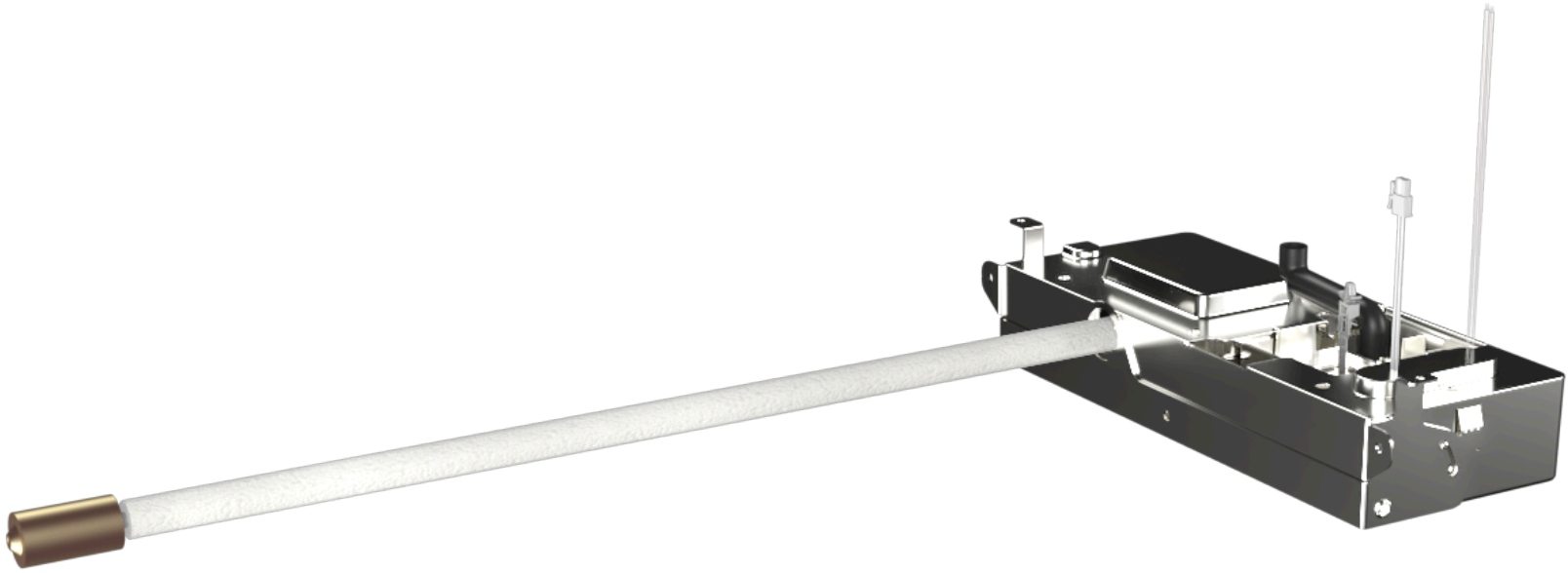
AIO® Wall Mounted/Wall Mounted Pro Nebulizer

Installation, Operation, and Maintenance Guide



innova

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1. READING THIS DOCUMENTATION

Some language and symbols in this documentation have specific meanings.

1.1 Documentation-specific language

Reference to the product
Any reference to “the unit” is meant to refer to the Nebulizer.

Unit orientation
All directions in this guide (left, right, top, bottom) are given from the perspective of facing the unit mounted under the AIO® Wall Mounted unit.

Role definitions
All installation procedures described in this guide must be performed by qualified personnel only. After installation is complete, the unit may be safely operated by end users.

1.2 Icons and symbols

Warnings and annotations are provided throughout this guide. It is essential to read each carefully and follow the instructions stated.

Warning panels
The warning panels represent the level and immediacy of risk. Each warning panel displays a background color and a signal word.

WARNING

The orange panel with the **WARNING** signal word indicates a hazardous hazard that, if not avoided, could result in death or serious injury.

CAUTION

The yellow panel with the **CAUTION** signal word indicates a hazardous situation that, if not avoided, could result in minor to moderate injury or property damage.

Warning pictograms
The warning pictograms represent the type of risk and are used in conjunction with any of the warning panels.

	The lightning-bolt pictogram indicates a warning related to electrical hazards.
	The three vertical parallel lines pictogram indicates information related to a hot surface hazard.
	The hand injury pictogram indicates information related to a moving part and sharp surface hazard.
	The slippery surface pictogram indicates information related to a slipping hazard.
	The exclamation-mark pictogram indicates general hazards (environmental hazards, moving parts hazards, lifting hazards, and other categories).

Annotation icons
The annotation icons indicate different types of information with specific meanings.



Important

Indicates critical information for correct operation or installation.



Note

Indicates supplemental information, tips, or useful background information.

2. SAFETY GUIDELINES — READ BEFORE INSTALLING

This guide details the steps required for the safe installation of a Nebulizer. By following these instructions, the risk of damage to the equipment can be significantly reduced.

Read the entire installation guide before installing the unit. Pay careful attention to all safety notices and warnings.

It is the service provider's responsibility to install the unit safely and securely. Installation procedures must be performed in conformance with all applicable local and national codes.

The precautions listed in this installation guide are intended to supplement accepted safe practices. In case of a direct conflict between accepted safety practices and this guide, the more stringent precaution takes precedence.

Follow all safety precautions in this guide. Failure to follow the instructions in this guide may result in equipment damage or personal injury.

⚠ WARNING

- Disconnect all power supplies before installation, maintenance, or servicing.
- After disconnecting power, wait 5 minutes for all capacitors to discharge.
- Verify with a voltmeter that all terminals are de-energized before work.
- Only trained and qualified electricians or HVAC technicians may install or service electrical components.
- Improper wiring or loose connections may cause overheating, fire, or electric shock.

⚠ CAUTION

- Some Nebulizer components may become warm during operation; allow them to cool before handling.
- Only trained and qualified personnel may install the unit.
- When working at heights, follow all fall-protection regulations: use guardrails, harnesses, and barricade the area below to protect from falling objects.
- Protect the unit from impact, vibration, dust, and corrosive atmospheres during installation.
- Dispose of all packaging materials properly to avoid installation obstructions and suffocation hazards.
- Follow all manufacturer instructions and applicable local building codes.

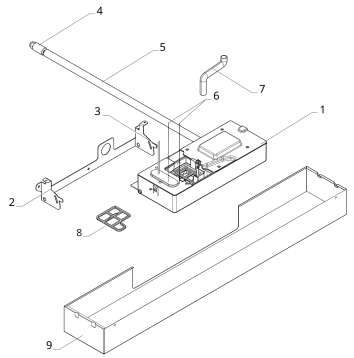
3. AIO® WALL MOUNTED NEBULIZER OVERVIEW

Note

When installing an AIO® Wall Mounted unit with a Nebulizer, an additional 3” (76.2 mm) of clearance is required below the unit.

3.1 Components and structure

Figure 1. Nebulizer components



1	Nebulizer tray	**6**	Float switches
2	Mounting bracket	**7**	Condensate drain pipe
3	Alarm connection wires	**8**	Filters
4	Heated nozzle	**9**	Lower aesthetic cover (GB1134II)
5	Heated pipe		

3.2 Tools and materials needed

Ensure that the following tools and materials are available before starting the installation:

- Phillips screwdriver (preferably magnetic-head)
- Rotary hammer with 1/4" (6.4 mm) and 1-3/16" (30.2 mm) drill bits
- Utility knife
- Spirit level, preferably digital
- Pen/Marker
- Multimeter

4. RECEIVING AND HANDLING THE NEBULIZER

The Nebulizer is shipped separately from the AIO® Wall Mounted/Wall Mounted Pro unit in its own carton.

4.1 Nebulizer kit dimensions and weight

- Size
  - Length: 16.54” (420.1 mm)
  - Width: 11.02” (279.9 mm)
  - Height: 4.33” (109.98 mm)
- Weight: 4.41 lb (2 kg)

4.2 Receiving and unpacking the unit

Follow this procedure when receiving the shipment:

1. **Inspect the packaging.**
   a. Upon delivery, check the package and contents for visible damage.
   b. If there is damage, take clear photographs of the damage before opening the carton.
   c. Immediately report any shipping damage to your distributor or carrier.
2. **Remove the Nebulizer from the carton.**

⚠CAUTION

- Dispose of all packaging materials safely and in accordance with local regulations.
- Keep all plastic packaging materials out of the reach of children to prevent suffocation.
- Recycle materials (wood, cardboard, plastics, metals) if recycling facilities are available.
- Do not leave packaging debris in installation or storage areas, as it may pose tripping hazards or fire risks.

⚠CAUTION

- Handle sharp edges and objects with care to prevent cuts or puncture injuries.

Important: Claim Eligibility

To remain eligible for a claim, all damage must be reported within two weeks of the delivery date.

3. **Verify package contents.**
   Verify the contents of the carton against the components list to ensure that all components are present. If any items are missing, contact your INNOVA representative or distributor immediately.

4.3 Storing the unit

Store the Nebulizer kit in a clean, dry location until installation.

5. INSTALLING THE UNIT

Usage Guidance

The Nebulizer provides a reliable method for dispersing condensate outdoors, greatly expanding installation flexibility — particularly in locations where routing a traditional condensate drain line is not feasible. Whenever a building-side drainage connection is available, it should be the preferred method from a plumbing-performance standpoint.

5.1 Pre-installation checks and testing

5.1.1 Pre-installation checklist

Before beginning installation, confirm that the following conditions are met:

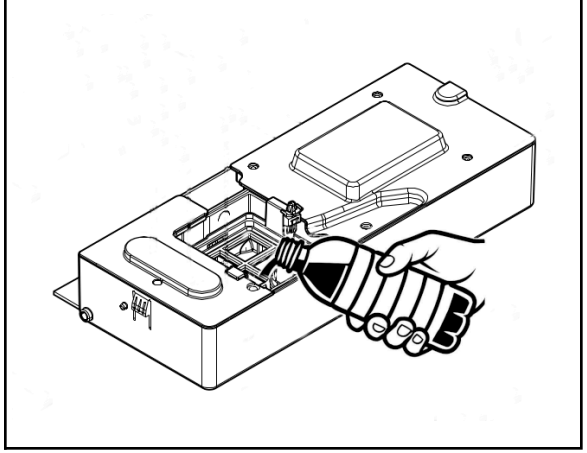
- ☐ The AIO® Wall Mounted unit is installed and operational.
- ☐ You have all the required tools; for a complete list, refer to Section 3.2.
- ☐ The installation area is clean and dry.
- ☐ A functional pre-test of the Nebulizer has been performed.

5.1.2 Functional pre-test

To perform a functional pre-test:

1. Power up the AIO® Wall Mounted unit.
2. Place the Nebulizer on a stable surface and connect its power cable to the dedicated terminal of the AIO® unit (refer to Section 5.3).
3. Position the nebulizer nozzle so that its output discharges into a container.
4. Pour 17 fl oz of clean water into the condensate compartment of the Nebulizer tray (Figure 2). Do not pour water into the pump compartment or onto any internal wiring.

Figure 2. Pouring water into the condensate compartment of the Nebulizer tray



5. Wait for about one minute until the float switches activate.
6. Verify that the pump activates and that condensate is discharged through the nozzle.
7. Disconnect the Nebulizer's power and drain the water.
8. Disconnect electrical power to the AIO® Wall Mounted unit by unplugging the power supply cord or deactivating the circuit breaker. Wait at least 5 minutes for all capacitors to discharge before proceeding.

Float Switch and Pump Operation

All three float switches (high, low, and overflow shut-off) must operate correctly. If any float switch or the pump fails to activate, the unit must be serviced by trained personnel before it can be returned to use.

5.2 Mounting the unit and making mechanical connections

⚠CAUTION

- Do not direct the Nebulizer's discharge toward floors, walkways, or any surface where moisture could accumulate and create a slipping hazard.

Important: Installation Environment

The Nebulizer is designed for indoor installation only.

5.2.1 General guidelines

The Nebulizer is designed to operate together with the AIO® Wall Mounted / Wall Mounted Pro unit as an integral part. The Nebulizer receives electrical power directly from the AIO® unit and connects to the AIO® condensate drainage system.

Condensate from the AIO® unit is routed into the Nebulizer, where it is collected and discharged through the heated nozzle. All electrical and condensate connections must be completed as described below before the unit is activated.

5.2.2. Opening the AIO® Wall Mounted Unit

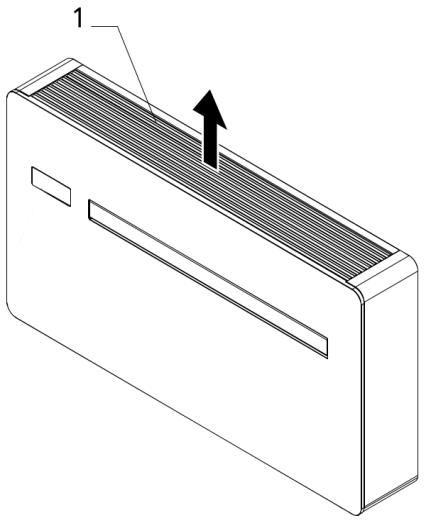
To connect the Nebulizer to the AIO® Wall Mounted unit, limited access to the unit's interior is required. The access procedure is described below:

Removing the aesthetic front panel and side panels

To remove the aesthetic front panel of the AIO® Wall Mounted unit and access the fire alarm connection point and the condensate drain outlet:

1. Lift the inlet grille off the AIO® unit and set it aside (Figure 3).

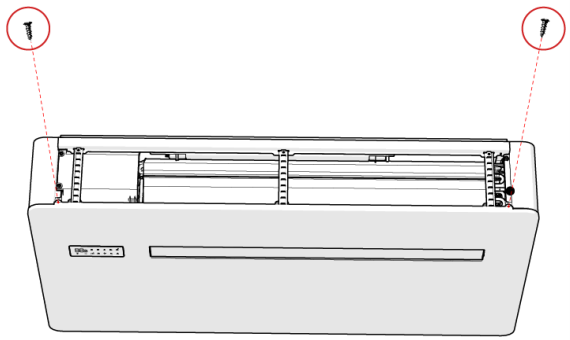
Figure 3. Removing the inlet grille



1	Inlet grille

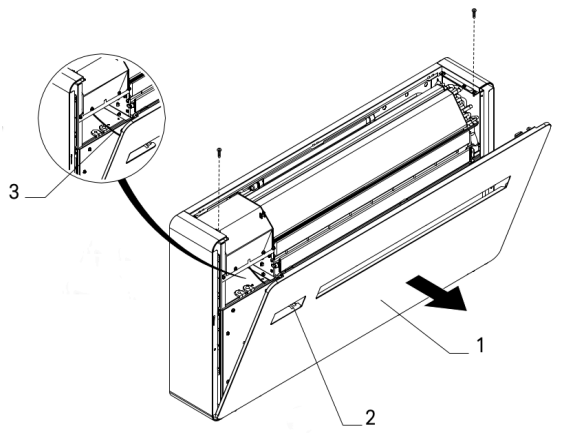
2. Remove the screws located on the top surface of the AIO® Wall Mounted unit, near the front edge. These are shown in Figure 4 below.

Figure 4: Removing screws on the top surface of the AIO® unit



3. Unclip the onboard touch controller from the aesthetic front panel (Figure 5) and remove the aesthetic front panel.

Figure 5. Unclipping the onboard touch controller



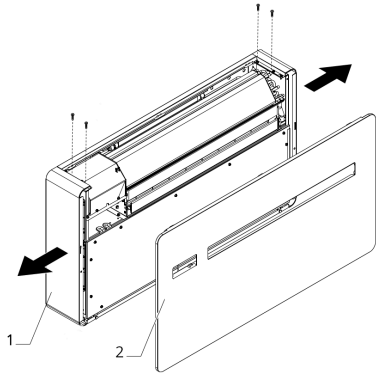
1	Aesthetic front panel	3	Connectors
2	Onboard touch controller		

⚠CAUTION

To prevent damage to the controller's connector and/or wiring, do not fully detach the aesthetic front panel until the onboard touch controller has been unclipped.

4. Gently remove the aesthetic front panel and side panels, and set them aside (Figure 6).

Figure 6. Removing the aesthetic front panel and side panels



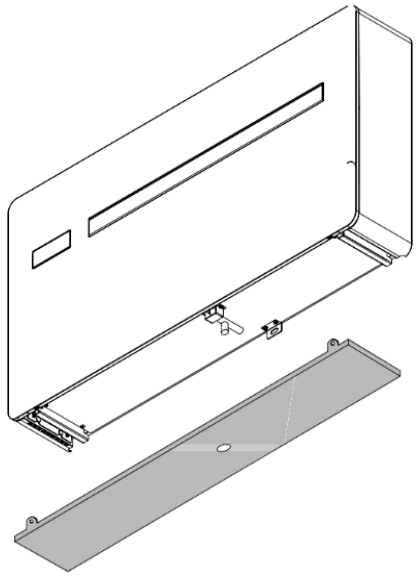
1	Side panel	2	Aesthetic front panel

Remove the underbody cover plate GB0737II (if installed)

If the underbody cover plate GB0737II is installed on the AIO® Wall Mounted unit, remove it to access the drainage pipe and (for Gen 2) the ERV electrical power port:

1. Use an electric screwdriver to remove four screws that secure the underbody cover plate.
2. Detach the underbody cover plate (Figure 7).

Figure 7. Removing the underbody cover plate

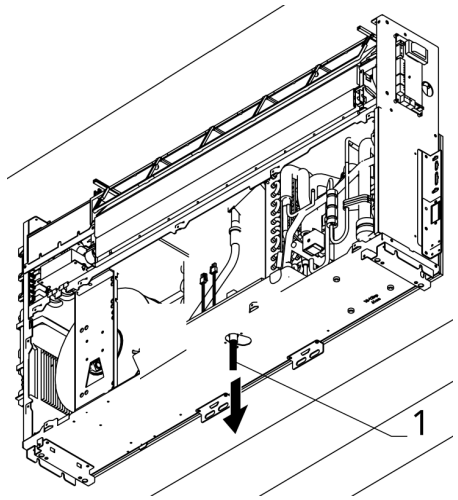


5.2.3 Replacing the AIO® drain pipe

After mounting the AIO® unit:

1. Remove the condensate drain tube supplied with the AIO® Wall Mounted unit (Figure 8).

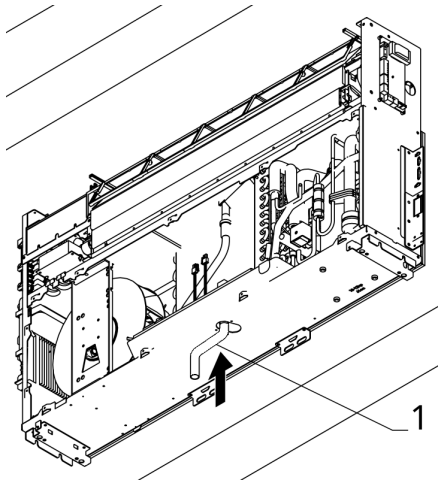
Figure 8. Replacing the drain pipe. Step 1



1	Condensate drain pipe supplied with the AIO® unit

2. Insert the Nebulizer condensate drain tube in its place (Figure 9).

Figure 9. Replacing the drain pipe. Step 2



1	Condensate drain pipe supplied with the Nebulizer kit

5.2.4 Fixing the mounting bracket

If the AIO® Wall Mounted unit is equipped with an ERV, attach the mounting bracket to the bottom of the AIO® Wall Mounted unit. Refer to Figure 10 for details.

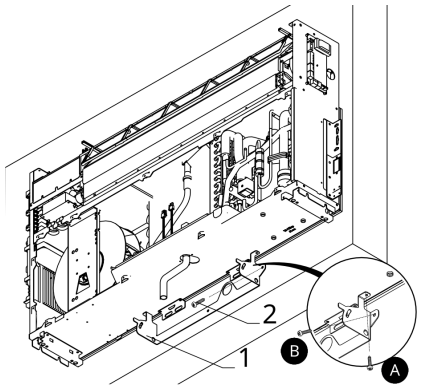
If the AIO® Wall Mounted unit lacks an ERV, you can attach the mounting bracket either to the AIO® unit or the wall.

⚠CAUTION

- For AIO® Wall Mounted Gen 2 units, do not mount the Nebulizer on the left, as this blocks access to the 3-pin Molex power connector.
- For units equipped with an ERV, do not mount the Nebulizer on the right, as this obstructs access to the ERV filter.

- When attaching the bracket to the bottom of the AIO® Wall Mounted unit, use ⅜" (9.5 mm) self-tapping screws and take care not to puncture the internal plastic drain pan of the AIO® unit.

Figure 10. Fixing the mounting bracket



A	Fixing to the AIO® unit	**1**	Mounting bracket
B	Fixing to the wall	**2**	Screws

5.2.5. Using the template to attach the mounting bracket to the wall

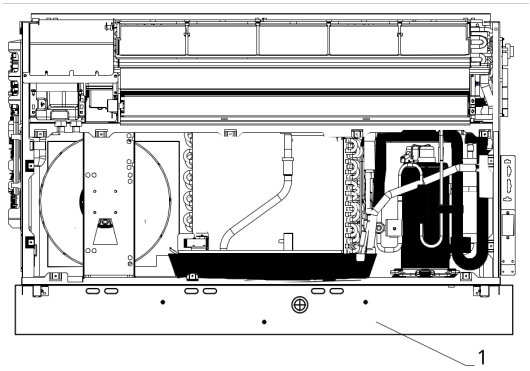
If attaching the mounting bracket to the wall, use the wall-mounting template to prepare the installation.

To view the Nebulizer mounting template as a high-quality PDF, click the link below:

AIO Wall Mounted Nebulizer Mounting Template (...

1. Align the mounting template with the reference points for the AIO® unit, as indicated on the template.
2. Attach the template to the wall and verify that it is level (Figure 11).
3. Mark the mounting hole locations through the template's indicated hole positions.
4. Mark the wall opening location for the Nebulizer's heated pipe and nozzle using the opening outline shown on the template. If an existing wall opening can be used for routing the Nebulizer's heated pipe and nozzle, use it instead.
5. Drill the ¼ (6.4 mm) mounting holes and, if necessary, the 1-3/16" (30.2 mm) wall opening according to the marks you made.
6. Insert Ø¼" (6.4 mm) plastic wall anchors, at least 1.5" (38.1 mm) in length (suitable for supporting the Nebulizer mounting bracket), in the drilled holes.

Figure 11. Applying the Nebulizer mounting template



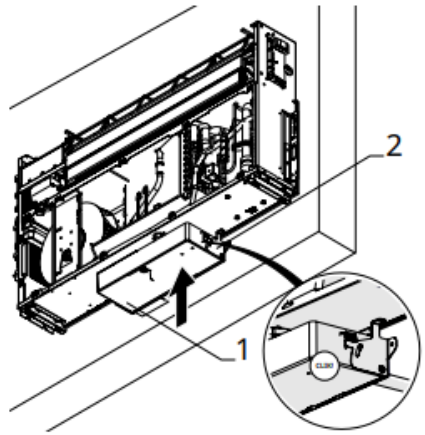
1	Nebulizer mounting template

7. Attach the mounting bracket to the wall.
8. Affix the Nebulizer tray on the mounting bracket and press upwards gently until it snaps into place.

5.2.6 Nebulizer installation beneath the AIO® unit

1. Use the mounting bracket to locate the designated Nebulizer mounting position beneath the AIO® unit.
2. Affix the Nebulizer tray on the mounting bracket and press upwards gently until it snaps into place.

Figure 12. Affixing the Nebulizer tray to the mounting bracket



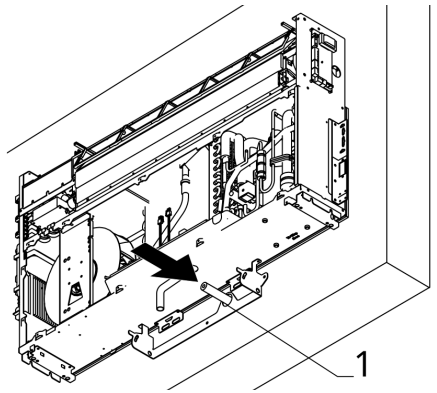
1	Nebulizer kit	**2**	Mounting bracket

3. Ensure that the condensate inlet is aligned with the AIO® drain hose.
4. Verify that the heated pipe and nozzle can reach the existing wall opening without tension.
5. Confirm the assembly is firmly seated.

5.2.7 Inserting the heated pipe in the hole in the wall

Insert the heated pipe into the hole in the wall (Figure 13).

Figure 13. Inserting the heated pipe into the hole in the wall

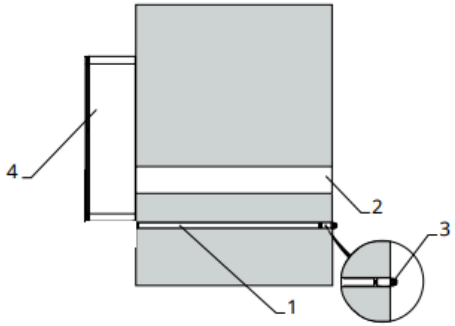


1	Heated pipe

5.2.8 Routing the heated pipe and positioning the nozzle outdoors

Route the heated pipe and nozzle through the hole in the wall so that the heated section remains inside and the nozzle protrudes outdoors (Figure 14).

Figure 14. Heated pipe and nozzle positioning

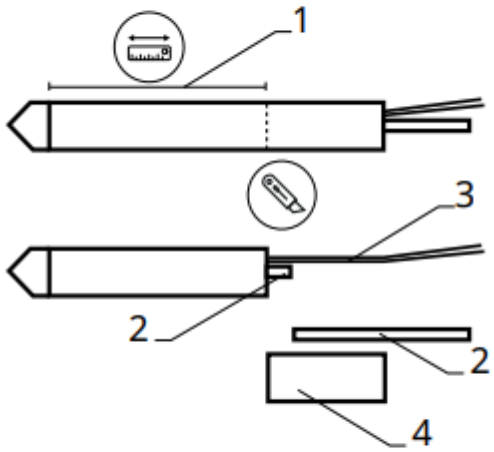


1	Heated pipe	**3**	Heated nozzle
2	Vent hole	**4**	Nebulizer unit

When routing the heated pipe assembly, bear in mind that:

- The heated pipe assembly is 25.5" (647.7 mm) long.
- Only part of the heated pipe contains electric and drainage elements. The rest is insulation that can be trimmed to the required length (Figure 15). However, when trimming, ensure that:
  - The wiring remains intact.
  - The heated nozzle remains intact and positioned outdoors.

Figure 15. Trimming the heated pipe

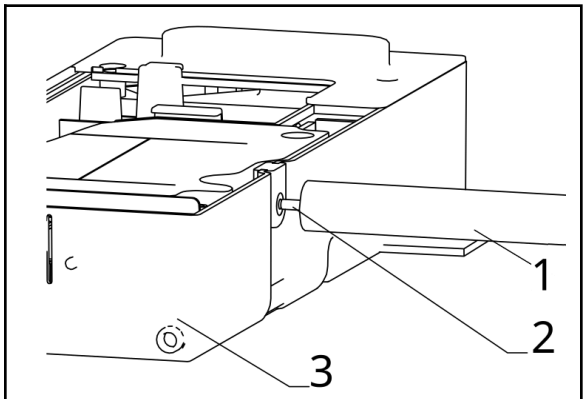


1	Wall thickness	**3**	Power cable
2	Condensate drain tube	**4**	External insulation

5.2.9 Connecting the condensate tubing

1. Locate the Nebulizer tray and its condensate inlet at the installed mounting position (beneath the AIO® unit or on the wall).
2. Route the AIO® condensate drain hose to the Nebulizer tray inlet and ensure a secure, leak-free connection.
3. Connect the blue condensate discharge tube of the heated pipe to the Nebulizer tray (Figure 16).
4. Ensure the hose is fully seated and not kinked or restricted.

Figure 16. Connecting the heated pipe



1	Heated pipe	**3**	Nebulizer tray
2	Condensate tube		

5.3 Electrical connections

⚠CAUTION

- All connections must be made in compliance with the National Electrical Code (NEC) and applicable local regulations of any local authorities having jurisdiction.
- All connections must be executed by a qualified electrician.
- Ensure that electrical power is disconnected at the main fuse or breaker panel before starting any electrical work.

The Nebulizer is powered internally by the AIO® Wall Mounted / Wall Mounted Pro unit, so no external power supply or high-voltage wiring is required.

Note

The Nebulizer uses two low-voltage Molex connectors:

- **3-pin Molex (3-Molex):** provides full-time power to the pump motor via the float switches in the drainage tray. This ensures the pump is always ready to activate when triggered by the float switches.
- **2-pin Molex (2-Molex):** powers the heat trace and nozzle heater and must be connected to a controlled output so the heaters operate only when required (during heating mode or in cold conditions).

5.3.1 Power cable connection

For AIO® Wall Mounted units with an ERV module: Install the supplied power splitter on the unit before connecting the power cable. This allows the ERV module and the Nebulizer (which connect to the same power source) to operate simultaneously.

For all AIO® Wall Mounted installations: The location of the Nebulizer power cable on the AIO® unit varies depending on the AIO® unit model:

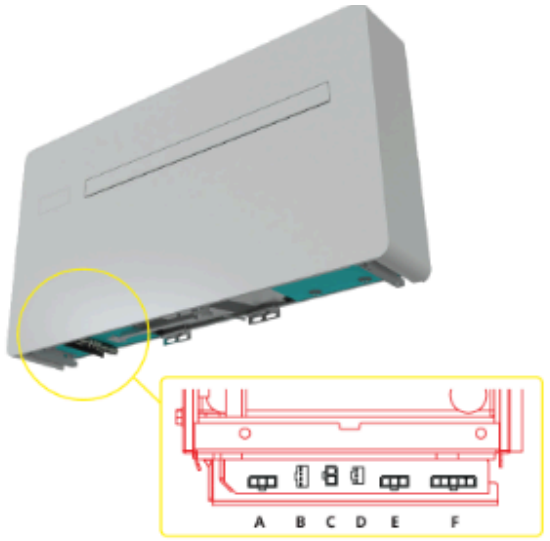
- **Gen 2 units:** The cable enters the AIO® unit from the bottom and plugs into the ERV/Nebulizer power port on the control board. Refer to Figure 17 below.
- **Gen 3 units:** The cable enters on the right-hand lower side of the AIO® unit and plugs into the ERV/Nebulizer power port. Refer to Figure 18 below for the connector position.

Connecting the Nebulizer to the power supply

For AIO® Wall Mounted Gen 2, refer to Figure 17:

1. Connect the Nebulizer's 3-pin Molex to port E (Power for ERV) of the AIO® Wall Mounted unit. (For AIO® units with an ERV, connect the 3-pin Molex through a splitter.)
2. Connect the Nebulizer's 2-pin Molex to port C (Power for heat trace on condensate line) of the AIO® Wall Mounted unit. Wires are typically two orange wires.

Figure 17. Nebulizer power cable connection to AIO® Wall Mounted Gen 2

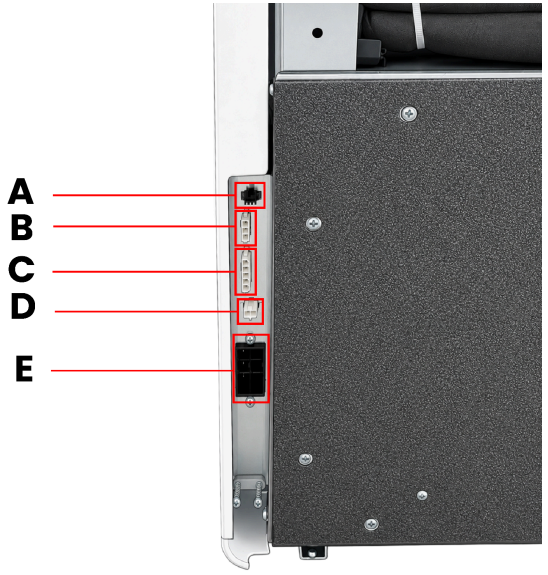


A	Power supply port for Controller Gateway	**D**	Communication port for ERV
B	Communication port for Controller Gateway	**E**	Power supply port for ERV
C	Power supply port for heat trace on condensate line	**F**	not used

For AIO® Wall Mounted Gen 3, refer to Figure 18:

1. Connect the Nebulizer's 3-pin Molex to port B (ERV/Nebulizer power) of the AIO® Wall Mounted unit. (For AIO® units with an ERV, connect the 3-pin Molex through a splitter.)
2. Connect the Nebulizer's 2-pin Molex to port D (Heat trace power/Nebulizer heat trace power) of the AIO® Wall Mounted unit. Wires are blue and brown.

Figure 18. Nebulizer power cable connection to AIO® Wall Mounted Gen 3



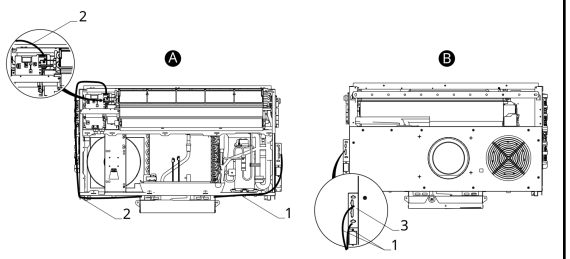
A	ECM axial condenser fan	**D**	Heat trace power/Nebulizer heat trace power
B	ERV/Nebulizer power	**E**	Quick-connect line power
C	ERV communication		

5.3.2 Alarm wiring connection

The two alarm wires enter the AIO® housing at the lower section of the unit and are routed upward to the CP terminal located in the upper-left area of the control board (see Figure 19).

These wires carry the overflow shut-off signal from the Nebulizer high float switch, causing the AIO® unit to shut down in the event of condensate overflow.

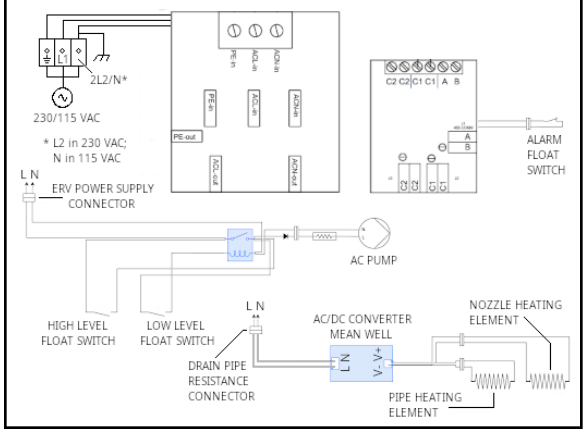
Figure 19. Nebulizer power and locations of alarm wires for AIO® Wall Mounted Gen 3



A	Front view	**1**	Power cable
B	Rear view	**2**	Alarm cable
		3	Terminal block

See Figure 20 for the complete Nebulizer wiring diagram.

Figure 20. Nebulizer wiring diagram



To view the Nebulizer wiring diagram as a high-quality PDF, click the link below:

AIO Wall Mounted Nebulizer Wiring Diagram.pdf

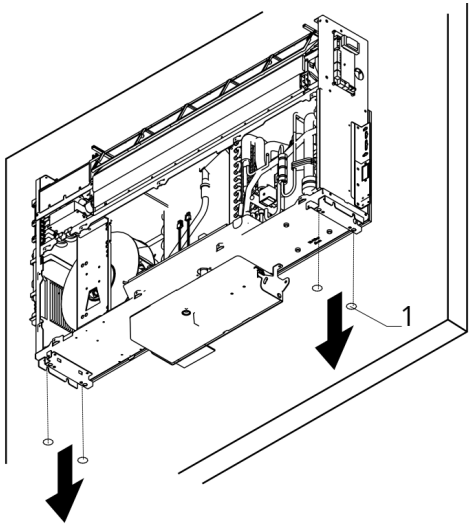
5.4 Installing the lower aesthetic cover

The lower aesthetic cover (code GB1134II) is installed in the lower area beneath the AIO® unit to conceal the Nebulizer and its pipe routing.

To install the lower aesthetic cover:

1. Remove and discard the four rubber supports from the underside of the AIO® unit, if present (Figure 21).

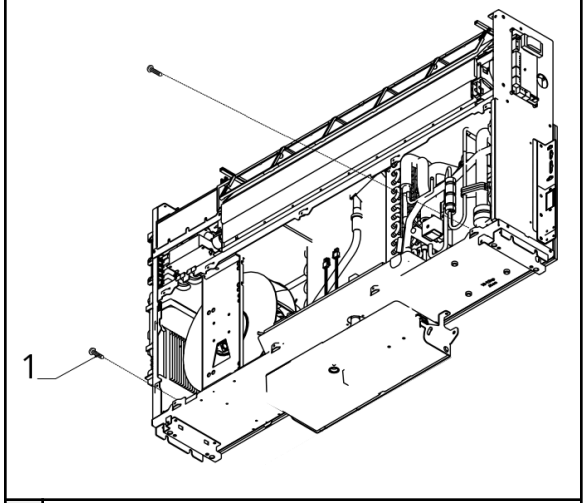
Figure 21. Lower aesthetic cover installation. Step 1



1	Rubber supports

2. Remove the two fixing screws from the bottom edge of the AIO® unit and retain them (Figure 22).

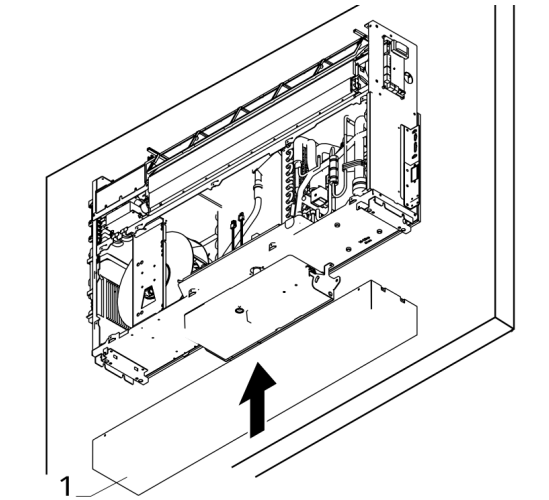
Figure 22. Lower aesthetic cover installation. Step 2



1	Fixing screws

3. Position the lower aesthetic cover under the unit (Figure 23).

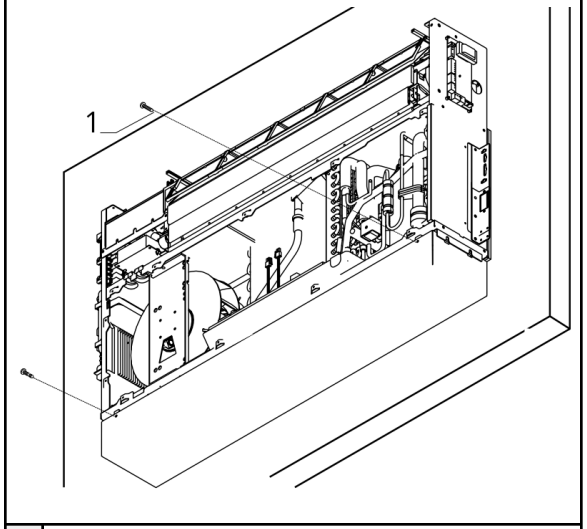
Figure 23. Lower aesthetic cover installation. Step 3



1	Lower aesthetic cover

4. Attach the lower aesthetic cover to the AIO® unit using the two fixing screws removed in step 2 (Figure 24).

Figure 24. Lower aesthetic cover installation. Step 4



1	Fixing screws

6. FINAL STEPS AFTER INSTALLATION

Complete the following tasks before leaving the installation site:

- **Clean-up:**
  - Remove all packaging materials.
  - Wipe down the AIO® unit and Nebulizer assembly with a damp, non-abrasive cloth to remove any dust.
- **User Handoff:** Review the following with the user:
  - Key features and specifications of the unit.
  - Basic operating instructions.
  - Routine maintenance requirements.
- **Protect the Unit:**
  - If the AIO® system is installed in a construction area or in any environment with ongoing dust-generating activity (such as drywall sanding or flooring work), wrap the unit and Nebulizer tightly in plastic to protect them from dust and debris.
  - Disconnect power.
  - If the installation site is exposed to salt, chemicals, or acidic air, apply a protective coating (such as DiversiTech Coil Guard) to protect metal surfaces and prevent corrosion.

⚠CAUTION

Failure to properly wrap the AIO® unit and Nebulizer assembly or to disconnect power in dusty or active construction environments may cause damage to internal components and void the warranty.

7. OPERATION AND MAINTENANCE

7.1 General guidelines

Regular service and maintenance are essential to ensure the safe, efficient, and reliable operation of the Nebulizer throughout its operational lifetime.

⚠WARNING

- Disconnect all electric power before cleaning or servicing the Nebulizer.
- Verify with a voltmeter that all terminals are de-energized before work.
- Working on energized components may cause electric shock.

⚠CAUTION

Some Nebulizer components may become warm during operation; allow them to cool before handling.

⚠CAUTION

- Do not use solvents, corrosive chemicals, or pressurized air when cleaning the Nebulizer.
- Use only clean water and a soft cloth.

Note

After completing any maintenance work, ensure that power to the AIO® Wall Mounted unit is restored and that the

system resumes normal operation with the Nebulizer.

7.2 Routine maintenance

Regular maintenance keeps the Nebulizer operating safely and efficiently.

⚠CAUTION

All service operations must be carried out by trained and qualified HVAC service technicians.

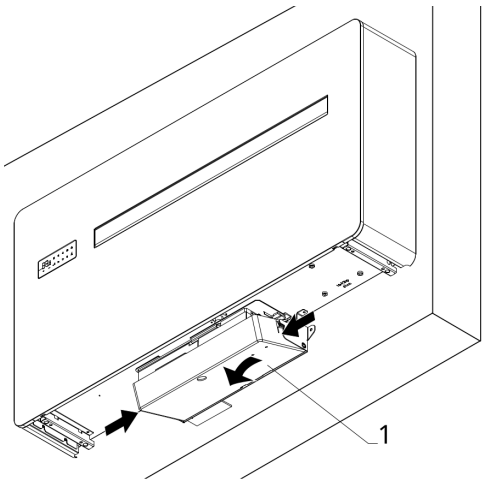
Cleaning Frequency

Clean filters and the Nebulizer tray every six months.

7.2.1 Cleaning filters and tray

1. If a lower aesthetic cover is installed on the AIO® Wall Mounted unit, remove it to access the Nebulizer tray.
2. Press the two side tabs of the Nebulizer tray to release it and tilt it forward for clear access (Figure 25).

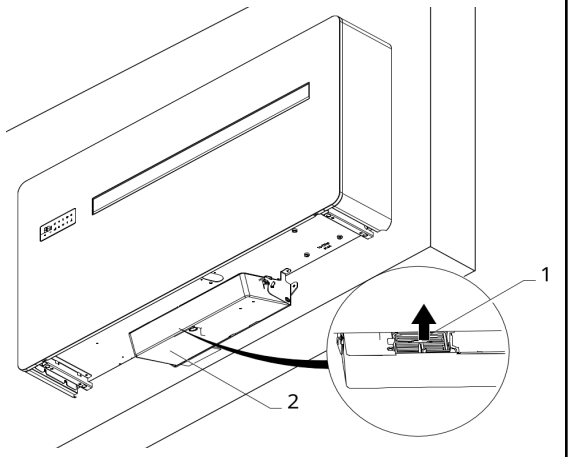
Figure 25. Accessing the Nebulizer tray



1	Nebulizer tray

3. **Remove the filters**
   Remove the filter holder from the tray and remove both mesh filters (fine and coarse) from the holder (Figure 26).

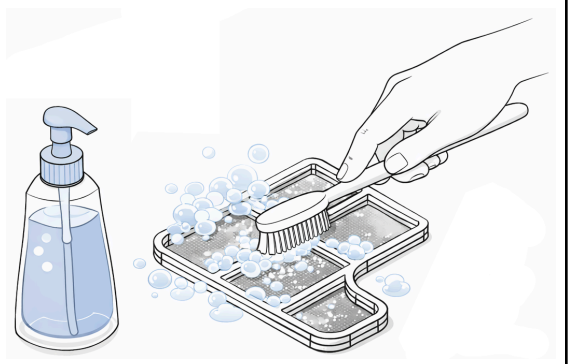
Figure 26. Removing the filters



1	Filters	2	Nebulizer tray

4. **Clean the filters**
   Remove dust from the filters using a vacuum cleaner and rinse them under running water (Figure 27).

Figure 27. Cleaning the filters



5. Reinsert the mesh filters into the filter holder and place the filter holder back in the tray. Both mesh filters must lie flat in their slots.

7.2.2 Functional test and final checks

To finish routine maintenance:

1. After cleaning and reassembling the Nebulizer, perform a functional test as specified in Section 5.1.2.
2. Drain the water and push the Nebulizer tray back until it locks into place.
3. Ensure that:
   - The tray is properly seated, and both side tabs are fully engaged.
   - The condensate drain pipe is correctly connected and not kinked.
   - If removed, the lower aesthetic cover is securely reattached to the AIO® Wall Mounted unit.

7.2.3 Visual inspection

Perform a visual inspection during and after routine maintenance or if abnormal operation is suspected:

1. **Inspect cables and connectors**
   Check that all electrical cables are intact. Ensure that all connectors are properly inserted and show no corrosion.
2. **Inspect the heated pipe and nozzle**
   Make sure the heated pipe is correctly positioned and not twisted or damaged. Confirm that the heated nozzle is free from obstructions.
3. **Inspect the drain and tray area**
   Check the tray area for leaks or deformation. Verify that the condensate drain pipe and the heated pipe are securely connected to the tray.

If damage or irregularities are found, send the unit for service by a qualified HVAC service technician before further use.

7.3 Component replacement

Component replacement must be performed only by trained and qualified HVAC service technicians.

To access internal components:

1. Disconnect the power supply.
2. If installed, remove the lower aesthetic cover.
3. Release the tray by pressing the two side tabs and tilting it forward.
4. Disconnect the drain pipe and electrical connectors if necessary.
5. Remove the tray from the wall bracket for easier access.

7.3.1 Replacing filters

The fine and coarse mesh filters should be replaced if damaged, excessively clogged, or deformed. Use only original spare parts.

To replace the filters, perform the following procedures described in Section 7.2:

1. Disconnect the power supply.
2. Remove the lower aesthetic cover, if installed.
3. Release the tray by pressing the two side tabs and tilting it forward, and remove the tray from the wall bracket for easier access.
4. Remove the filter holder and remove the fine and coarse mesh filters.
5. Install the new filters and reassemble the filter holder.
6. Reinstall the tray and push it back until it locks into place.

7.3.2 Replacing pump assembly

1. Disconnect all electrical connectors from the pump.
2. Disconnect the inlet drainage hose and the blue outlet tube from the pump.
3. Unscrew the four screws securing the pump.
4. Install the new pump on the same mount using the same screws. Reconnect all wiring and tubing following the original layout.
5. Ensure that the hose connections are tight and leak-free.
6. Perform a functional test after reassembly as described in Section 5.1.2.
7. After draining the water, reconnect the Nebulizer tray and push it back until it locks in place.

7.3.3 Replacing the heated pipe assembly

1. Disconnect the power cable and alarm wires from the Nebulizer tray.
2. Disconnect the blue outlet tube from the Nebulizer tray.
3. Remove the existing heated pipe and nozzle from the wall opening.
4. Install the replacement heated pipe and nozzle, ensuring correct alignment and insulation through the wall opening. Reconnect all wiring and tubing following the original layout.
5. Perform a functional test after reassembly as described in Section 5.1.2.
6. After draining the water, reconnect the Nebulizer tray and push it back until it locks into place.

8. TROUBLESHOOTING

This section describes common issues that may occur during operation of the Nebulizer and guides you in identifying and resolving them.

⚠ WARNING

- Disconnect all electric power before troubleshooting or servicing the unit.
- Verify with a voltmeter that all terminals are de-energized before work.
- Working on energized components may cause electric shock.

⚠ CAUTION

All troubleshooting and corrective actions must be performed only by trained and qualified HVAC service technicians.

The following are user-visible symptoms of Nebulizer-related malfunctions:

- Unexpected shutdown of the AIO® Wall Mounted unit with the “CP” error message displayed on the onboard controller.
- Condensate leakage.

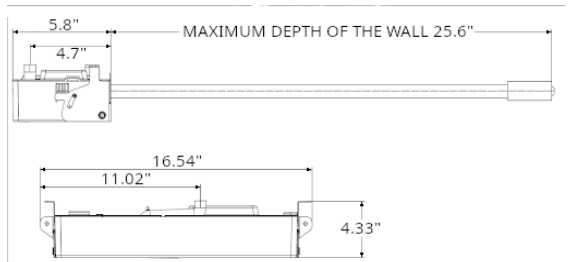
If condensate leakage is observed without a CP error or unit shutdown, first visually inspect the condensate hose and tubing connections for external leakage before proceeding. If the problem persists, check whether the pump is operating, that the high float is working correctly, and that the condensate discharge line is not clogged. Perform the applicable diagnostic and corrective procedures as described in the following table:

Possible causes	Corrective actions
High float switch not operating. This condition may be caused by: • Debris or scale buildup in the condensate compartment of the Nebulizer tray. • Failure of the high float switch. • As a result, the high float switch does not signal the control circuit when the water level rises. Condensate accumulates in the condensate compartment of the Nebulizer tray without pump operation, triggering the alarm and shutting off the AIO® Wall Mounted unit.	1. Access the Nebulizer tray (Section 7.2). 2. Inspect the tray for debris, sediment, or foreign objects. 3. Clean the tray and float switches using clean water. Do not use solvents. 4. Manually verify that the high float switch moves freely through its full range of motion. 5. Perform a functional test (Section 5.1.2). 6. If the high float switch does not operate after completing steps 2–4, replace the high float switch and repeat the functional test (Section 5.1.2) before returning the unit to service.
Condensate discharge line clogged. Scale and debris from the condensate compartment of the Nebulizer tray may cause this condition due to the following reasons: • Excessive scale or debris is present in the condensate compartment. • The low float switch does not operate correctly, causing the pump to draw dirty condensate from the bottom of the compartment. As a result, condensate accumulates in the tray without discharge, triggering the alarm and shutting off the AIO® Wall Mounted unit.	1. Disassemble the heated pipe assembly. Clean the heated nozzle using a needle, and verify that the condensate discharge line is clear. 2. Manually verify that the low float switch moves freely through its full range of motion. 3. Perform a functional test (Section 5.1.2). 4. If the low float switch does not operate after completing steps 1–3, replace the high float switch and repeat the functional test (Section 5.1.2) before returning the unit to service.
Pump failure. The pump may not operate due to one or more of the following conditions: • The pump has failed mechanically or electrically. • No power is supplied to the pump from the designated AIO® power output port. • The pump power cable connection is loose, unstable, or disconnected at the pump. As a result, condensate accumulates in the tray without discharge, triggering the alarm and shutting down the AIO® Wall Mounted unit.	1. Access the Nebulizer tray (Section 7.2). 2. Verify that the pump power cable is properly connected to the pump and that the connector is fully seated and secure. 3. Check the pump power cable routing and connection to the designated AIO® power output port using a multimeter. Ensure the connection is not loose or disconnected. If the relevant port of the AIO® unit does not supply power to the Nebulizer, contact INNOVA for service. 4. Check the resistance of the float switches using a multimeter. 5. Perform a functional test (Section 5.1.2) before returning the unit to service. 6. If the pump does not operate after completing steps 2 - 5, replace it and repeat the functional test before returning the unit to service.

9. APPENDIX

9.1 Dimensions

Figure 28. Nebulizer dimensions



To view the dimensions as a high-resolution PDF, click the link below:

AIO Wall Mounted Nebulizer Dimensions.pdf

9.2 Warranty information

The Nebulizer kit is covered by a one (1) year limited warranty provided by INNOVA from the date of installation.

In the event of a Nebulizer-related warranty claim, the customer must contact INNOVA directly. Upon confirmation of a valid warranty claim, Epocha will supply replacement parts.

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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AIO® Wall Mounted/Wall Mounted Pro Nebulizer
Installation, Operation, and Maintenance Guide