AIO® Gen 2 and Gen 3 AIO® Wall Mounted Units

Summary Of Differences



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UL®

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CONTACT INFO

VIP Customer/Technical Support
Email: vip@innova.co
Phone: (212) 204-2700

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To Whom It May Concern,

This document outlines the key technical and installation differences between our Generation 2 (Gen 2) and Generation 3 (Gen 3) AIO® Wall Mounted heat pump units. These differences primarily affect connection layout, gateway integration, vent size, access points during installation, and ERV compatibility.

This summary is intended to support installation clarity and compliance review. Should additional documentation or visual references be required, we would be happy to provide them.

1. TERMINAL BLOCK LOCATION

- **Gen 2:** Bottom-left side of the unit
- **Gen 3:** Rear-right side of the unit, behind the decorative side panel

Figure 1. ***Gen 2:***

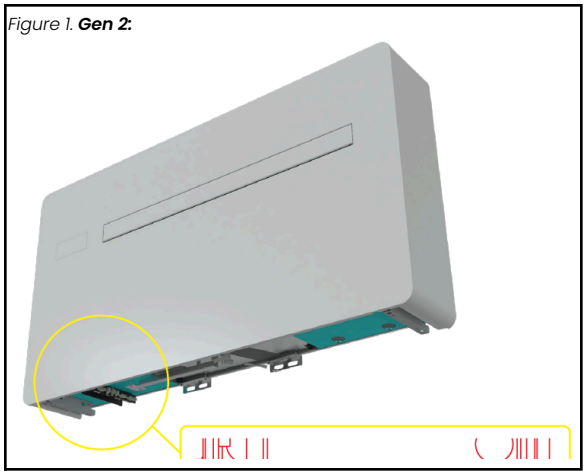
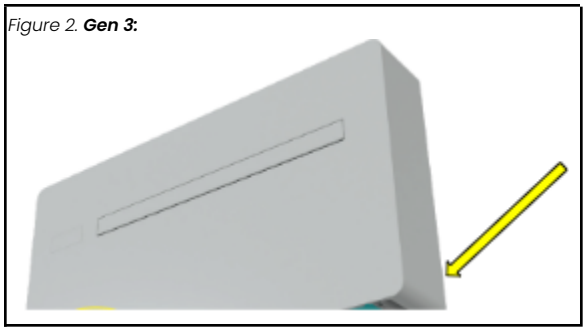
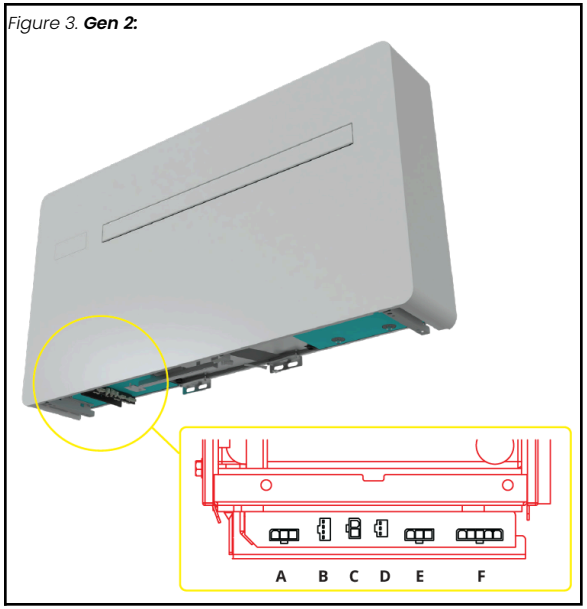


Figure 2. ***Gen 3:***



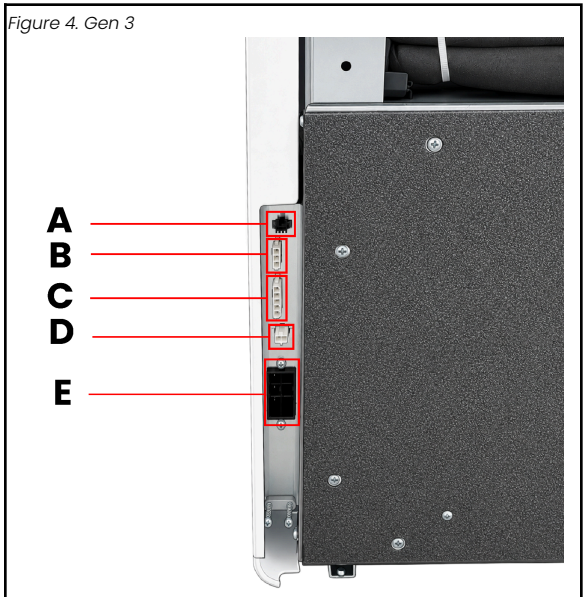
2. TERMINAL BLOCK ASSIGNMENTS

Figure 3. ***Gen 2:***



- A-Power supply for Controller Gateway
- B-Communication port for Controller Gateway
- C-Power for heat trace on condensate line
- D-Communication port for ERV
- E-Power for ERV
- F-Not used

Figure 4. Gen 3



A	ECM axial condenser fan	D	Power for heat trace on condensate line/Nebulizer
B	Power for ERV/Nebulizer	E	Quick-connect line power
C	ERV communication		

3. VENT SIZE - WALL MOUNTED STANDARD ONLY

- **Gen 2:** Typically equipped with 6" diameter vents; some units are equipped with 8" diameter vents. Vent size depends on the unit serial number — confirm with VIP if needed.
- **Gen 3:** Standard configuration includes 8" diameter vents. An optional 8" to 6" rubber reducer gasket is available. Units with 6" diameter vents are available only as special production (3SP).

4. QUICK-CONNECT POWER CORD LOCATION

- **Gen 2:** Power terminal located on the bottom right side, behind the right-side decorative panel
- **Gen 3:** Power terminal located at the rear-bottom-right corner of the unit (panel removal not required)

5. GATEWAY MOUNTING

- **Gen 2:** Mounted on the left side of the unit (accessed by removing the left decorative panel)
- **Gen 3:** Mounted on the right side of the unit (accessed by removing the right decorative panel)

6. GATEWAY CONNECTION POINTS

- **Gen 2:** Gateway power and communication connect to dedicated ports on the bottom-left terminal block
- **Gen 3:** Gateway power and communication connect to dedicated ports on the rear-right terminal block

7. ERV MODULE COMPATIBILITY

- **Gen 2:** Compatible with the **AWERV30** ERV module.
- **Gen 3:** Compatible with the **AWERV30-3** ERV Module.

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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Via 1° Maggio, 8 – 38089 Storo (TN), Italy.

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MADE IN ITALY

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