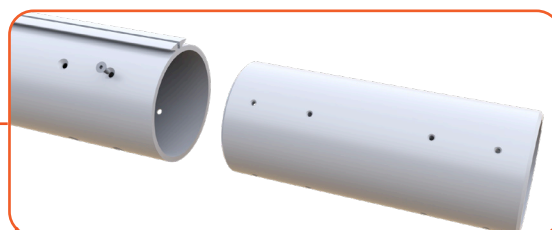


INSTRUCTIONS



Connect the motor to the starter tube

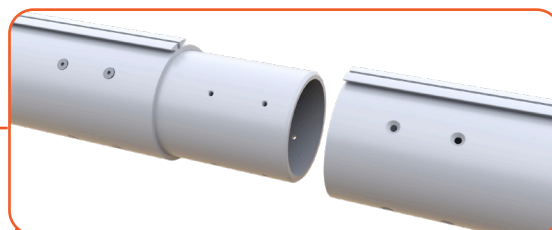
Note: The screws connecting the motor are different than the screws connecting the tubes to the connectors



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



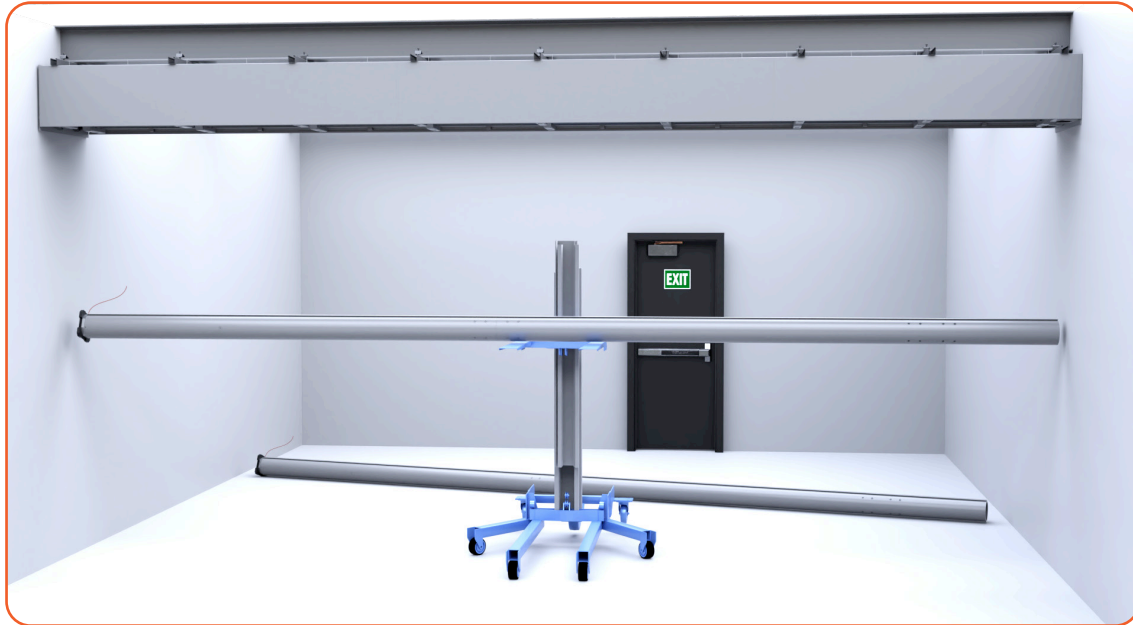
Repeat until all the tubes are connected



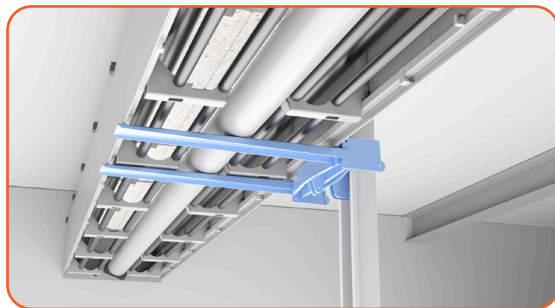
Insert the idler to secure the system

HOUSING INSTALLATION : TUBE INSTALLATION

INSTRUCTIONS



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



Lift the tubes to the center of housing

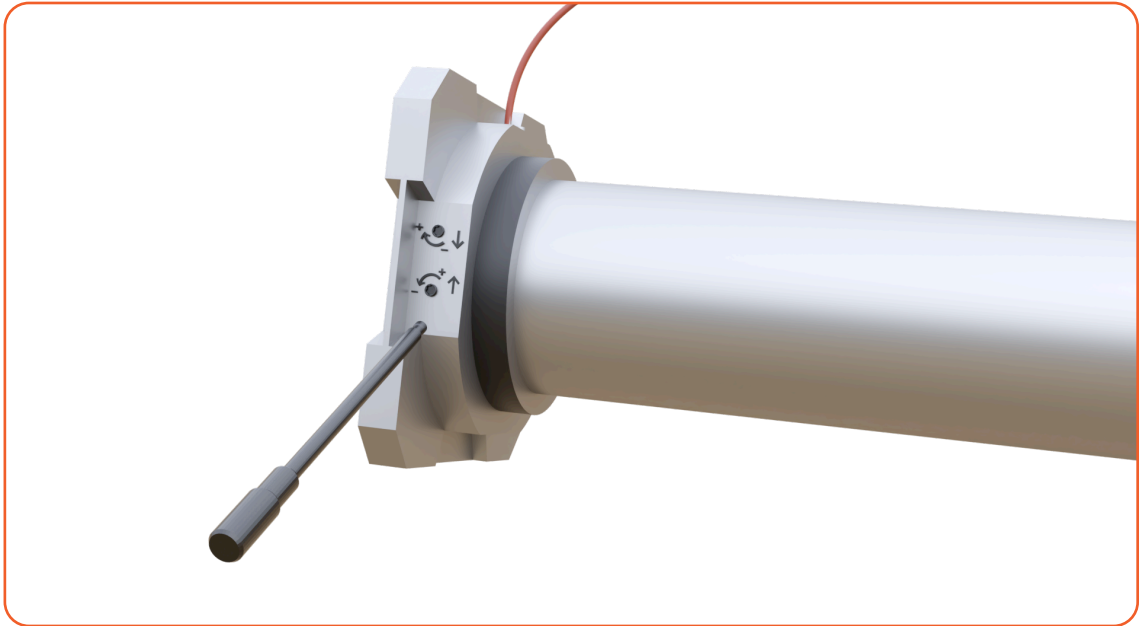


Push the tubes into the arms on both sides

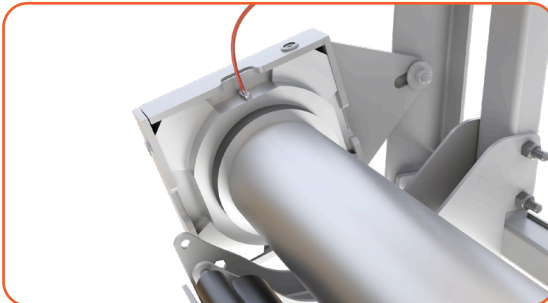


Side view of the tubes inside arms

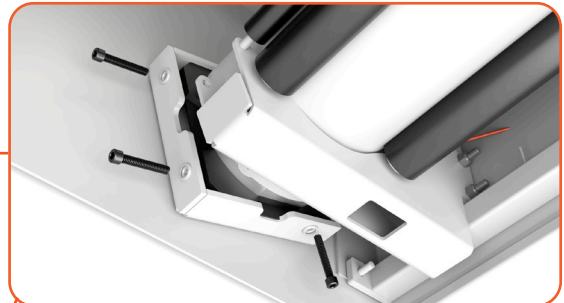
HOUSING INSTALLATION : TUBE INSTALLATION



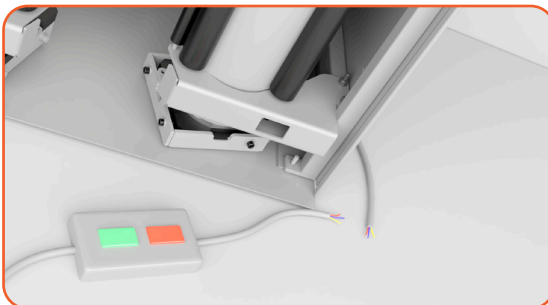
Ensure that the limit adjusters are on the bottom of the housing
(facing the floor)



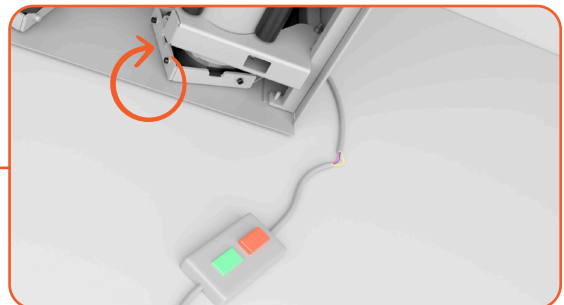
Push the tube with the motor into the
motor connector
(make sure it's all the way in)



Insert and tighten the screws



Connect the tube wire to the
temporary connection

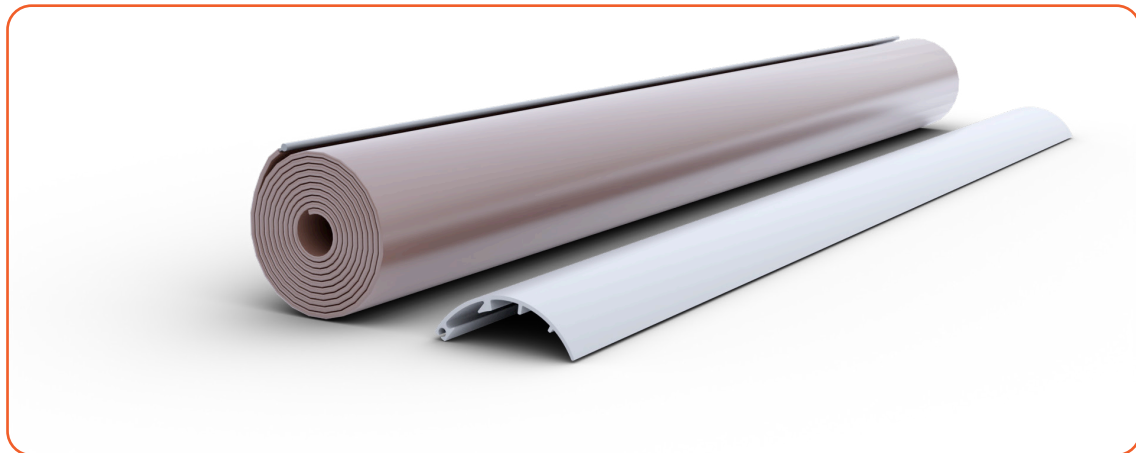


Rotate the motor downwards

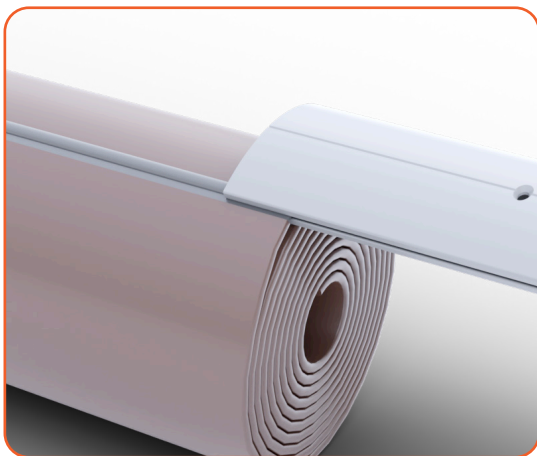
WALL PANEL UNIT : INSIDE THE BOX



Heavy-duty paper tubes



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

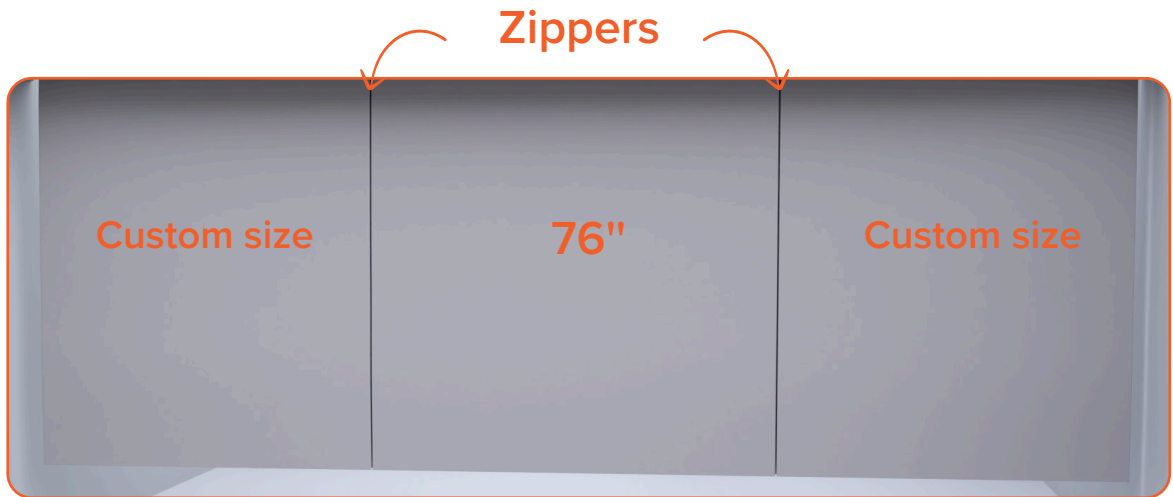


Slide the hook attachment into the wall panel



Press on the end of the hook attachment to lock it in

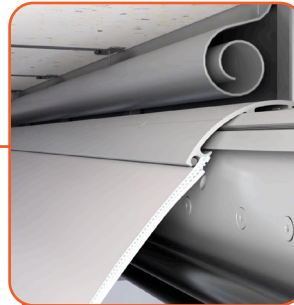
WALL PANEL UNIT : INSTALLATION



INSTRUCTIONS



Use the material lift to raise the wall panel



Connect the top of the metal attachment to the tube

Start from the bottom



Then click in to the top



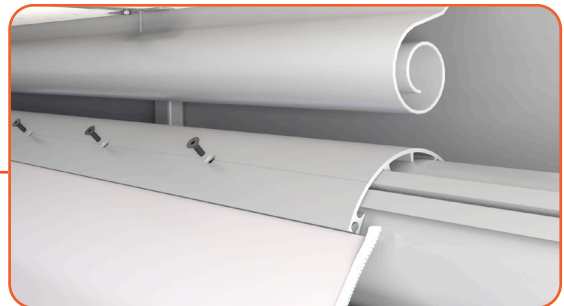
Slowly lower the lift



Measure 3" from the wall



Slide the wall panel to 3" from the wall

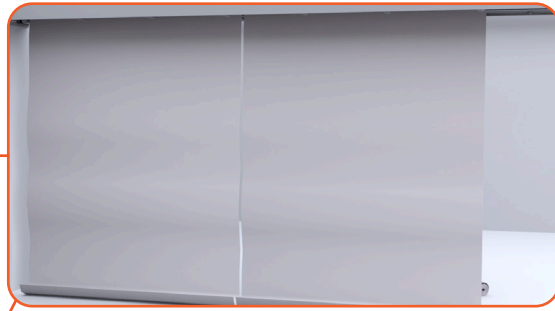


Insert the attachment screws to prevent the wall panels from moving

WALL PANEL UNIT : INSTALLATION



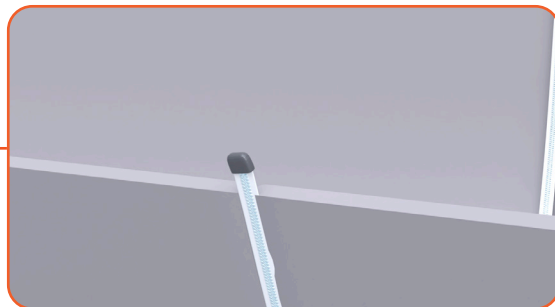
Raise the next wall panel roll



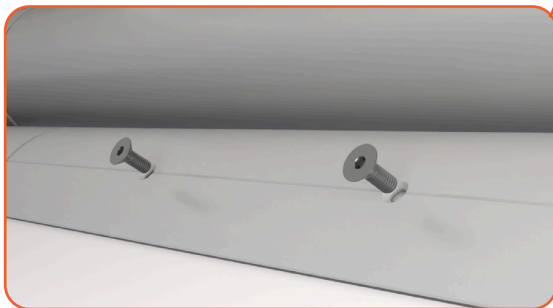
Slide it next to the first wall panel



Zipper both sides of the wall panels



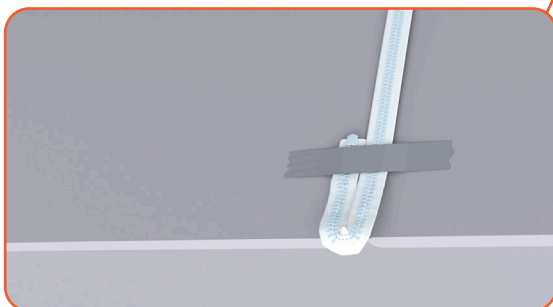
Lock the zipper on each side with a zipper stopper



Insert and tighten the screws on top of the metal panel attachment



Tape the zipper to the tube



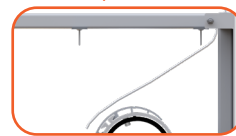
On the bottom of the panel fold the zipper and tape it to the inside of the wall panel



Open the flap



Flap closed

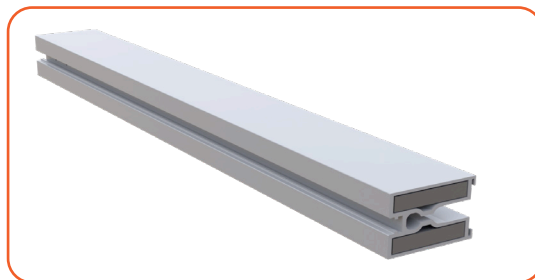


Flap open

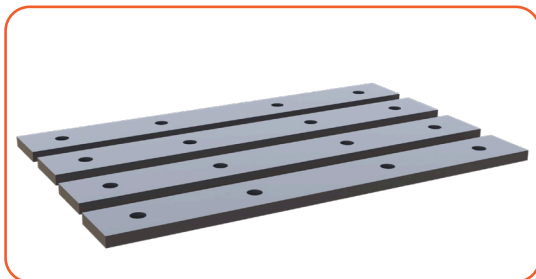
WEIGHT AND BOTTOM BAR : INSIDE THE BOX



2 bottom bars



2 weight bars



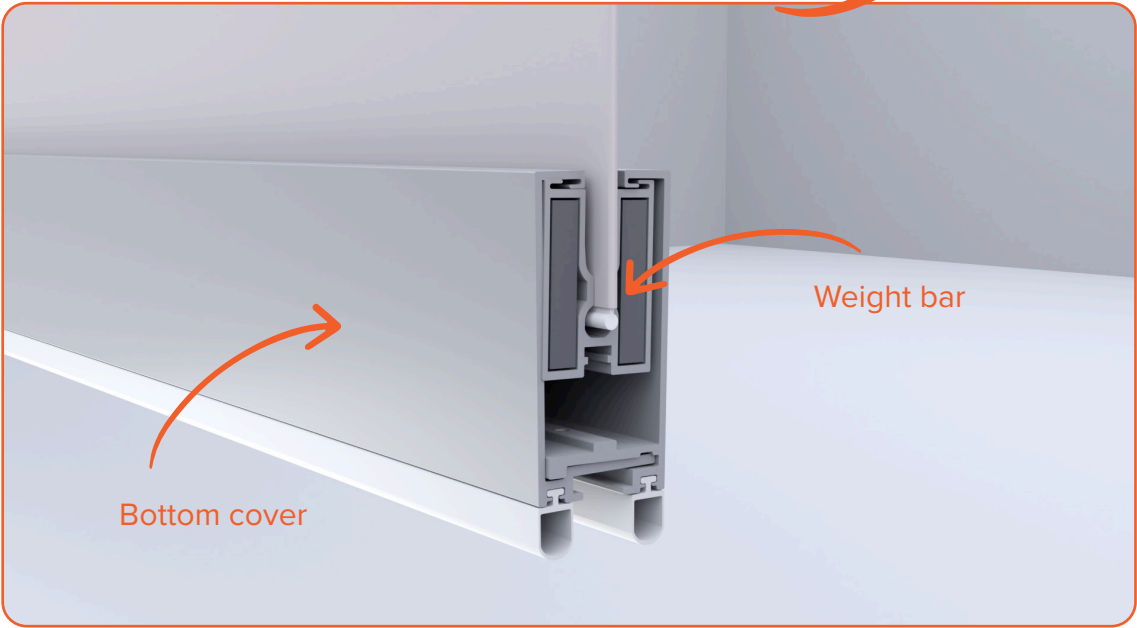
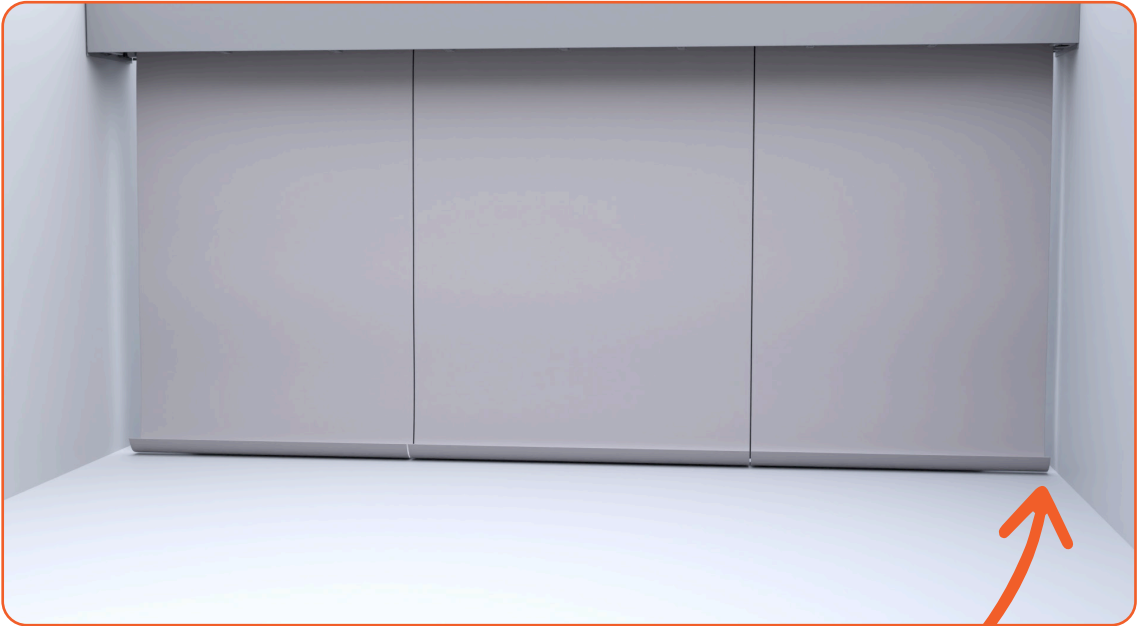
Bottom bar connectors
(large)



Weight bar connectors
(small)

WEIGHT AND BOTTOM BAR : INSTALLATION

END RESULT

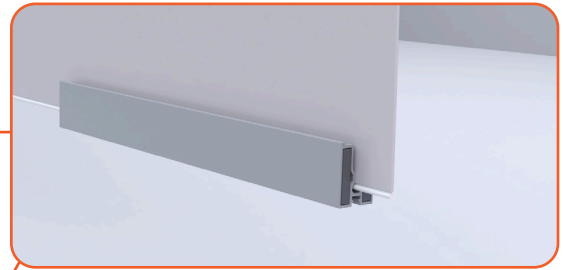


Side view

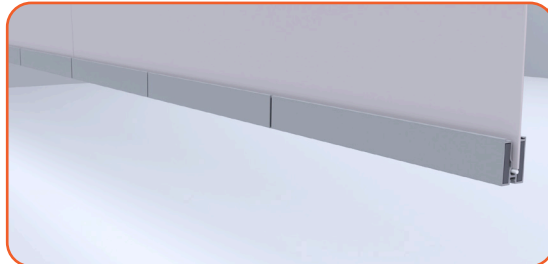
WEIGHT AND BOTTOM BAR UNIT: INSTALLATION



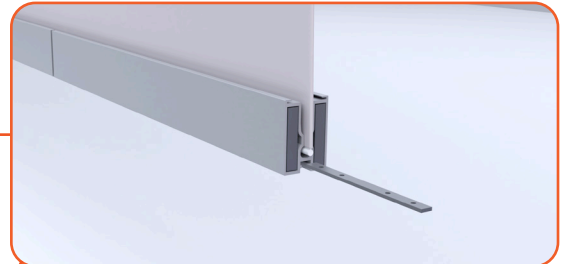
Raise the wall panels off the floor



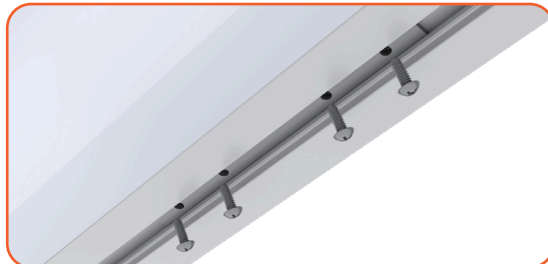
Slide the weight bar into the wall panel



Repeat the previous steps to all the wall panels



Slide the small weight bar connector into the weight bar under the wall panel



Insert the screws into the weight bar connector



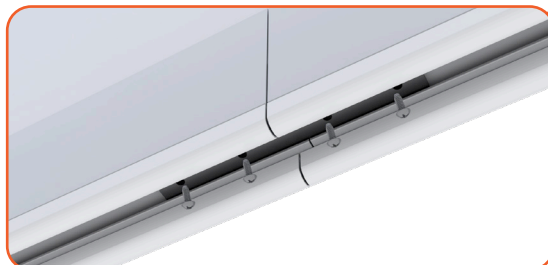
Attach the bottom bar



Attach the other side of the bottom bar



Slide the large weight bar connector into the bottom part of the weight bar

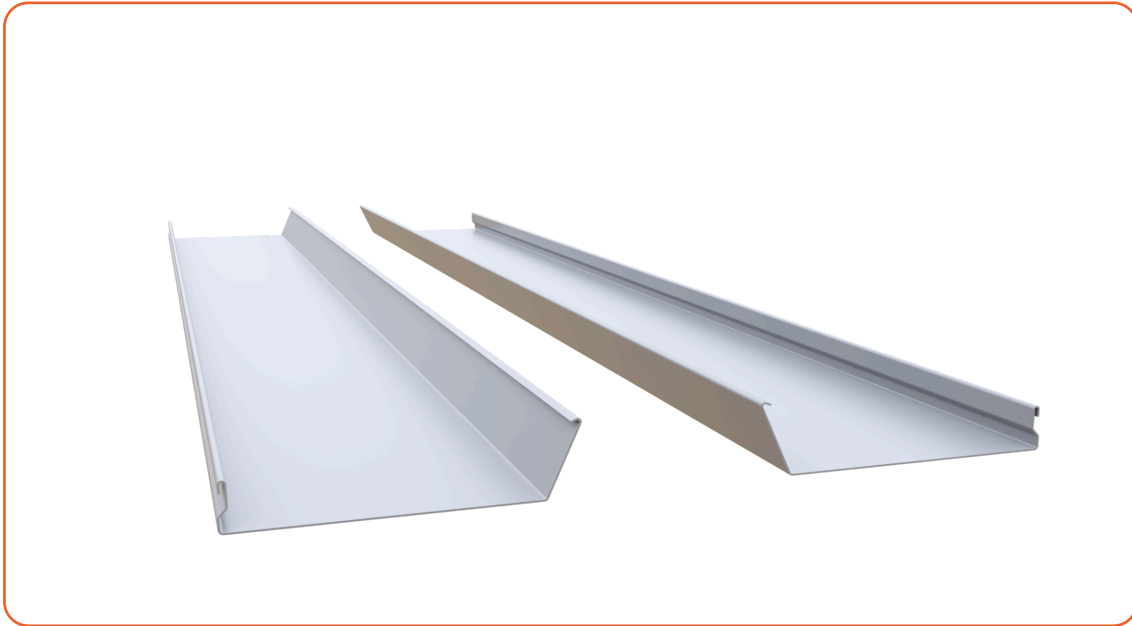


Insert the screw and tighten

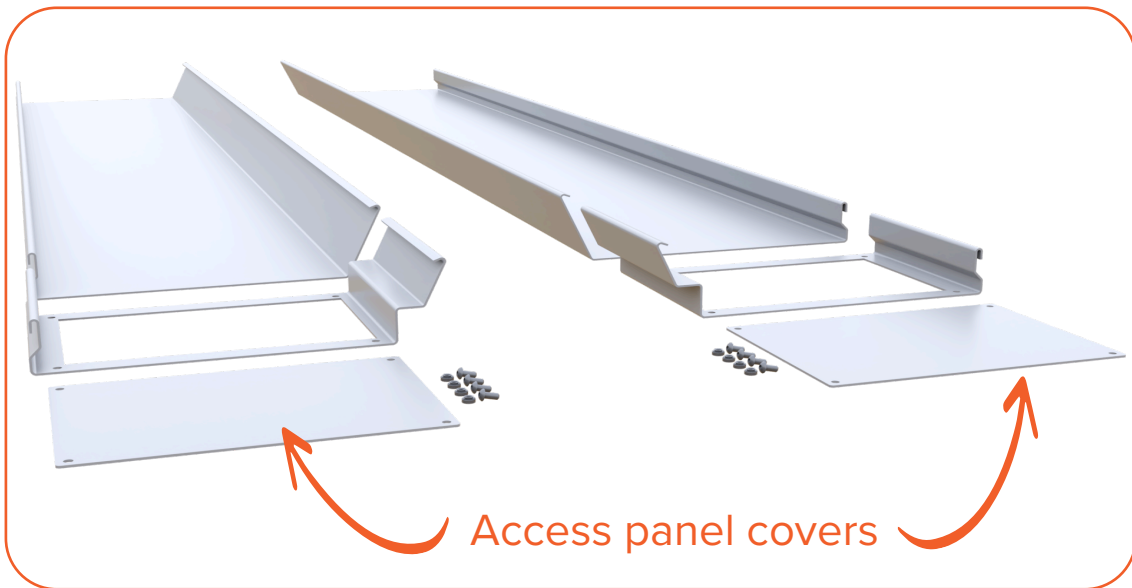


Repeat the steps to the other side of wall

UNDER-HOUSING COVER : INSIDE THE BOX



Middle under-housing covers

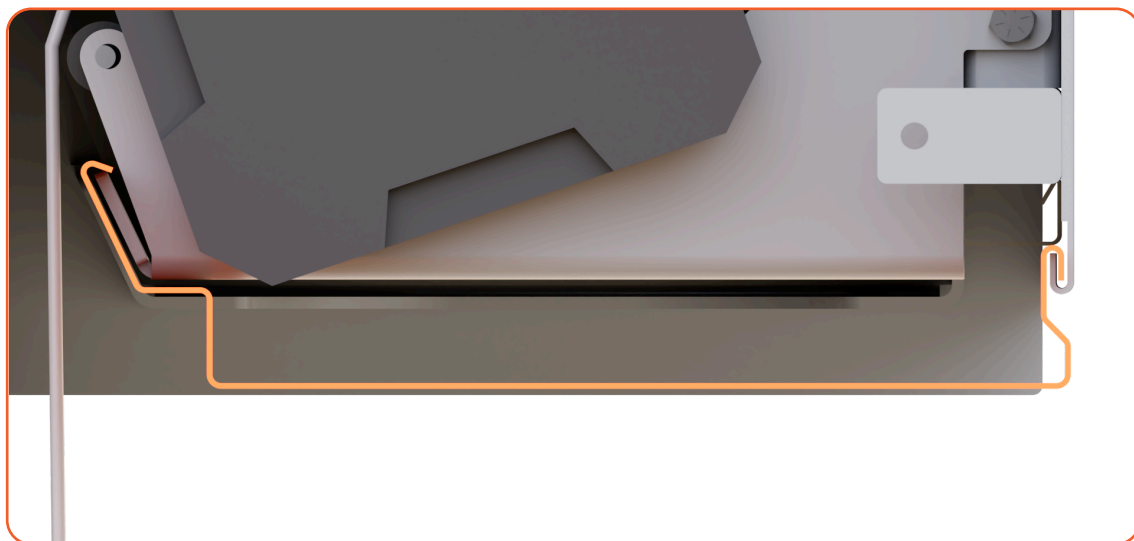


Beginning/ending under-housing covers

DO NOT REMOVE PROTECTION FILM UNTIL CONSTRUCTION IS COMPLETE

UNDER-HOUSING COVER : INSTALLATION

END RESULT



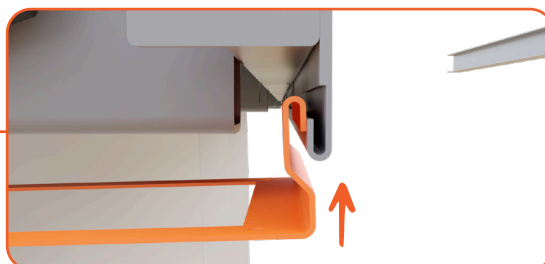
Side view of under-housing cover

UNDER-HOUSING COVER : INSTALLATION

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



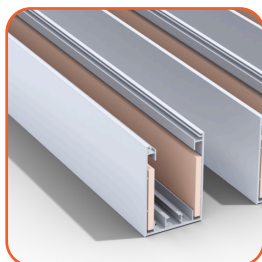
Insert the aligner piece and tighten the screws



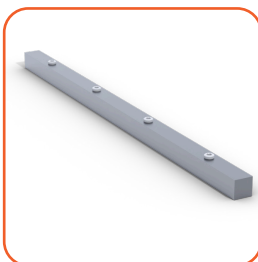
Screw the bottom covers on the idler end

SIDE GUIDE : INSIDE THE BOX

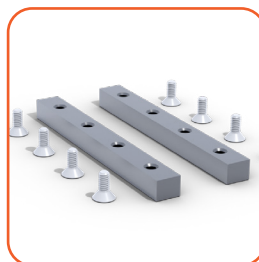
SIDE GUIDE UNIT - GM1018



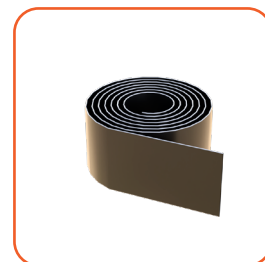
Side guide
extrusion



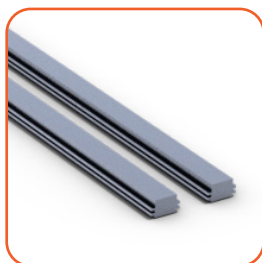
Aligners



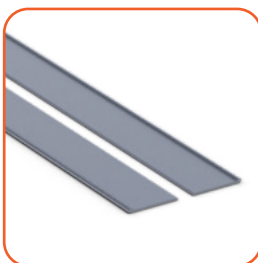
Connectors



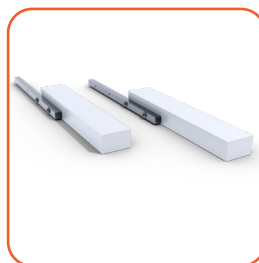
Sensor cable
raceway



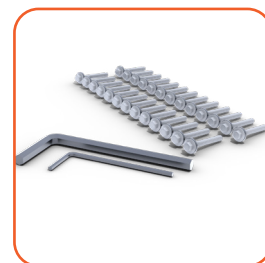
SG-13 sensor
transmitter



Rubber seal



Top attachment



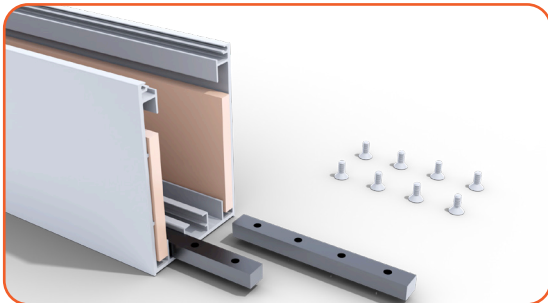
Tools & screws

SIDE GUIDE : ASSEMBLY

END RESULT



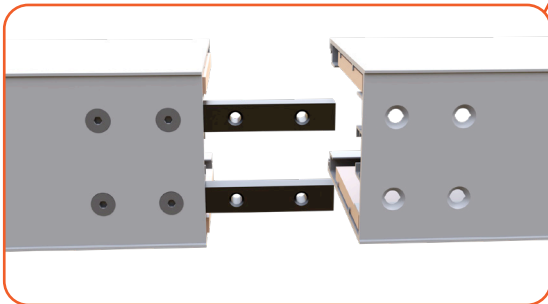
INSTRUCTIONS



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



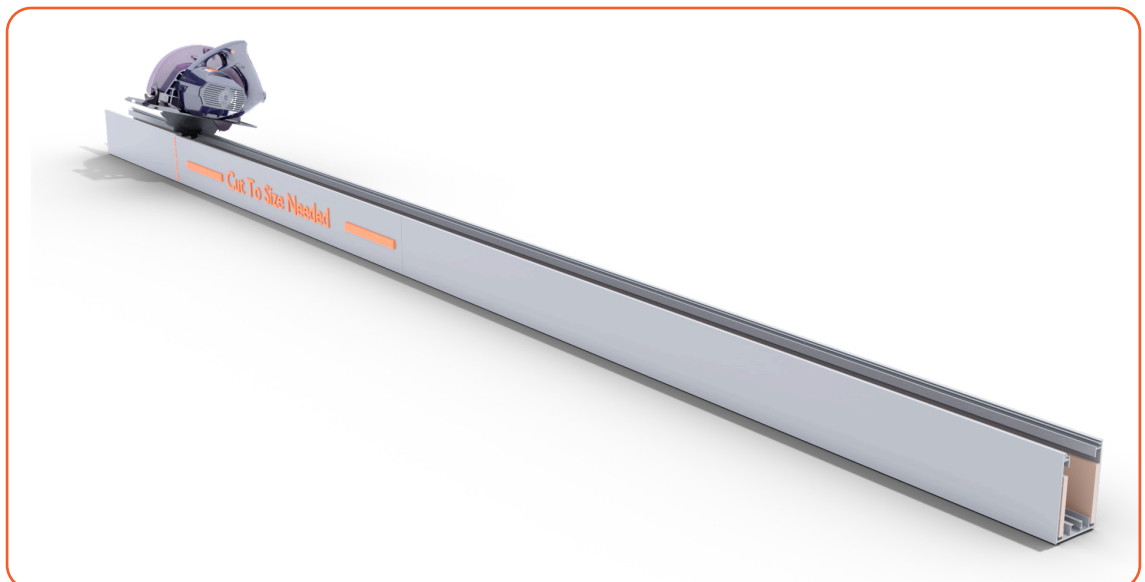
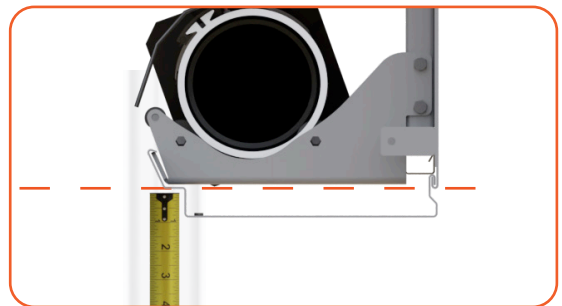
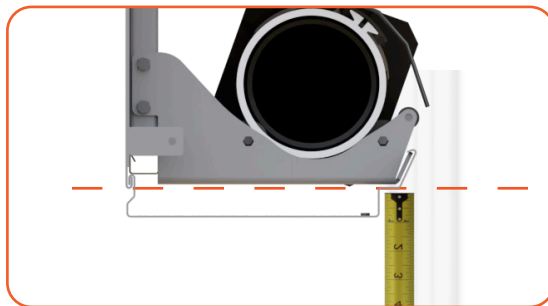
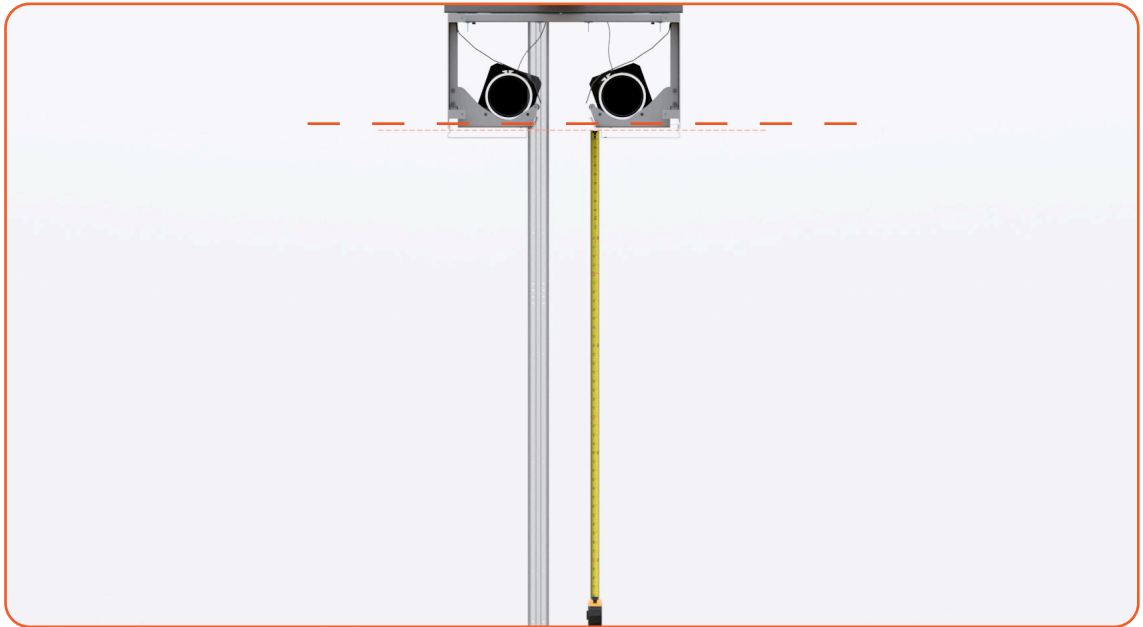
Insert the aligners



Use an allen key to tighten the screws

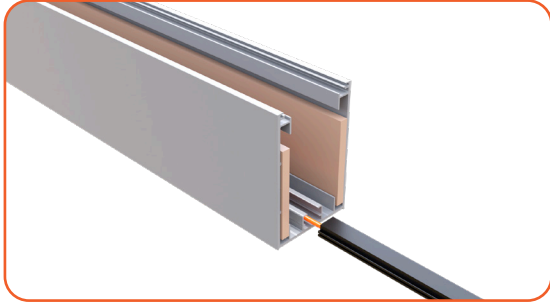
SIDE GUIDE : ASSEMBLY

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

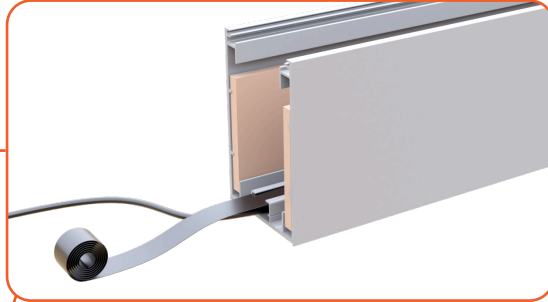


cut side guide accordingly

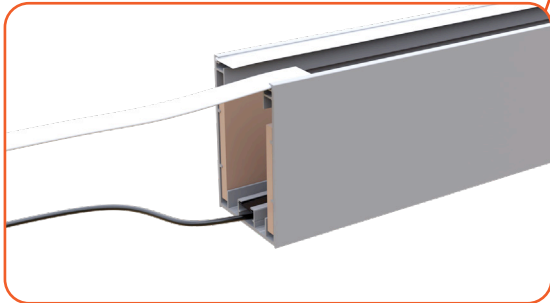
INSTRUCTIONS



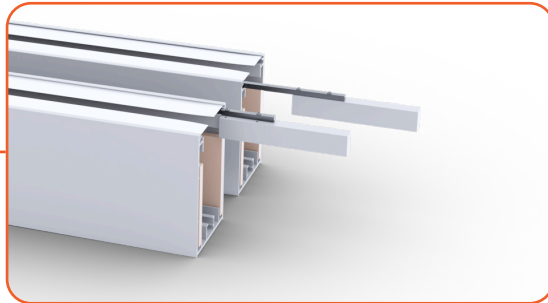
Insert an SG-13 sensor transmitter into to one track and reciver into the other
Note: Sensor should be facing up



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



Slide the rubber seals into the side guide



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

SIDE GUIDE : INSTALLATION

INSTRUCTIONS



Insert the side guide into the middle of the housing



Push it against the wall

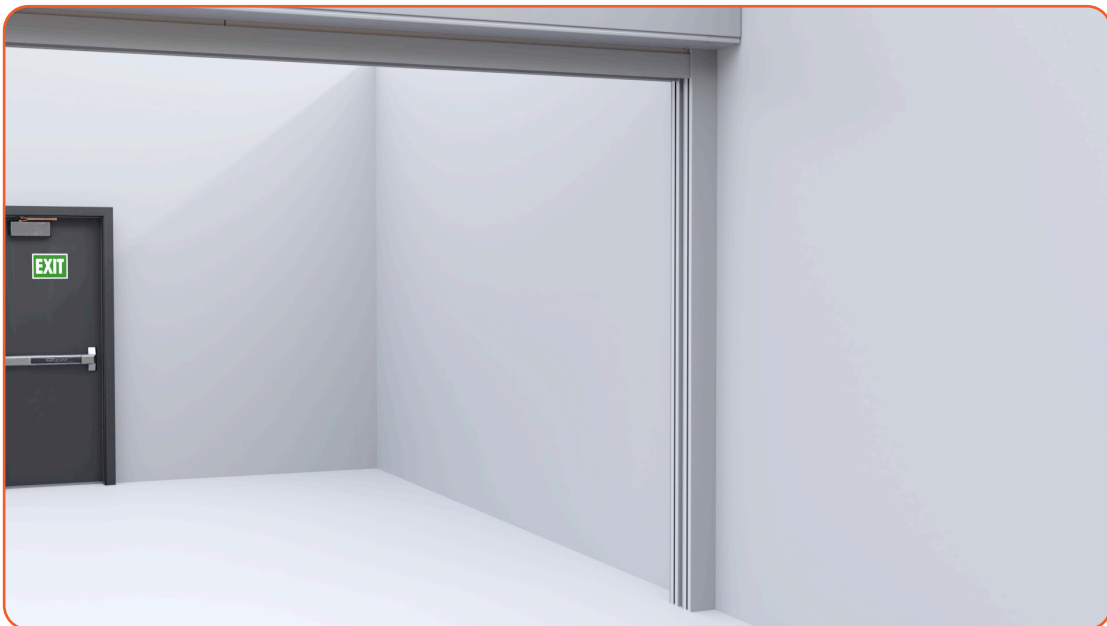


Use a leveler to make sure the front and side are leveled

SIDE GUIDE : INSTALLATION



Insert the screws into the side guide



END RESULT

CONTROL BOX : INSTALLATION



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



Connect control box to access panel



Connect control box to the wall

CONGRATULATIONS ON YOUR MASTERPIECE!

View with the partition raised



View with the partition lowered

