

Theme	Pages
Regular installation (<u>ducted</u>)	2 – 5
Side wall installation (<u>ducted</u>)	6 – 8
Rear wall installation (<u>ductless</u>)	9
Power & control	10 – 12

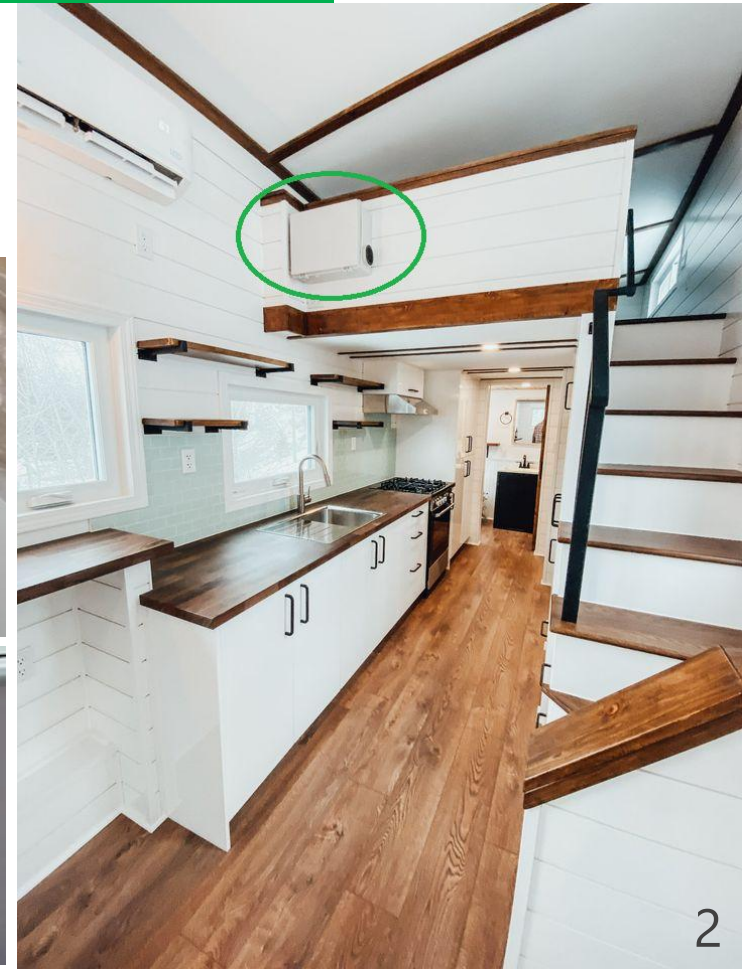
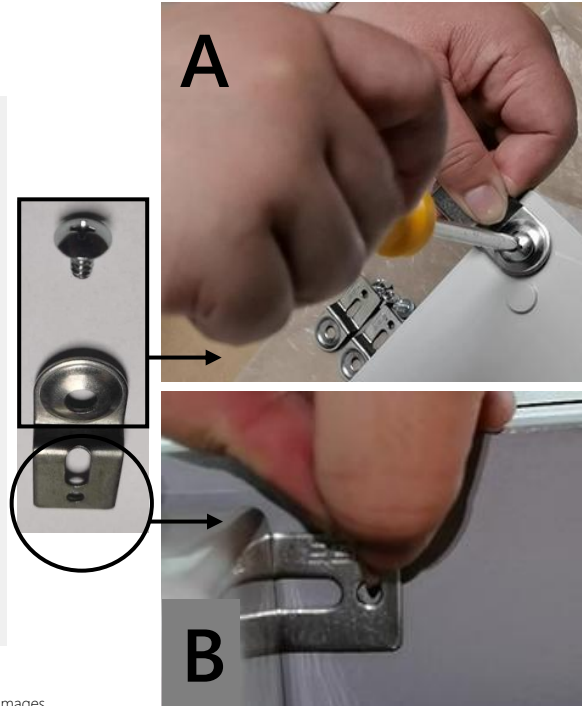
REGULAR INSTALLATION (DUCTED)

#1. MOUNT

- Mount the product on a wall / ceiling.
- You may also place or mount it on a table / floor.

Wall / Ceiling Mount

- Fasten 4× brackets to the back of the product (see A).
- Use a pencil to mark the hole or slot of each bracket on the wall or ceiling (see B).
- Attach hooks or nails to the marked points.
- Affix the product to the wall or ceiling.



REGULAR INSTALLATION (DUCTED)

#2. HOLES

→ Create 2× 3-inch (~76 mm) diameter holes.

→ To avoid drilling, use a fabric seal that has 2 zipper orifices.

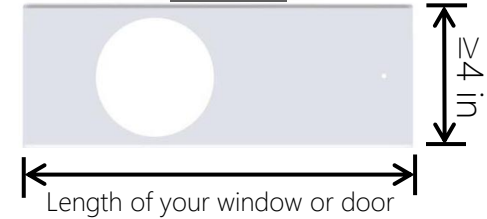
Window / Door

- Make a board by cutting a piece of wood or plastic or rigid insulation sheet or Kraft board to at least 4-inch (~102 mm) in width.
 - You may buy an off-the-shelf ventilation board.
 - Create 2 holes in one board or 1 hole in each of two boards.
 - Attach the board(s) to a section of a window / door.
 - Alternatively, a fabric seal can be attached to the edges of the window / door. It may be the best option for a casement or non-sliding window.
- ✓ The board(s) or fabric material(s) shall be firmly sealed to the edges of the window / door.

FABRIC SEAL



BOARD



Wall / Ceiling

- Drill 2 holes into the wall / ceiling.
- ✓ The wall or ceiling shall be sufficiently sturdy to install the product.

Note. You may need to add clearance to the diameter of the holes.

The holes can be less than 1 ft apart but the external vents shall be installed such that they have opposite orientations. If there is room, the holes can be as far apart as possible.

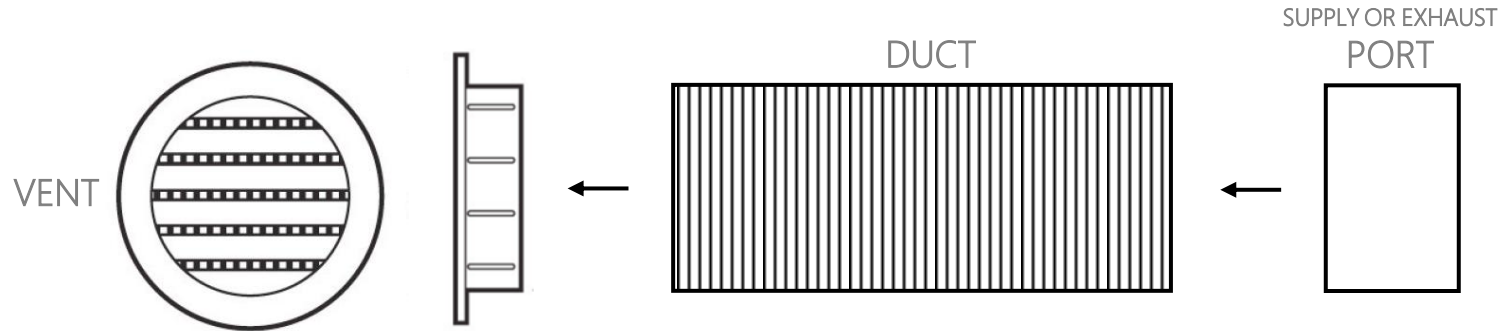
#3. DUCTS

→ Insert 2× ducts into the holes.

- The ducts can be rigid, semi rigid, or flexible.
- The ducts shall be straight (tension) without sags or restrictive bends.

→ Ensure that the zippers are fastened if a fabric seal is used.

→ Attach the ducts to external louvered vents by using tapes or hose clamps.

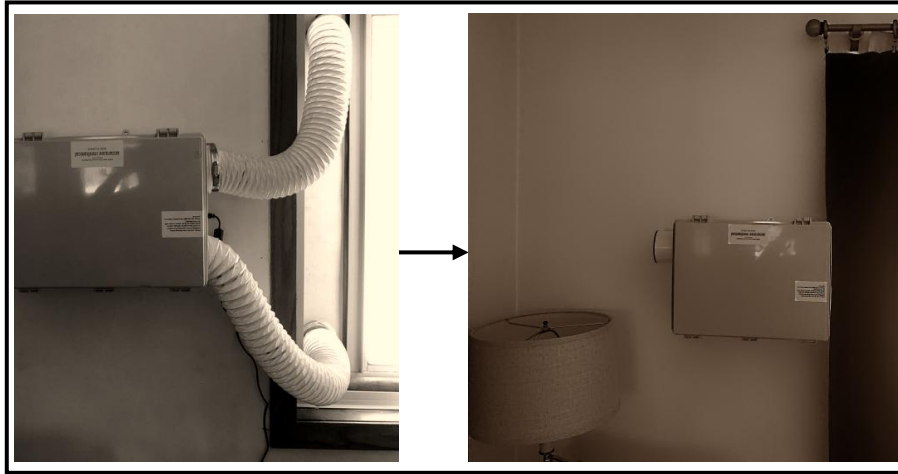


External louvered vents are available on our [website](#).

Note. The ducts shall be insulated to reduce energy losses.

REGULAR INSTALLATION (DUCTED)

#4. VISIBLE DUCTS

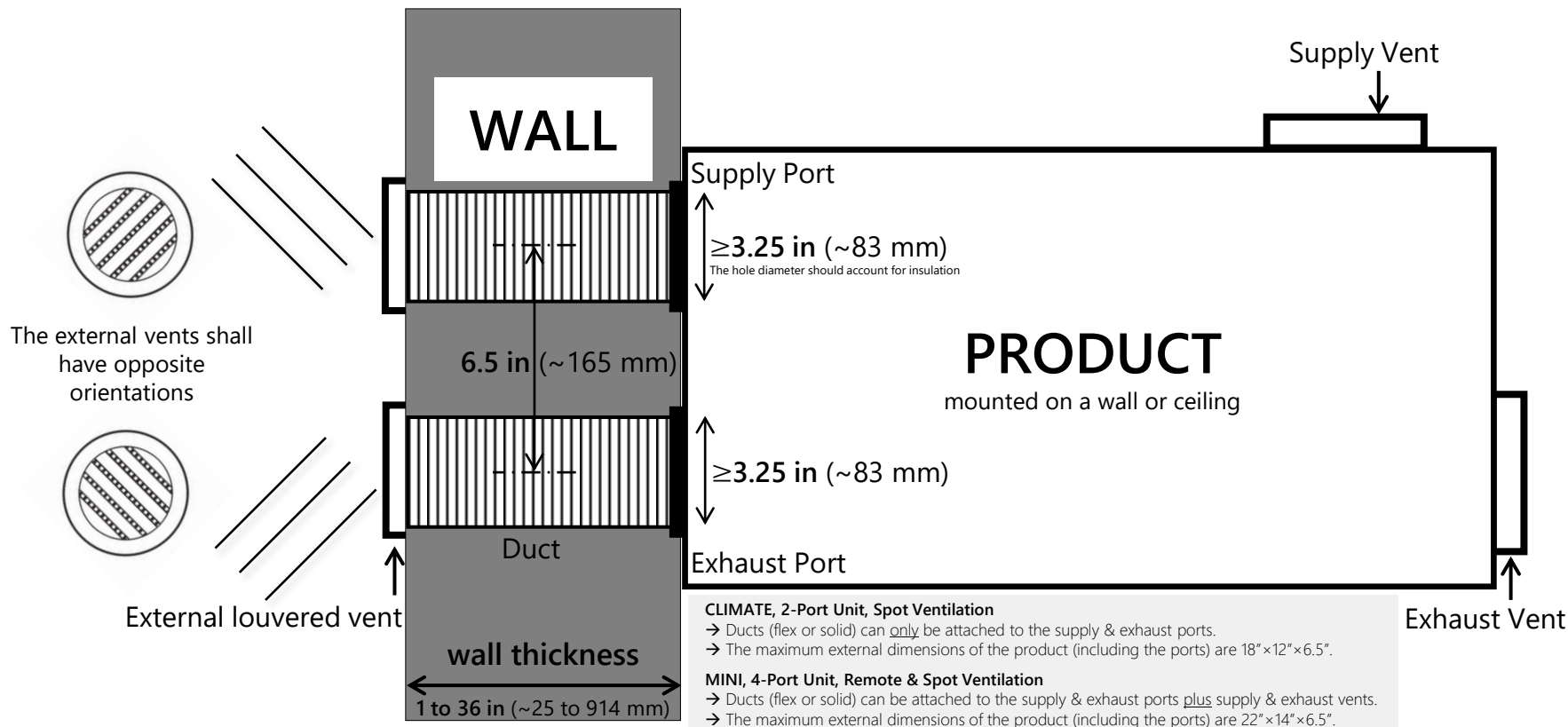


Horizontal orientation: The ducts can be positioned either on the left or right hand side.

Vertical orientation: The unit must conform to Figure 2(b) in the User Manual.

SIDE WALL INSTALLATION (DUCTED)

#1. HOLES

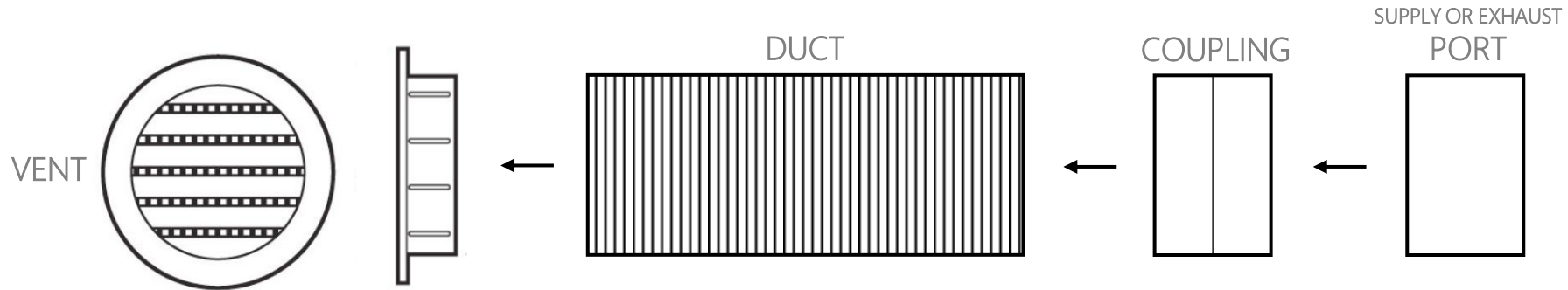


#2. DUCTS

→ Insert 2× ducts into the holes in the wall.

- Rigid ducts are recommended for side wall installation.
- Keep the length of the ducts as short as it is practically possible and use the minimal number of fittings.
- The exhaust duct should tilt downwards at 1° - 10° to facilitate the drainage of moisture.

→ Attach the ducts to external louvered vents by using tapes or hose clamps.



External louvered vents are available on our [website](#).

SIDE WALL INSTALLATION (DUCTED)

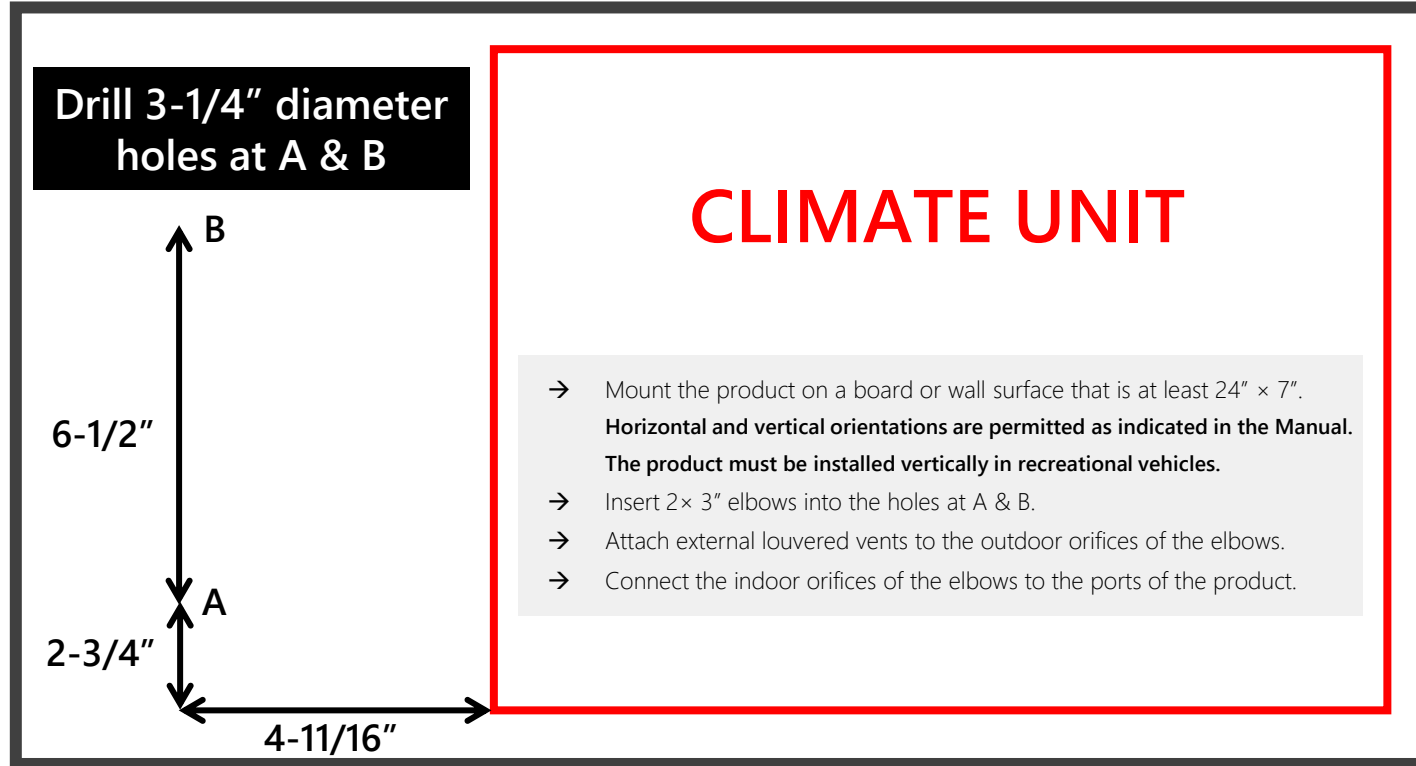
#3. INVISIBLE DUCTS



Note. Please read the user manual before installing and/or operating the product.

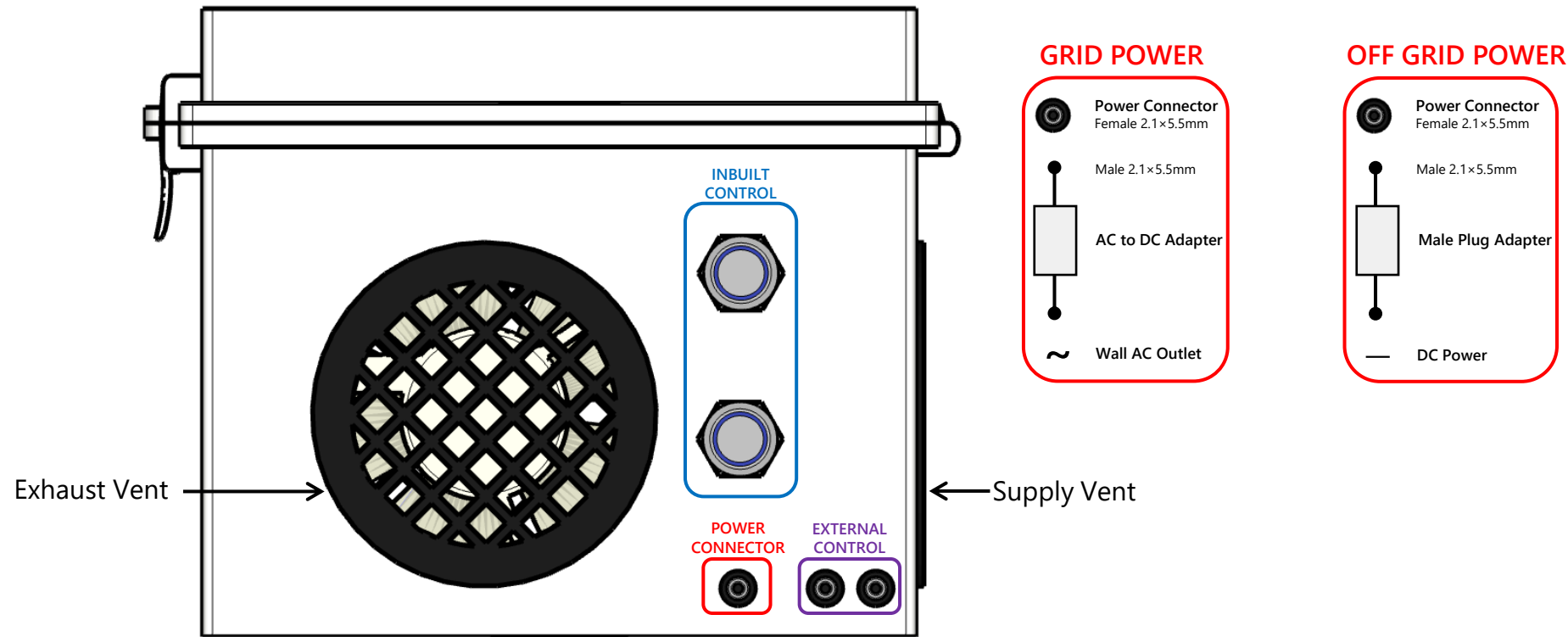
REAR WALL INSTALLATION (DUCTLESS)

NO DUCTS



Note. The holes can be less than 1 ft apart but the external vents shall be installed such that they have opposite orientations.

#1. OVERVIEW

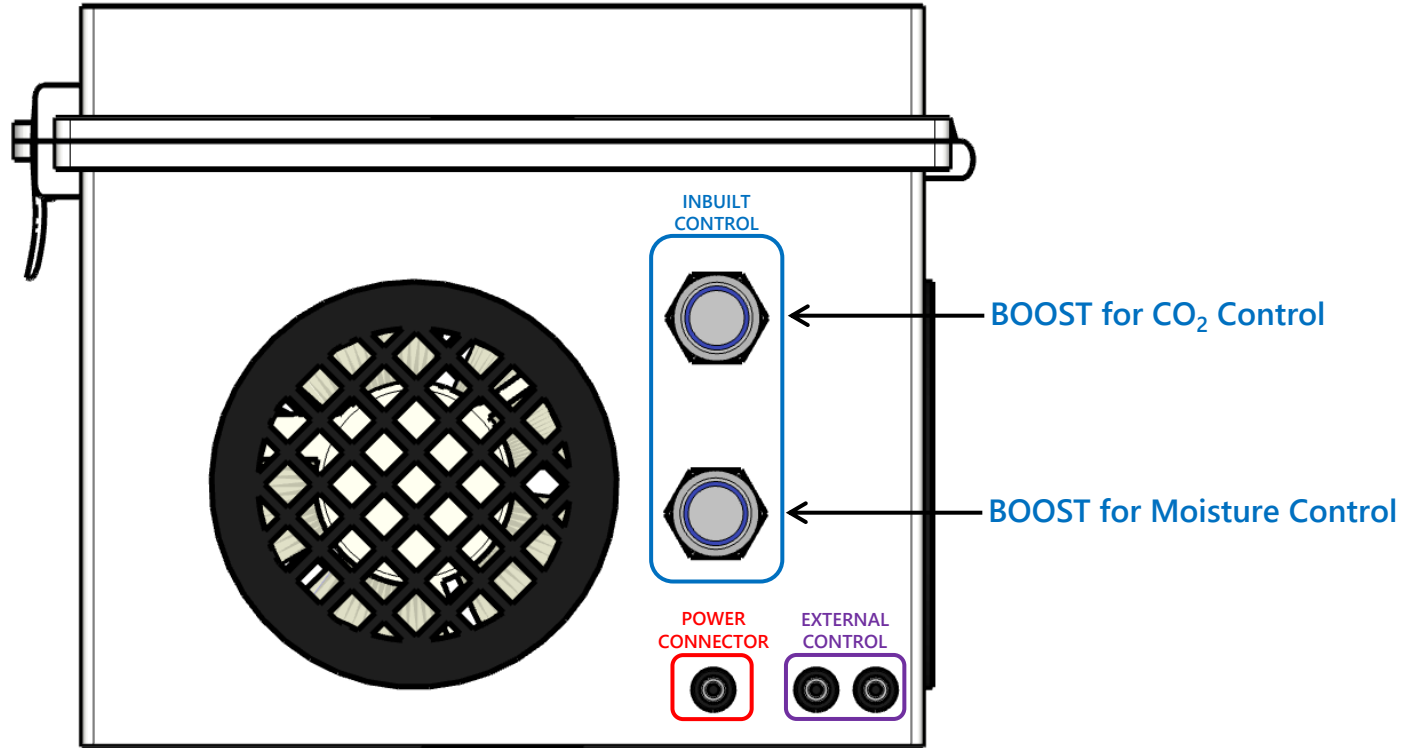


Note. Legacy products may have only one switch and/or may not have the external control ports. Failure to comply with the user manual and this guide can damage the product.

POWER & CONTROL

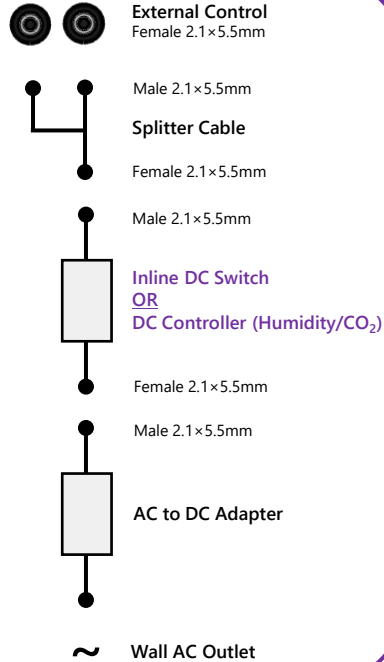
#2. INBUILT CONTROL

- 5V: Trickle mode (suitable for small rooms and residential vehicles)
- 12V: Normal mode (the default operating mode of the product)
- 12V: Boost mode (press the control switch to activate the boost mode)

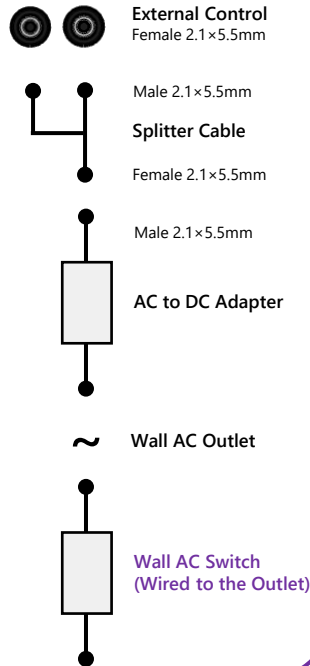


Note. Legacy products may have only one switch and/or may not have the external control ports. Failure to comply with the user manual and this guide can damage the product.

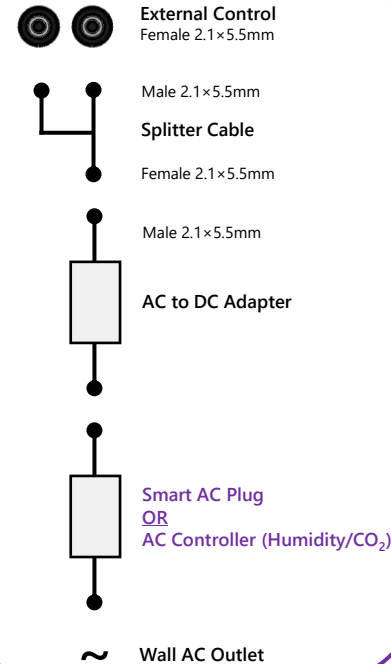
#3. EXTERNAL CONTROL



METHOD 1



METHOD 2



METHOD 3

→ The product operates at the normal mode by default.

→ The inbuilt control switches shall not be activated when the external control ports are in use.

→ The boost mode is activated when the external control ports are supplied with 8 – 12V DC from a single power source such as an AC to DC adapter that can handle up to 2A for CLIMATE and 3A for MINI.

→ Multiple power sources shall not be connected to the external control ports.

→ The maximum length of cable(s) between the AC to DC adapter or alternative DC power source to the external control ports shall not exceed 25 ft (~7.6m).