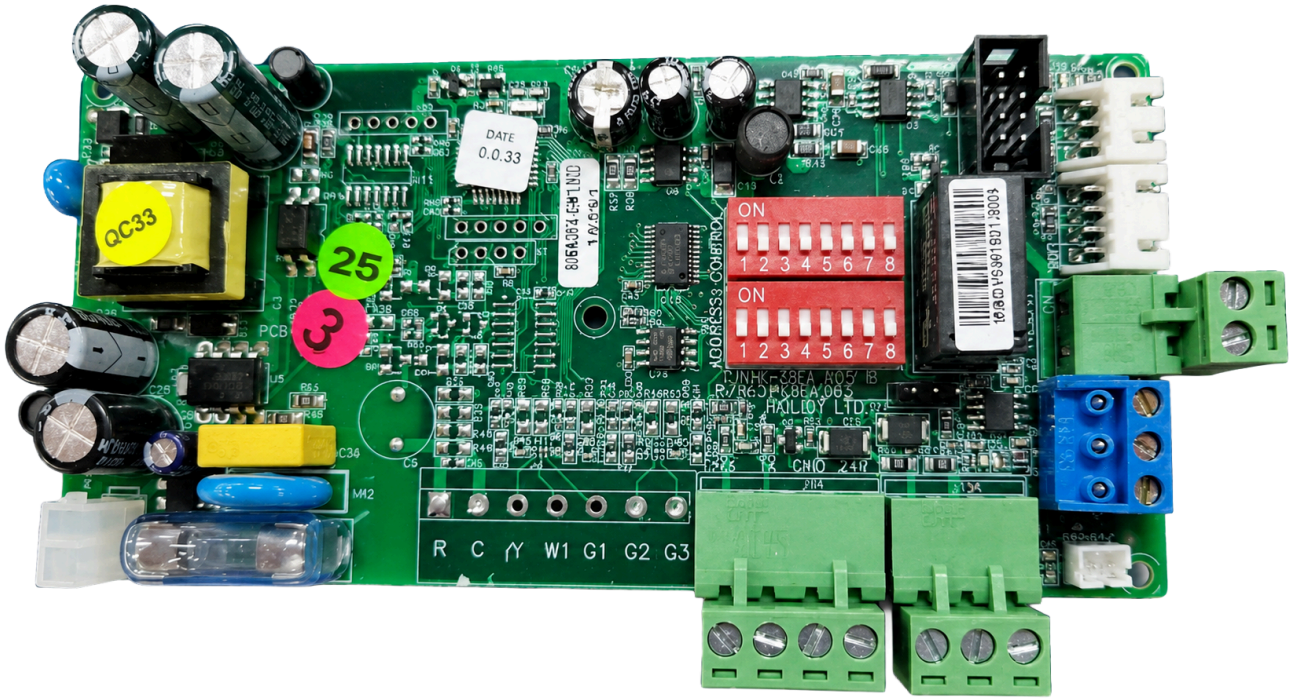
AIO® GW1 for AIO® Wall Mounted (Gen 2 only)

Installation Guide



innova

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1. GENERAL INFORMATION

Please read this entire guide carefully prior to installation.

Warnings, Cautions, and *Attentions* are included throughout this guide. It is important to read each carefully and follow their stated instructions.

This guide outlines the steps to take for the safe installation of the GW1 Control Board to operate with the TFTH20 and the LTCH20 control panels. By paying close attention to these instructions, the risk of improper installation, poor performance, and damage to the equipment can be greatly reduced.

In the event there is a problem with the unit, please call a qualified/certified HVAC technician to inspect the controller and conduct repairs if needed.

⚠WARNING

- Please read this guide carefully before installing and operating the unit.
- **Failure to do so can result in death, serious injury, and/ or property damage.**

⚠WARNING

- Do not use flammable liquids such as cleaners, hairspray, etc., around the controller.
- **The use of flammable liquids near the controller may result in a fire, death, serious injury, and/or property damage.**

⚠WARNING

Using only the supplied installation-specific components is recommended. The use of different components could lead to water leakage, electric shock, or fire.

⚠WARNING

- The installation must be performed by a certified installer.
- All safety regulations in force at the place of installation, as well as common sense precautions, must be followed.
- Failure to apply the indicated rules may cause malfunctions of the appliances and relieve the manufacturer of any warranty and any damage caused to persons, animals, or property.
- Wear appropriate personal protective equipment (PPE) such as gloves and safety glasses during the installation process.

1.1 Preparation For Installation

Please read all instructions carefully. The GW1 Controller Board is an optional component for the unit. It must only be used for this purpose. For more detailed information about the unit, consult its installation and operation guide.

⚠WARNING

- Disconnect all electrical power before making connections.
- All electrical connections and wiring must be installed by a qualified electrician and conform to the National Electrical Code as well as all local codes having jurisdiction.
- Repairs and/or maintenance must be performed by qualified personnel in accordance with this guide.
- Do not open access panels to the interior of the unit without first disconnecting the power and/or turning off the breaker.
- Do not modify or tamper with the equipment, as it could create dangerous situations.
- **Failure to follow these warnings can result in death, serious injury, and/or property damage.**

1.2 Shipping Configuration

The GW1 Control Board is shipped in a single carton.

1.3 Inspecting the unit

Upon receiving the package, it is important to inspect it immediately for shipping damage prior to accepting the shipment.

- Ensure the contents match the order and shipping documents.
- Inspect all components' accessories for any damage that may have occurred during shipping.
- If the package appears damaged, carefully note the damage on the freight bill and refuse acceptance of the shipment.

Report any damage to your INNOVA representative or contractor. Failure to document damages and follow the appropriate claims process and timeframe may result in the claim being denied.

1.4 Materials Provided

You should receive the following:

- GW1 Control Board with double-sided adhesive strips.
- Power cable (included in the carton box).
- Communication cable (included in the carton box).

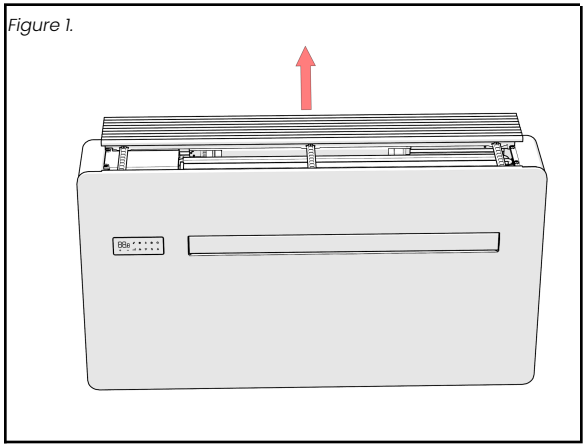
1.5 Tools and supplies needed

- Phillips head screwdriver.
- Flathead screwdriver.
- Alcohol pad.

1.6 Opening the Unit

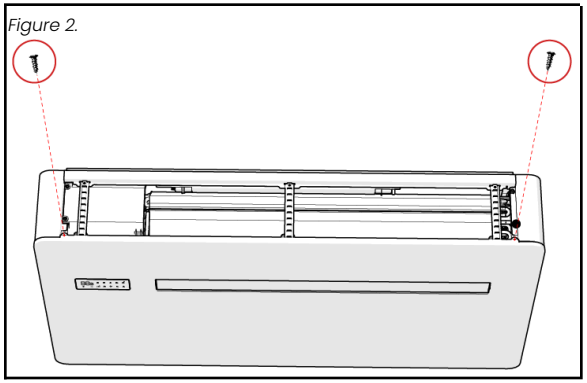
Step 1
Lift off the top grille of the AIO® Wall Mounted unit to expose the filter.

Figure 1.



Step 2
Remove the two (2) screws holding the front cover in place.

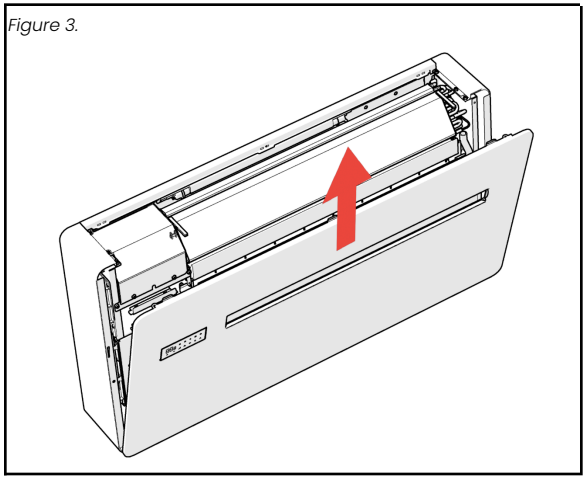
Figure 2.



1.7 Installing the GW1 Control Board

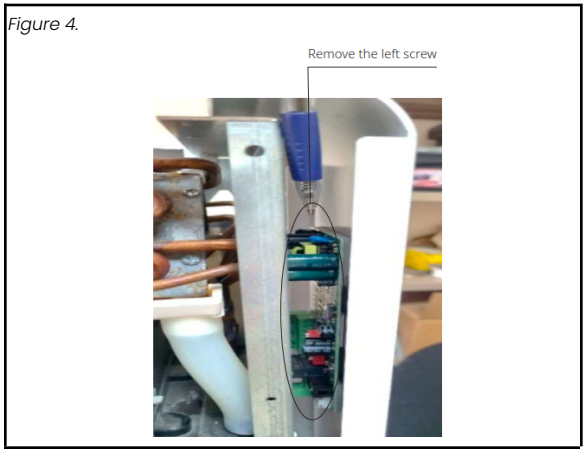
Step 3
Gently pull the front cover off by lifting up and pulling forward.

Figure 3.



Step 4
Locate the mounting position. The GW1 control board should be mounted on the right side of the outside metal panel of the air conditioner, as illustrated in the picture. Thoroughly clean the surface where the control board will be attached, using an alcohol pad. Ensure the surface is completely free from dust, grease, and any other contaminants to ensure proper adhesion.

Figure 4.



1.8 Installing the GW1 Control Board

Step 5
Locate the two strips of double-sided adhesive at the back of the control board. Peel off the red protective layers from the adhesive strips. Carefully stick the control board onto the cleaned metal surface as shown below. Press firmly to ensure the control board is securely attached.

Figure 5.

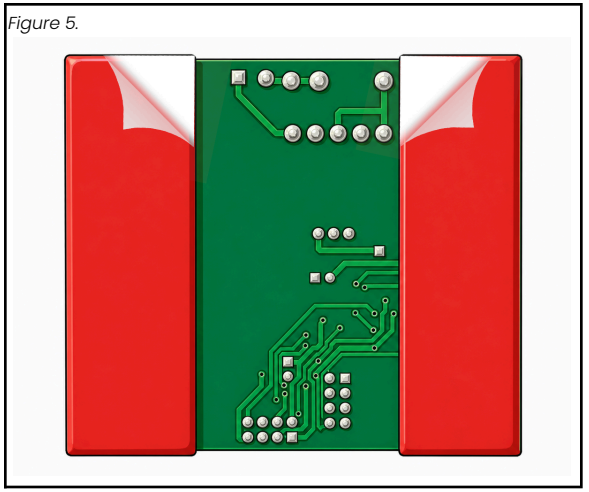
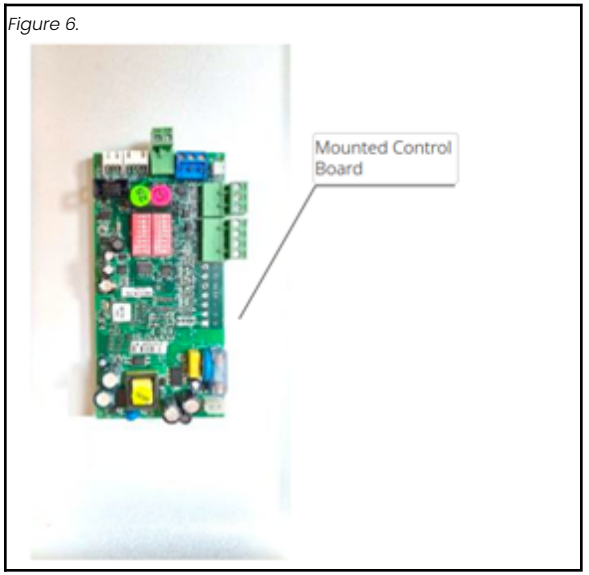


Figure 6.

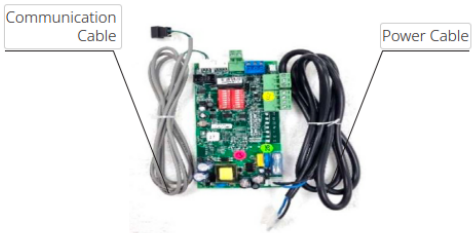


⚠WARNING

Handle the control board and all electronic components with care to avoid damage.

Step 6
In the carton box, you will find two cables: one black for power and one grey for communication.

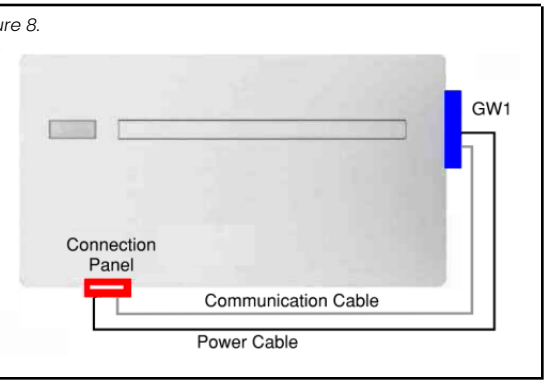
Figure 7.



1.9 Connecting the GW1 Control Board

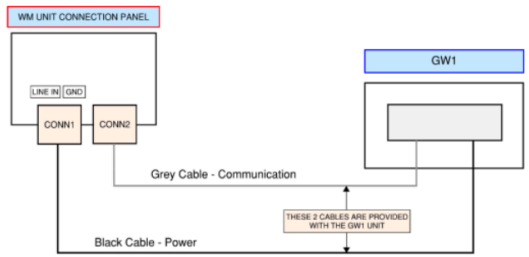
Step 7
Route these cables to the right side of the A/C connector panel at the bottom of the unit. Ensure the cables are neatly routed to avoid any obstructions or damage. Use cable ties or clips to secure the cables along the route, preventing them from hanging loosely or interfering with other components.

Figure 8.



Step 8
Insert the power cable into the power connector CONN1, ensuring a firm and secure connection as shown below. Next, locate the communication connector. Insert the communication cable into the communication connector CONN2, ensuring a firm and secure connection as shown below.

Figure 9.



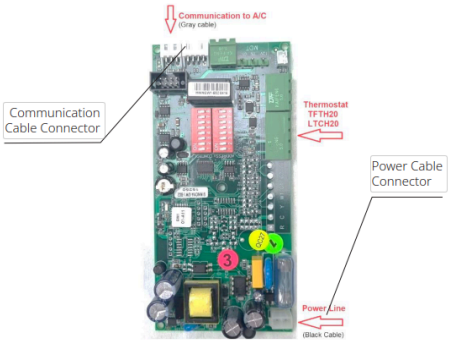
⚠WARNING

Ensure that all wire insulation is intact and that there are no exposed conductive parts that could cause shorts or other electrical issues.

1.10 Closing the Unit

Step 9
Identify the power connector on the GW1 board. Insert the power cable into the power connector, ensuring a firm and secure connection. Locate the communication connector on the GW1 board. Insert the communication cable into the communication connector, making sure it is securely connected. Double-check all connections and the mounting of the control board to ensure everything is secure.

Figure 10.



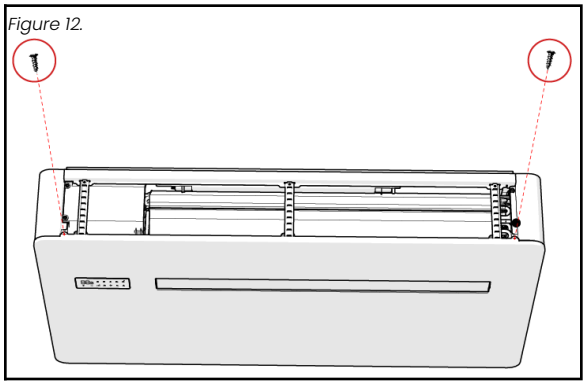
Step 10
Put the front cover back on the unit.

Figure 11.



Step 11
Replace the two (2) screws removed earlier, securing the front cover to the unit.

Figure 12.



Step 12
Replace the filter and the top grille of the unit.

Figure 13.

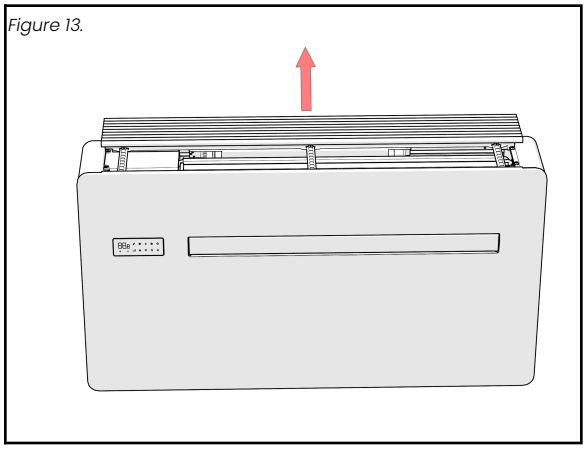
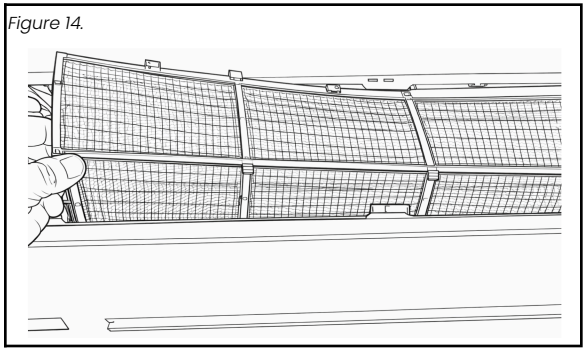


Figure 14.



1.11 Warranty Information

For terms and conditions, click on the link below:

AIO Warranty Terms and Conditions - 2026 - INN...

With over 20 years of experience in the climate comfort sector, we have a clear goal: growth through innovation. Our team is laser-focused on the conception, development, and production of innovative heating, ventilation, and air conditioning solutions. This mission has developed through bringing together technical skills, creativity, technology, design, Italian passion, and a global vision to achieve the best energy efficiency and performance.

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MADE IN ITALY

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Revised August 20, 2026

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