

Built-In Casing Installation Kit for VSI Models

iVector S2 | 2022-04-01

US/CND



1. Warnings

- ⚠ This instruction sheet must be read in conjunction with the main installation manual supplied with the appliance. Please consult the main manual for general information and safety rules.
- ⚠ The installation must be performed by qualified personnel.

- ⚠ For the correct function of the unit, the working space must be kept clean. Please ensure that waste offcuts, debris, dirt and dust are cleared away from the metal casing prior to installing the unit.

2. List of accessories

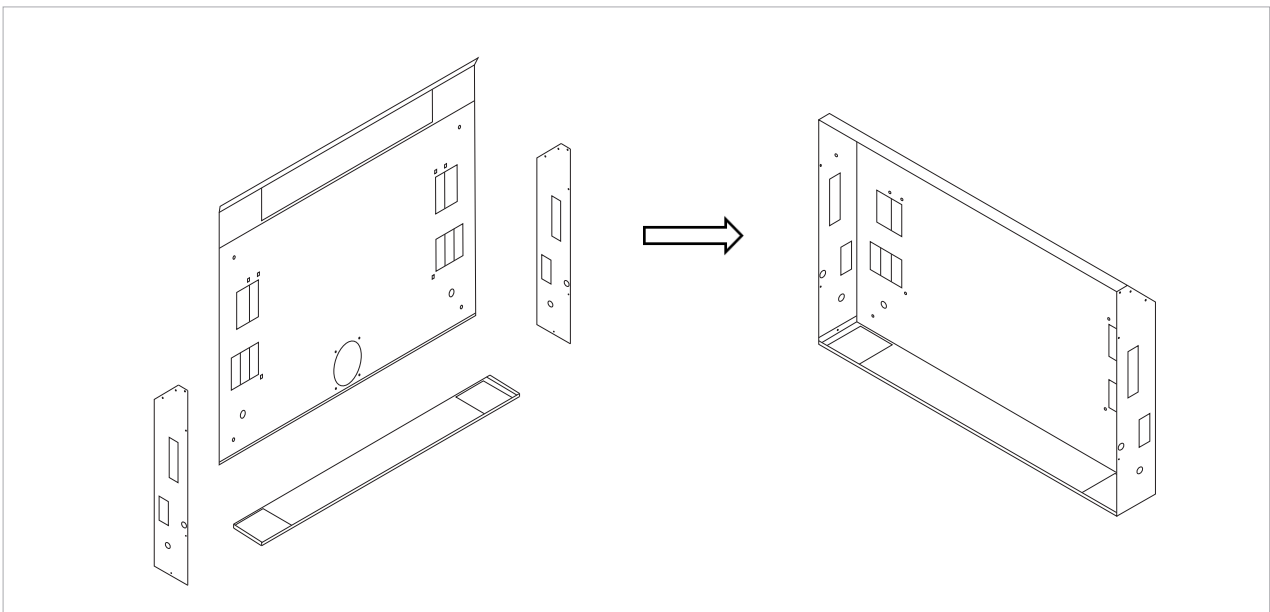
AVAILABLE KITS		
Model	Code	Length in mm (nominal inch)
VSi 7	S2_AMC_VSi7	740 (29 1/8)
VSi 9	S2_AMC_VSi9	940 (37)
VSi 11	S2_AMC_VSi11	1140 (44 7/8)
VSi 13	S2_AMC_VSi13	1340 (52 3/4)
VSi 15	S2_AMC_VSi15	1540 (60 5/8)

3. Standard supply

This kit consists of:

- 1 metal case
- M6 cage nuts & fixing screws
- 1 casing rear insulation piece
- 2 casing side insulation pieces

- ⚠ The casing is supplied assembled with the exception of the insulation and mounting screws which must be installed onsite.



4. Application

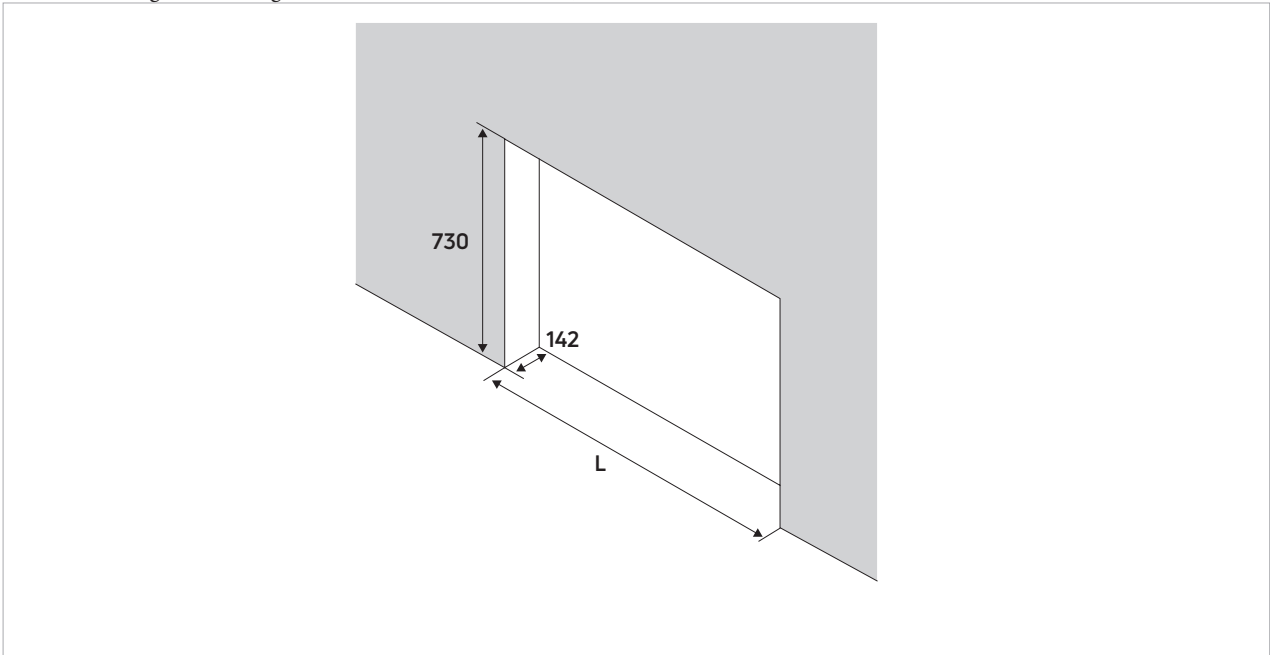
The casing is for installation of the built-in VSi units mounted in the following positions:

- Recessed vertical installation with non-ducted horizontal outlet.

- Recessed horizontal ceiling installation with non-ducted vertical outlet.
- Recessed horizontal ceiling installation with ducted horizontal outlet.

5. Vertical built-in installation

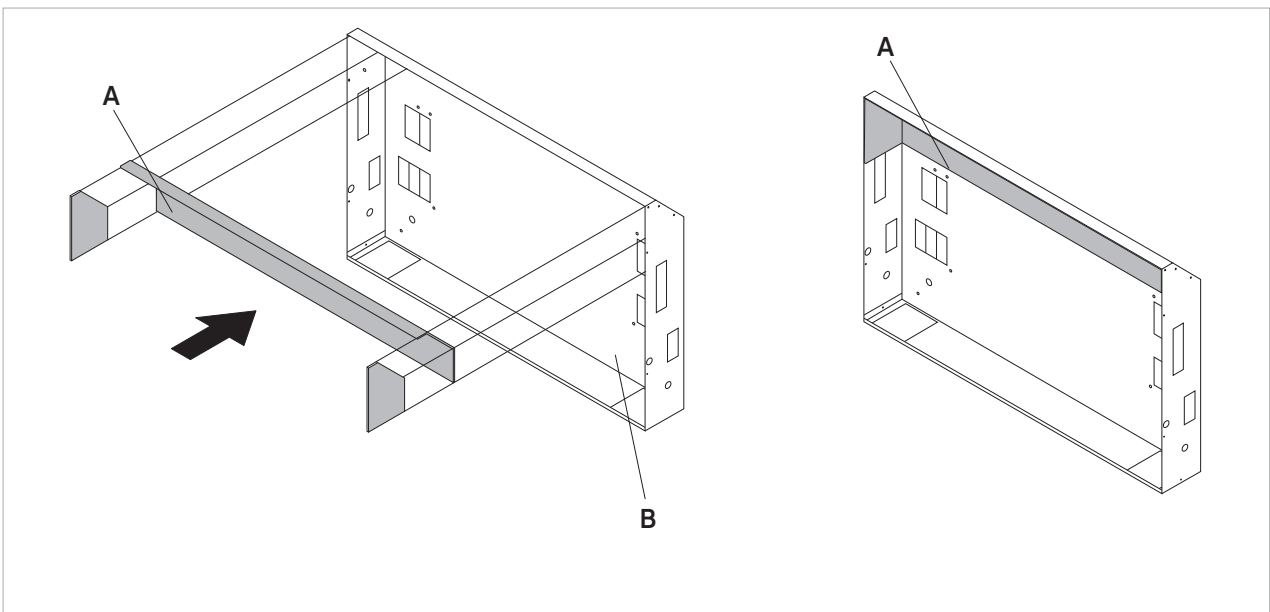
- Make a hole in the wall starting flush with the expected finished floor level and with a height of 730mm (nominal 28^{-3/4} inches), depth of 142mm (nominal 5^{-5/8} inches) and a minimum length according to the table in section 2 above).



- Apply the 3 insulating panels supplied with the kit to the internal upper part of the metal casing.

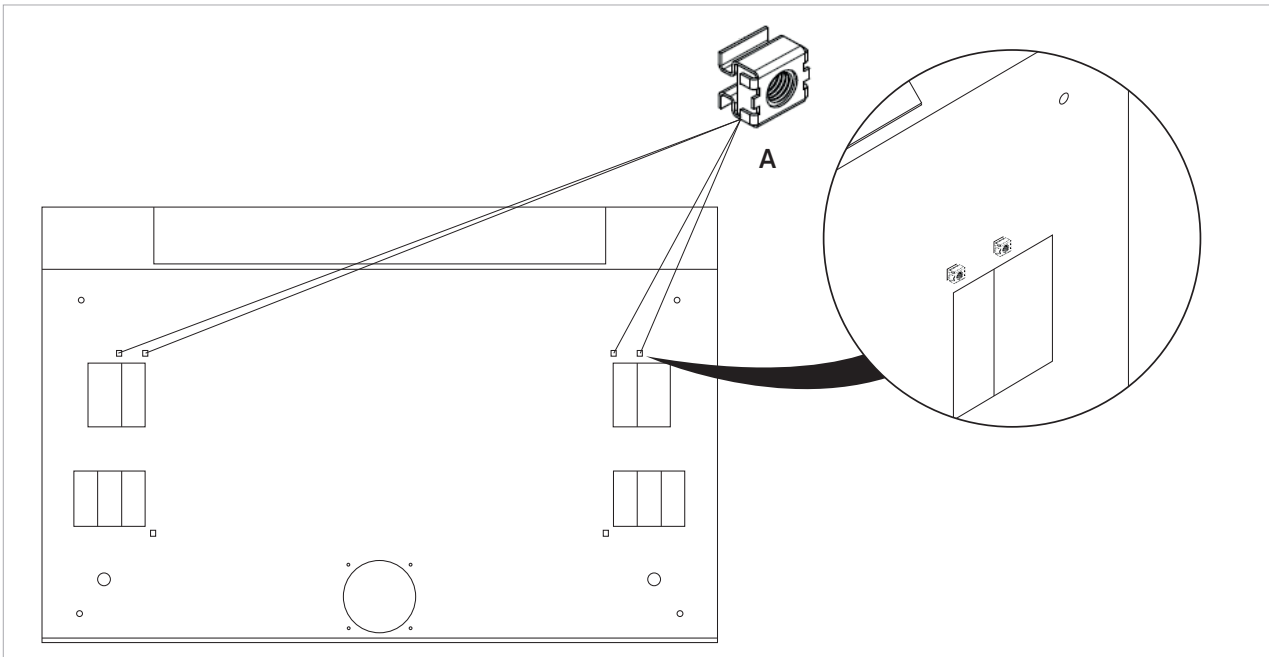
A Insulating panels

B Metal casing



- Fit the M6 cage nuts on the rear of the metal casing.
- Ensure clearance around cage nuts within wall cavity. **A**
- Drill holes in wall for fixing the casing.

Cage nut insertion holes

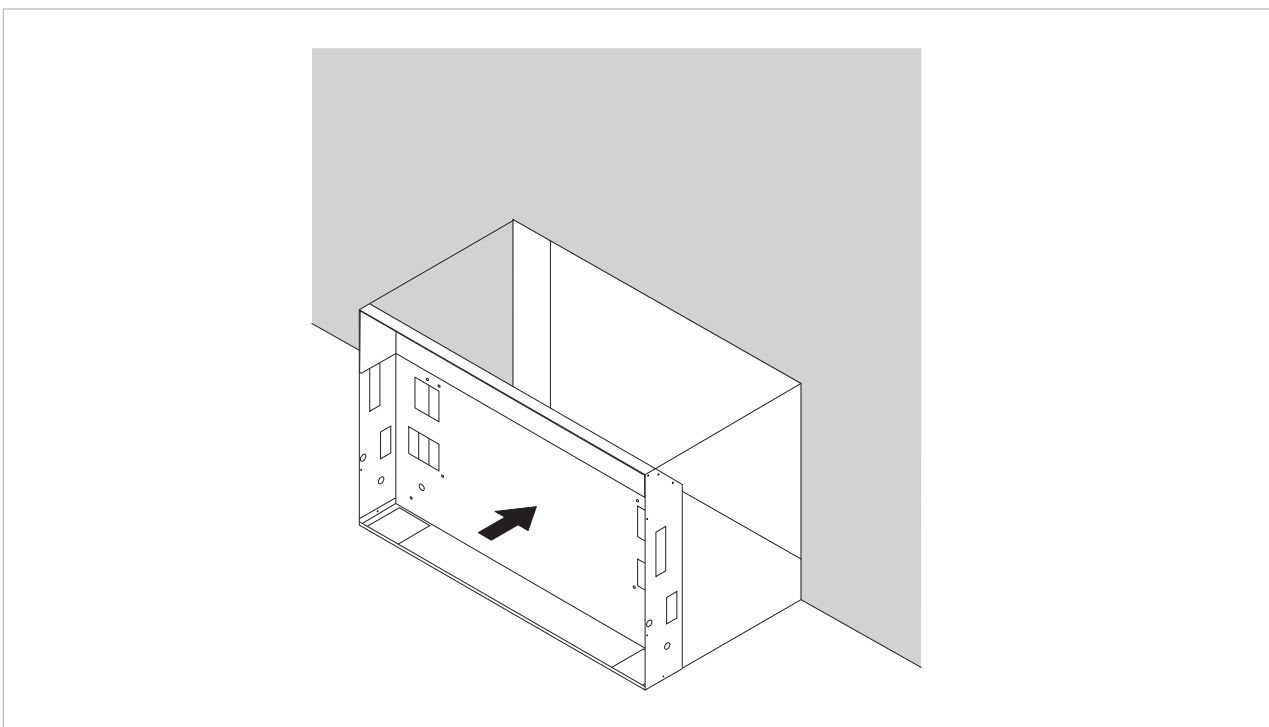


- Firmly secure the metal casing to the wall using suitable fixings.

 Make sure the casing does not deform during fixing.



Regularly clean a way waste offcuts, debris, dirt and dust from the casing and ensure it is clean prior to fitting unit.



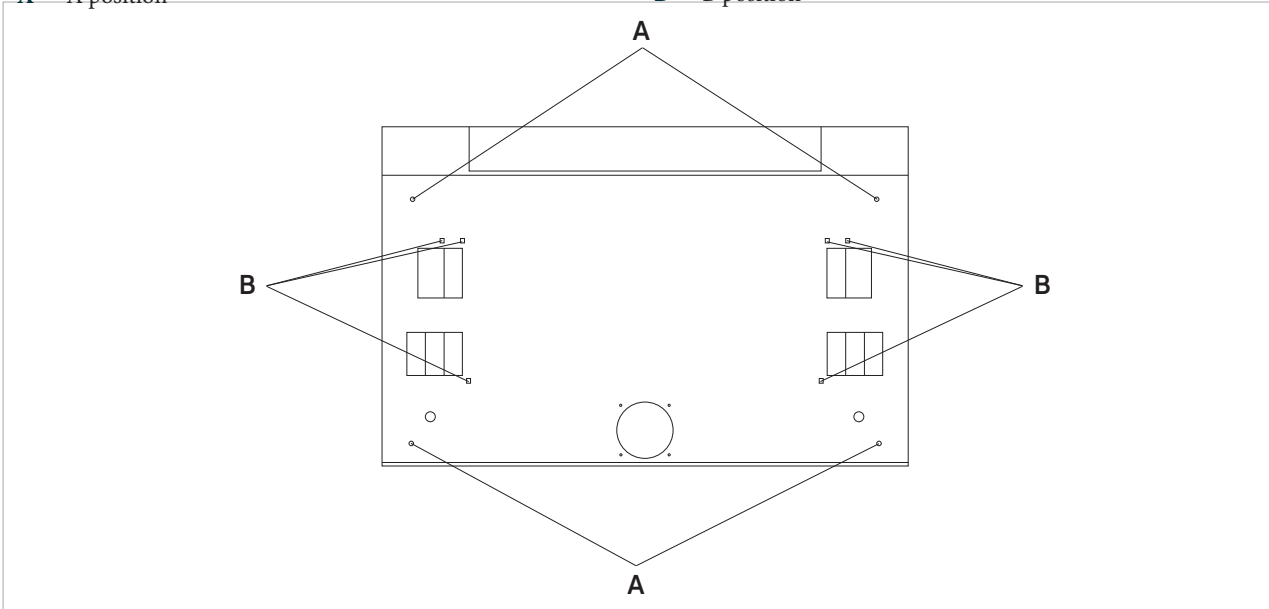
6. Horizontal built-in installation with non-ducted outlet

- Create a hole in the ceiling, height 142mm (nominal 5-⁵/₈ inches), width 730mm (nominal 28-³/₄ inches) and length according to the table in section 2.
- Apply the 3 insulating panels supplied with the kit to the internal upper part of the metal casing.

- Create 10 holes, diameter 8 mm (nominal ⁵/₁₆ inches), at the A and B positions of the metal casing and insert toggle bolts suitable to support the weight of the casing and the iVector unit.

A A position

B B position



- Secure the metal casing to the ceiling through the 4 holes A, using the screws and washers supplied with the toggle bolts.
- Install the supporting brackets and the unit, securing them through the 6 holes B, using the screws and washers supplied with the toggle bolts).
- The final installation should be completed using an EXTERIOR PANEL KIT FOR BUILT-IN INSTALLATION, in accordance with the specific instructions contained in the kit itself.



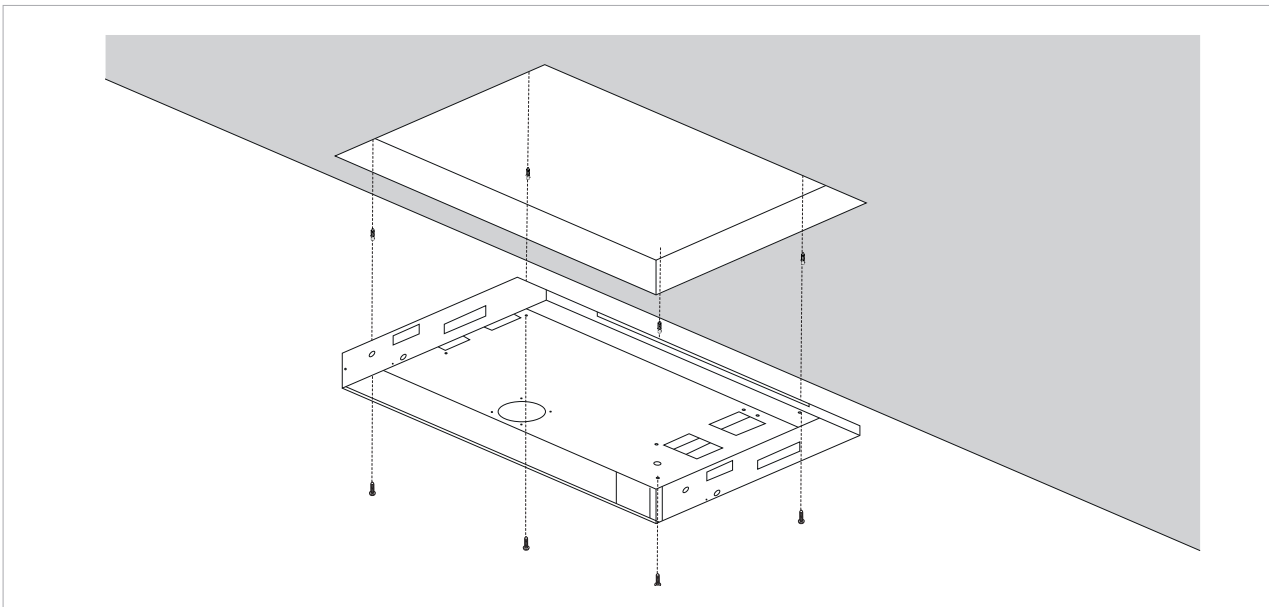
Use suitable plugs and fixings for ceiling construction and weight of casing and unit installed.



Make sure the metal casing does not deform during installation.

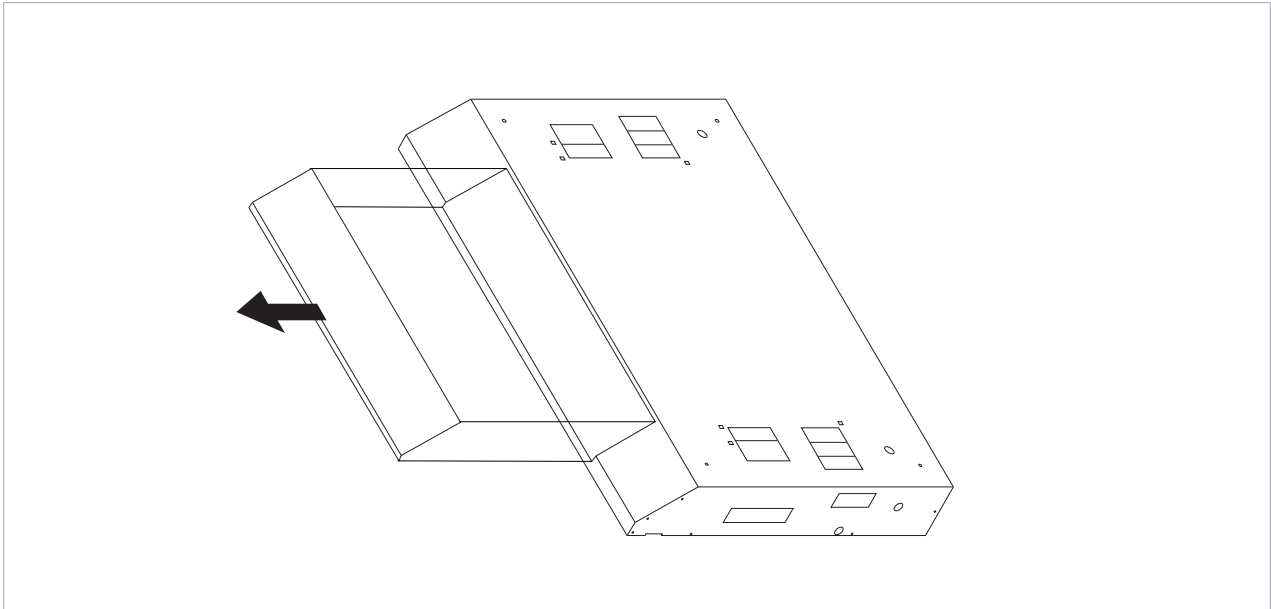


Make sure the casing is clear of waste offcuts, debris, dirt and dust prior to fitting unit.



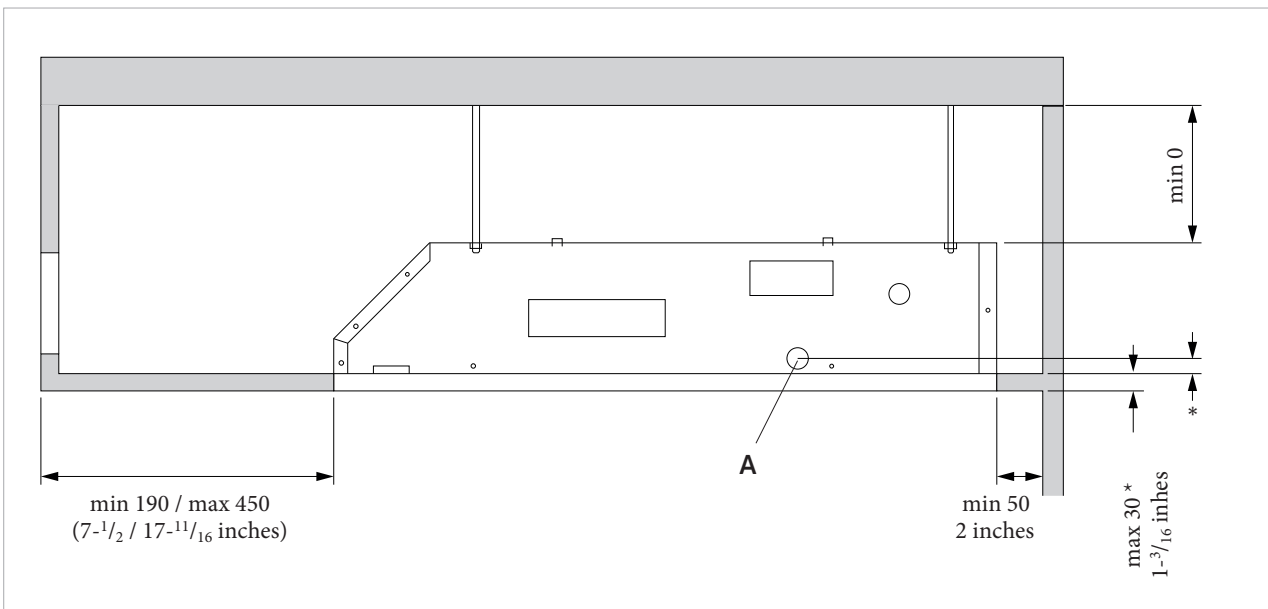
7. Horizontal installation in false ceiling with ducted outlet

- Detach the part intended for the passage of the outlet duct by breaking out the upper blanked panel in the metal casing.



- Create holes in the wall and in the false ceiling in accordance with the minimum clearances shown in the diagram below.

A Outlet hole



If the unit installed in the metal casing is for cooling application, then the thickness of the plasterboard must remain completely below the edge of the metal structure in order that piping for the discharge of condensation (outlet hole A) can be sufficiently inclined.



THE EXTERIOR PANEL KIT FOR BUILT-IN CEILING INSTALLATION allows the use of plasterboard with a maximum thickness of 30 mm (nominal 1-3/16 inches).

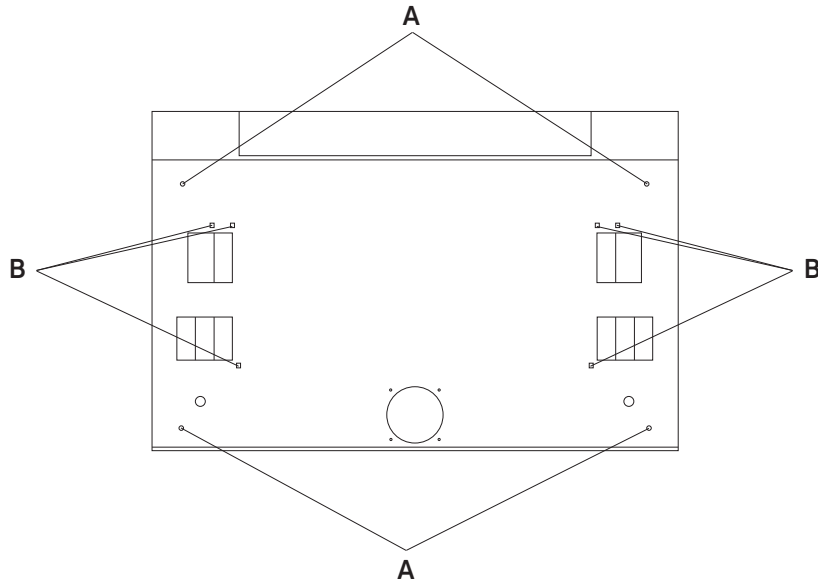
8. Horizontal Installation directly on to the ceiling

- Create 10 holes, diameter 8mm (nominal 5/16 inches) at positions A and B of the metal casing and insert toggle bolts able to support the weight of the structure and of the unit.

- Secure the metal structure to the ceiling through the 4 holes, A, using the screws and washers supplied with the toggle bolts.

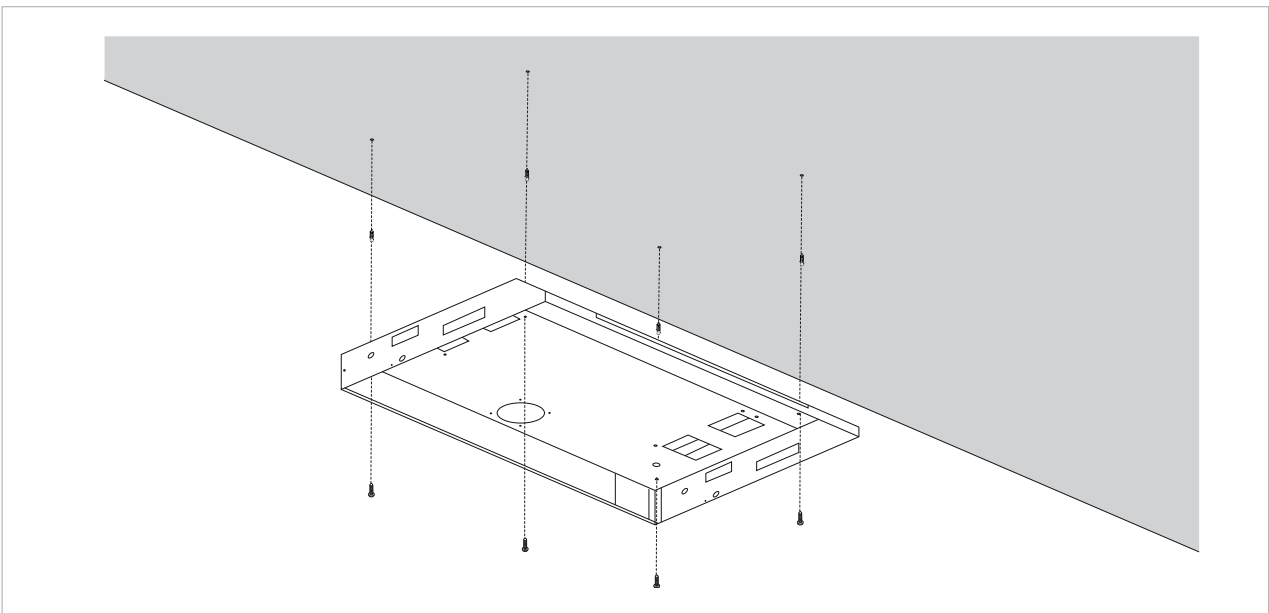
A A hole

B B hole



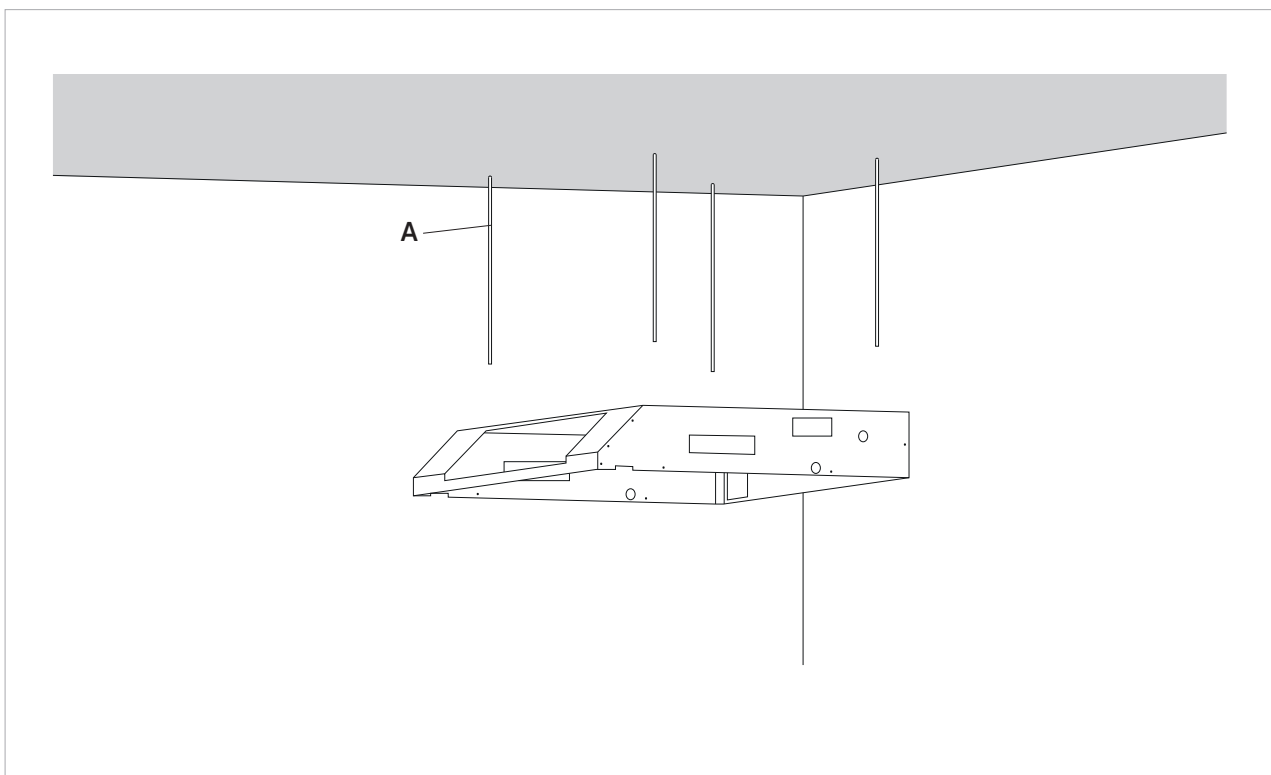
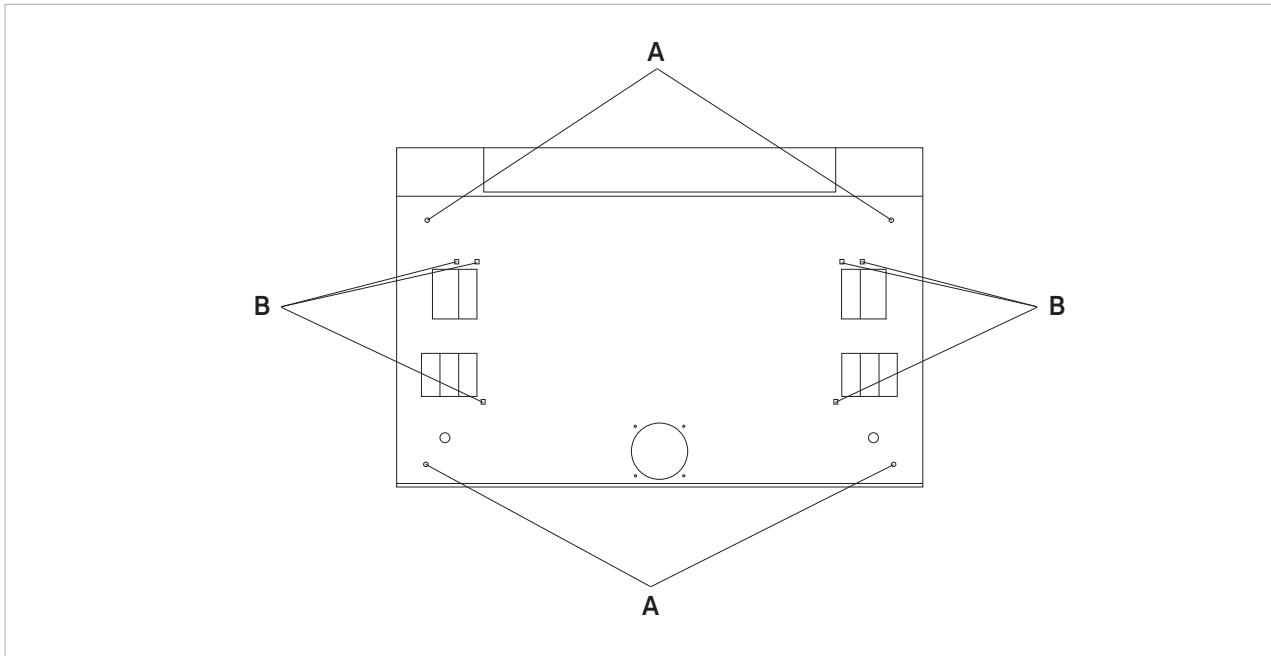
- Fit the unit mounting brackets and then the unit (securing through the 6 holes, B, using the screws and washers supplied with the toggle bolts).
- Install the relevant sized TELESCOPIC AIR OUTLET DUCT and EXTERIOR PANEL KIT FOR BUILT-IN CEILING INSTALLATION, following the specific instructions supplied with the kits.

- ⚠ Use suitable plugs and fixings for ceiling construction and weight of casing and unit installed.
- ⚠ Make sure the metal casing does not deform during installation.
- ⚠ Make sure the casing is clear of waste offcuts, debris, dirt and dust prior to fitting unit.



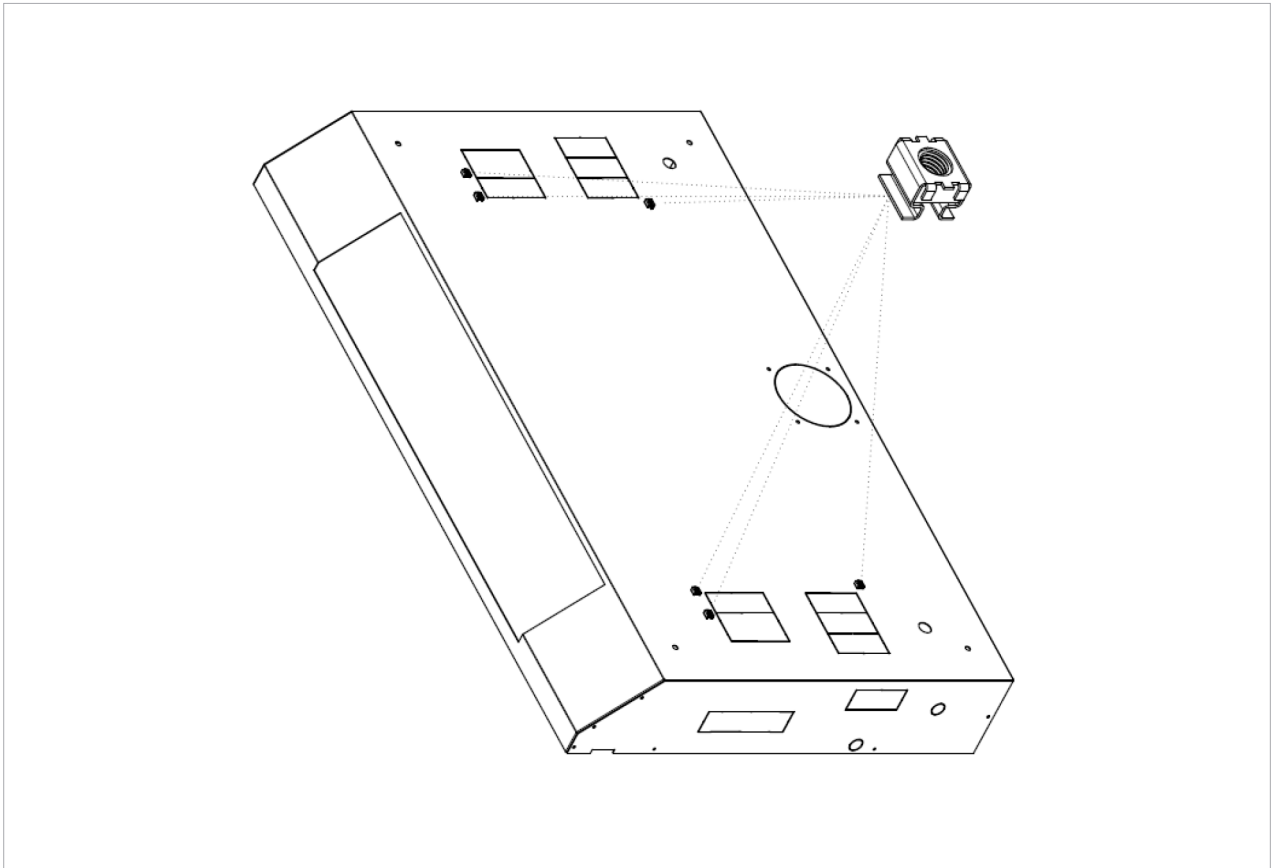
9. Horizontal Installation suspended unit mounting

- Create 4 holes in the ceiling with a diameter allowing the passage of the anchors, in line with the A holes in the metal casing



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- Install the 6 x M6 cage nuts supplied into the rear of the casing, locations B.
- Attach the metal casing to the tie rods, securing it through the 4 holes, A, using the nuts and washers supplied with the anchors, making sure they are able to support the weight of the casing and of the unit.
- Install the support brackets and the unit (securing it through the 6 holes B, using the screws, spring washers and washers supplied with the kit).
- Install the relevant sized TELESCOPIC AIR OUTLET DUCT and EXTERIOR PANEL KIT FOR BUILT-IN CEILING INSTALLATION, following the specific instructions supplied with the kits.





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