

Product Data Sheet



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ETL Listed. Control Number: 5032306. Conforms to: UL 60335-2-40:2022 Ed.4 | CSA C22.2#60335-2-40:2022 Ed.4 | UL 60335-1:2016 Ed.6 | CSA C22.2#60335-1:2016 Ed.2

MODEL NUMBER

The code identifies the product, voltage, accessories, and options. See the diagram below.

Figure 1. AIO® Model Number



* 8" Vents : Just generation
6" Vents : Generation
** Field convertible to 90°
*** AIO® Vertical Stack X

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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” refers to the AIO® Wall Mounted Pro (Gen 1) unit.

Unit orientation

All directions in this guide (left, right, top, bottom) are given from the perspective of facing the unit.

1.2 Annotation icons

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



Indicates critical information for correct operation or installation.



Indicates supplemental information, tips, or useful background information.

2. AIO® WALL MOUNTED PRO WITH ERV OPTION (GEN 1) OVERVIEW

AIO® Wall Mounted Pro units are slim and sleek. The AIO® Wall Mounted Pro unit can be mounted high or low on the wall, using a factory-supplied bracket, making installation quick and simple. An electronically controlled louver with an auto-swing function distributes airflow comfortably and uniformly. Wall Mounted Pro units are ideal for any area with free wall space. The onboard touch controller simplifies use and installation. Special adapters enable the unit to be installed perpendicular to an outside wall, used with many louver styles, or even vented through an existing window frame, with no construction required. The AIO® Wall Mounted Pro’s powerful external electronically commutated motor (ECM) condenser fan sits inside the vent pipe or adapter.

2.1 Components

Figure 2. What's Inside



1	Return air grille
2	Washable filter
3	High-efficiency in heat exchanger
4	ECM tangential s
5	Supply air louver
6	Side panel
7	BLDC inverter con
8	Electrical protecti
17	Outside air intake

2.2 Key Features

No outdoor unit

The single package design means no outdoor unit, freeing up space on rooftops and at ground level and enabling installations in buildings without space for an outdoor unit.

BLDC twin rotary inverter compressor

The state-of-the-art, twin-rotor BLDC inverter compressor operates efficiently, quietly, and with minimal vibration. The AIO® unit is ideal for any room or area that requires between 4,000 and 10,500 BTU.

High-efficiency ECM fans with auto ESP

High-efficiency ECM fans enable efficient and quiet operation as the EC motor can ramp up or down depending on the need. Automatically adjusted external static pressure ensures correct airflow.

Cold climate heat pump

The heat pump efficiently functions in temperatures as low as 5°F (-15°C) outdoors.

Optional ERV Module

The optional ERV module enables make-up/fresh air in the most efficient method possible.

Optional 1,800-watt electric heat

The optional electric heating system operates alongside the heat pump when the latter lacks adequate power. This electric heating setup consists of two 900W heaters, strategically staged to optimize efficiency while minimizing the consumption of electric heat. The unit offers configuration options for electric heat usage: it can be set to use no electric heat, 900W electric heat, or 1,800W electric heat, providing flexibility and energy management capabilities.

Intelligent defrosting

The AIO® unit's intelligent defrosting system means more time heating and less time on reverse cycle defrost.

Coil cooling system

The condensate mist system drizzles the condensate on the outdoor heat exchanger coils, lowering the coil's temperature and increasing efficiency and performance.

Quiet

With whisper-quiet operation as low as 27 decibels, the occupant will barely notice the AIO® unit is operating.

No outside noise infiltration

The AIO® unit has the lowest STC and OITC rating among comparable units. This means less outside noise intrudes into the room day and night.

Versatile on/off options

The AIO® unit's low voltage connection enables connection to any occupancy system, key-card, window sensors, fire alarms, etc.; as long as it can send a signal to the AIO® unit via low voltage, the unit can be easily turned on or off.

Minimal clearances and compact footprint

The AIO® unit's compact form with no line sets means there is no need to access the sides of the unit. Mount units with as little as ¾" (19.1 mm) clearance on all sides. Compact footprints take up minimum space.

Leak protection

A drain alarm will activate if the drain becomes clogged, and the system will be shut off, preventing water damage.

Easy to service

The AIO® unit can be easily maintained and repaired from the front or bottom of the unit without having to remove the unit from the wall or ceiling. The AIO® unit can also be quickly swapped out with a replacement, reducing downtime.

Versatile controls

The AIO® unit includes an onboard touch controller and an optional iOS and Android app. The AIO® unit can be used with optional wall-mounted controllers, including a TFT with a 7-day program and third-party controllers from any company using the optional 3rd party kit. You can purchase an optional BACnet and Modbus module to enable interfacing with building management systems.

3. AIRFLOW

3.1 Airflow Options

The AIO® Wall Mounted Pro unit is flexible in how it can be installed. Various adapters are available for the AIO® Wall Mounted Pro unit to be installed including on glass doors, integrated windows, and with no construction required.

- **Supply air**

The supply air can be controlled louvers or continuously open.

- **Return air**

The return air can be controlled by return air grille.

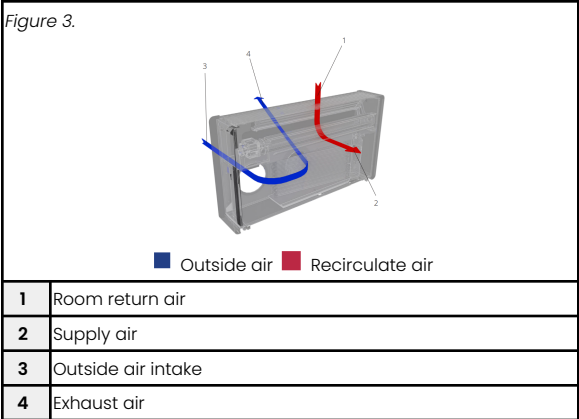
- **Outside air intake**

The 8-inch (203 mm) connection (can be used with any louvers/as long as they meet requirements).

- **Outside air exhaust**

The 8-inch (203 mm) connection (can be used with any louvers/as long as they meet requirements).

3.2 Airflow Diagram



4. INSTALLATION REQUIREMENTS



4.3 Site Requirements

-  Refer to the complete specification for details.
- Where practical, the location exposed to direct sunlight may cause the unit to detect a temperature rise in the room temperature. In this operation, recirculate mode will be decreased energy consumption.
 - The power supply must be in accordance with the local code (ANSI/NFPA 70).

4.1 Low Ambient Heating Configuration Requirement

To configure the unit for electric resistance heating in low ambient conditions:

1. Press and hold **Power** for 10 seconds to enter the **User Menu**.
2. Press and hold **+** and **-** simultaneously for 10 seconds to enter the **Installer Menu**.
3. Use **+** / **-** to scroll to **HE**, then press **Power**.
4. Use **+** / **-** to select **RT**, then press **Power** to save (save icon appears).
5. When returned to the main screen, press **A**, then press **A** again.

This setting shifts the unit to electric resistance heating during low ambient conditions, preventing heat pump operation that may contribute to ice formation.

4.2 Cold Climate Condensate Drain Requirement

For installations in cold or northern climates, a condensate drain line heater is required.

Use of a drain line heater is standard industry practice and is necessary to prevent condensate freezing during low ambient operation. Failure to install a drain line heater may result in ice formation and improper unit operation.

Abnormally low ambient temperatures may increase the risk of freezing even when the unit is properly configured.



- Always consult local and national electrical codes before installing the unit.
- Damage or premature failure of the quoted equipment resulting from improper voltage conditions, inadequate electrical service, or operating the equipment with excessive THD (Total Harmonic Distortion) levels will void the Manufacturer's warranty.



- Do not operate the unit in or near a construction or renovation site. Dust and debris can enter the unit, causing malfunctions and reduced performance.
- If the unit must be operated during construction or renovation, the air filters and accessible coil surfaces must be inspected and cleaned daily before operation.
- Failure to perform daily cleaning during construction use may result in damage and will void the warranty.

- Voltage rating of 60 Hz, single phase in 115V or 208/230V in accordance with the model specified.
- All responsible parties must verify that the electrical supply is properly grounded, free of excessive electrical noise, and within the specified voltage and frequency limits before energizing the unit. Failure to correct power quality issues, including voltage instability or electrical noise, may result in equipment damage and will void the warranty for affected components.
- Interior clearances are as follows:
 - Sides of unit to wall: 1" (25.4 mm)
 - Bottom of unit to floor: 3" (76.2 mm)
 - Top of unit to any obstruction: 3.5" (88.9 mm)
- Unblocked vents on the exterior and no obstacles within 36" (914.4 mm).
- An internal drain is highly recommended.
- If using an externally run condensate line:
 - The line must be properly insulated.
 - The line must have a minimum of 2% slope.
 - It is highly recommended that you use a heat trace wire on the line.
- Approved louvers must be installed with best practices to ensure that no water enters the wall assembly.
- 8" (203.2 mm) diameter ducts through the wall, which protrude 1/8" (3.2 mm) into the unit's EPDM backing to ensure a tight seal.

- The unit must be perfectly level on the horizontal axis and perfectly plumb on the vertical axis.
- The unit must be attached to the ducts tightly, with zero leakage between the external ducts and the unit. If the wall is not plumb, use insulating material.
- The wall bracket must be properly affixed to wall studs or other supporting material. Note that the wall bracket has several places that must be secured.
- **Pressure drop:** Pressure drop is the resistance the louver/grille creates against the airflow. This resistance can create heat build-up inside the condenser portion, causing the compressor to overheat and shut down. A solution with a higher pressure drop than specified can be utilized by enlarging the louver and plenum until the pressure drop is within specification.

The maximum total pressure for the i

4.4 Louver Specifications

AIO® Wall Mounted Pro units can be vented through all kinds of custom and creative solutions. The possibilities are endless, from perforated panels to custom louvers.

There are two critical factors in selecting and sizing a solution that will work with AIO® Wall Mounted Pro units.

- **Free area:** This area on a louver/grille is open for the air to flow through. The louver, perforated panel, or other solution must have at least the amount of free area as required in the specifications below in the plenum from the unit, so that ample air can enter and exit the condenser chamber. A more restrictive solution with a smaller free area can be utilized by enlarging the louver and plenum until the required free area is achieved.
The minimum free area required is .21 square feet (.02 m²) for the intake vent and .21 square feet (.02 m²) for the exhaust vent.

Intake and exhaust louvers combined must be under 0.45" WC (112.1 Pa).

Any louver must meet these requirements, as exceeding these limits can cause the unit to overheat and fail, and void the warranty.

The following louvers are approved for AIO® Wall Mounted units:

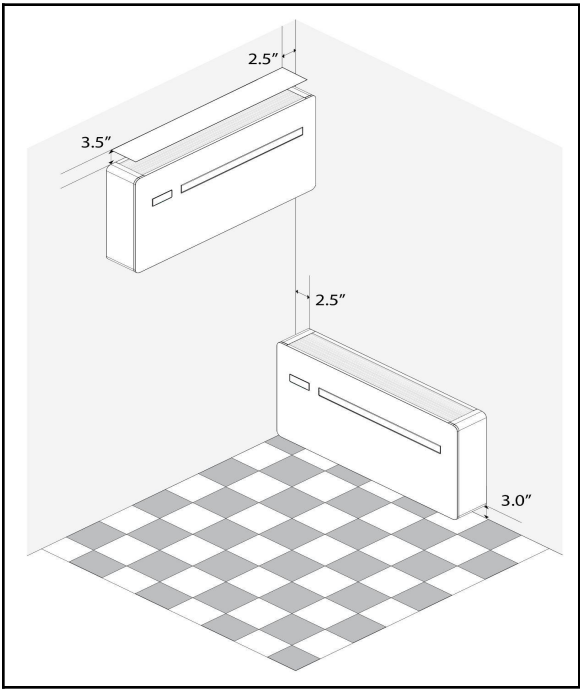
- **Sunvent:** LLA/C, LLA/M, LLA/s - available through your INNOVA distributor.
- **Thermaduct:** RLA6 - available through your INNOVA distributor.

4.5 Clearance requirements

The clearances for the AIO® Wall Mounted Pro unit depend on how it is mounted. Carefully read the criteria below to determine the correct clearance required.

- **Top - low wall**
There must be clearance to the ceiling, etc. This is needed (mm) of clearance, changing the
- **Top - high wall**
There must be clearance from the ceiling to return airflow. recommended servicing the
- **Bottom**
There must be clearance from the floor to eliminate and allow the
- **Sides**
The AIO® Wall Mounted Pro unit must be clear of the wall on either side during operation. as 1" (25.4 mm) to prevent any noise from the unit (mm) on the side. removing and
- **Front**
Ensure no curbside material is within 36" (914.4 mm). The supply air will inhibit the unit from operating correctly.
- **Rear**
The rear of the unit must be clear. There are zero clearance requirements. unit. Gaps can cause short cycling. they must be
- **Exterior**
On the exterior, there must be no obstacles blocking the unit. There must be clear space in

Figure 5.



5. TECHNICAL SPECIFICATIONS

5.1 Cooling and heating

5.1.1 Cooling

Table 1. Performance - Cooling mode

Heat Pump		95°F (35°C) (1)	105°F (40.6°C) (2)	115°F (46.1°C) (3)
Maximum*	BTU/hr	15,000	12,000	13,500
Rated**		9,000	8,200	7,700
Minimum		3,300	3,300	3,300
Input Power	W	801	909	982
Efficiency		15.74 SEER2	9.22 EER2	7.84 EER2
Moisture Removal	Pts/h	1.9	-	-
	L/hr	0.9	-	-

Notes
(1) ID: 80°F(26.7°C), W.B. 67°F(19.4°C) | OD: 95°F(35°C), W.B. 75°F(23.9°C)
(2) ID: 80°F(26.7°C), W.B. 67°F(19.4°C) | OD: 105°F(40.6°C), W.B. 75°F(23.9°C)
(3) ID: 80°F(26.7°C), W.B. 67°F(19.4°C) | OD: 115°F(46.1°C), W.B. 75°F(23.9°C)

5.1.2 Heating

Table 2. Performance - Heating mode

Heat Pump		47°F (8.3°C) (1)	17°F (-8.3°C) (2)	5°F (-15°C) (3)	0°F (-17.8°C) (4)	-5°F (-20.6°C) (5)
Maximum*	BTU/hr	14,500	9,100	6,700	6,500	6,100
Rated**		8,200	7,600	5,600	5,400	5,100
Minimum		3,300	3,300	3,300	3,300	3,300
Input Power	W	711	935	919	953	917
Efficiency		8.41 HSPF2	2.38 COP	1.76 COP	1.66 COP	1.63 COP

Notes
(1) ID: 70°F(21.1°C), W.B. 60°F(15.6°C) | OD: 47°F(8.3°C), W.B. 43°F(6.1°C)
(2) ID: 70°F(21.1°C), W.B. 60°F(15.6°C) | OD: 17°F(-8.3°C), W.B. 13°F(-10.6°C)
(3) ID: 70°F(21.1°C), W.B. 60°F(15.6°C) | OD: 5°F(-15°C), W.B. 3°F(-16.1°C)
(4) ID: 70°F(21.1°C), W.B. 60°F(15.6°C) | OD: 0°F(-17.8°C)
(5) ID: 70°F(21.1°C), W.B. 60°F(15.6°C) | OD: -5°F(-20.6°C)

5.1.3 Heat Pump +

Table 3. Performance - heat

Heating		(1)
Maximum*	BTU/hr	2
Rated**		
Minimum		
Input	W	

Notes
(1) ID: 70°F(21.1°C), W.B. 60°F(15.6°C)
(2) ID: 70°F(21.1°C), W.B. 60°F(15.6°C)
(3) ID: 70°F(21.1°C), W.B. 60°F(15.6°C)
(4) ID: 70°F(21.1°C), W.B. 60°F(15.6°C)
(5) ID: 70°F(21.1°C), W.B. 60°F(15.6°C)



5.2 Airflow

5.2.1 Indoor

Table 4. Airflow – Indoor

Air volume			
Indoor	Type		ECM centrifugal
	Flow	CFM	160– 290
		m³/hr	272 – 493
	Supply connection		Integrated
	Return connection		Integrated
	Speeds		Low, med, high, auto
	Filter		MERV 3

5.2.2 Outdoor

Table 5. Airflow – Outdoor

Air volume			
Outdoor	Type		ECM centrifugal
	Flow	CFM	184– 490
		m³/hr	313 – 834
	Available ESP		0.25" WC 62.3 Pa
	Intake and exhaust connection		8" (203.2 mm) round (external exhaust fan is 8.0" [203.2 mm] diameter) - must leave room for clearance

5.3 Sound

Table 6. Sound

Sound		
Indoor	dB(A)	29 – 49
	STC	40
	OITC	35
Outdoor	dB(A)	28–55

5.4 General

5.4.1 Controls

Table 7. General – Controls

Controls	
Basic functionality	Dependent on the controller
WiFi	Optional module available
Dry contact	Yes

5.4.2 Modes

Table 8. General – Modes

Modes	
Operation	Cool, heat, dehumidify, auto, fan only
Restricted modes	Heat only, cool only, temperature limiting
Timers	Dependent on the controller

5.4.3 Condensate

Table 9. General – Condensate

Condensate	
Pipe size	3/4" (19 mm) Outside diameter
Pipe material	Rubber

5.4.4 Physical



For detailed dimensions, refer to the drawings in [Section 8](#).

Table 10. General – Physical

Physical data			
Dimensions		in	39.9 W x 21.6 H x 6.9+6 fan depth
		mm	1014 W x 549 H x 683 + 152 fan depth
Weight	Net	lb	100
		kg	45.4
	Gross	lb	105
		kg	47.6
Cabinet	Finish		RAL 9003 signal white
	Material		Steel

5.4.5 Compressor

Table 11. General – Compressor

Compressor	
Type	B
Refrigerant	F
	F
Oil Type	F

5.5 Electrical

5.5.1 General

Table 12. Electrical – General

Physical data	
Volt range	
Hz/phase	
Power supply	
Power factor (%)	
Input power (standby)	
Input power (off mode)	
Cooling (nominal)	
Cooling (max)	
Heat Pump Only	
Heating-heat pump o	
Heating-heat pump o	
Heat Pump+900 W Ele	
Heating-heat pump+S	
Heating-heat pump+S	
Heating-Heat Pump+1	
Heating-Heat Pump+1	

Table 13. Electrical - Circuit breakers

Circuit breakers			115V	230V
Heat Pump Only	MCA	A	20	10
	Recommended breaker size		20	15
	MOCP		35	20
Heat Pump+900 W Elec Heat	MCA	A	30	15
	Recommended breaker size		30	20
	MOCP		40	20
Heat Pump+1800 W Elec Heat	MCA	A	N/A	20
	Recommended breaker size		N/A	20
	MOCP		N/A	30



In accordance with UL 60335-2-40, motor compressor ratings for Rated Load Amps (RLA) and Locked Rotor Amps (LRA) are determined according to Annex 101.DVB. For motor-compressors controlled by an adjustable speed drive, RLA and LRA shall be replaced with the rated input current of the power conversion equipment.

5.5.2 Motors

Table 14. Electrical - Motors

Motors			115V	230V
Compressor	RLA	A	9.35	4.7
	LRA		9.35	4.7
Indoor ECM fan motor	Watts (max)	W	50	50
	FLA	A	0.4	0.2
	Power	HP	0.07	0.07
Outdoor ECM fan motor	Watts (max)	W	150	150
	FLA	A	1.3	0.7
	Power	HP	0.20	0.20

5.5.3 LCDI Power cords

Table 15. Electrical - LCDI Power Cords

LCDI Power Cord		115V	230V
Heat Pump Only	Amps	20	15
	Plug Type	5-20P	6-15P
Heat Pump+900 W Elec Heat	Amps		15
	Plug Type		6-15P
Heat Pump+1800 W Elec Heat	Amps		20
	Plug Type		6-20P

6. WIRING D

6.1 115V Heat

To view the diagram link below:

AIO Wall Mount

Figure 6.

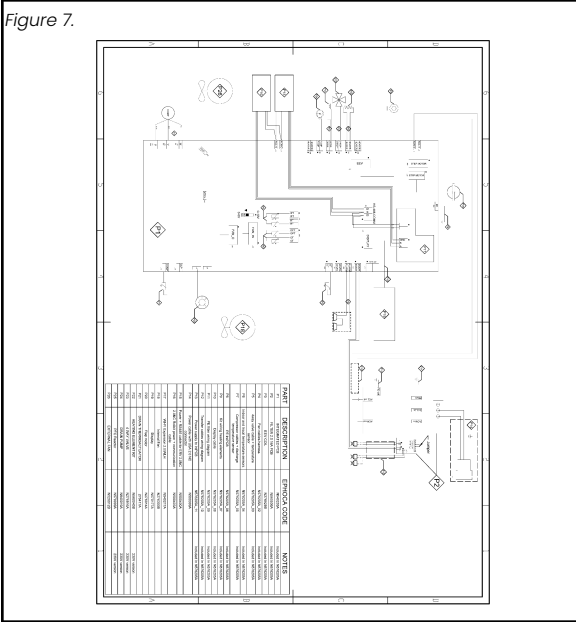


6.2 230V Heat pump only

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

[PDF AIO Wall Mounted 230V Wiring Diagram.pdf](#)

Figure 7.

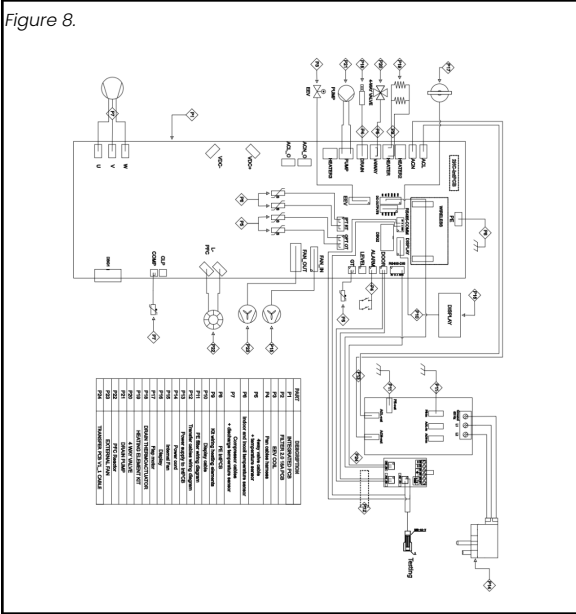


6.3 230V Heat pump + electric heat

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

[PDF AIO Wall Mounted 230V with electric heat \(V 5.0\)...](#)

Figure 8.



6.4 Notes

Table 16. 230V Heat pu

Electric Heat Parts		
P1	Description	
	INNOVA Code	
	Note	
P2	Description	
	INNOVA Code	
	Note	
P3	Description	
	INNOVA Code	
	Note	
P4	Description	
	INNOVA Code	
	Note	
P5	Description	
	INNOVA Code	
	Note	
P6	Description	
	INNOVA Code	
	Note	
P7	Description	
	INNOVA Code	
	Note	
P8	Description	
	INNOVA Code	
	Note	
P9	Description	
	INNOVA Code	
	Note	
P10	Description	
	INNOVA Code	
	Note	
P11	Description	
	INNOVA Code	
	Note	
P12	Description	
	INNOVA Code	
	Note	
P13	Description	
	INNOVA Code	
	Note	
P14	Description	
	INNOVA Code	
P15	Description	
	INNOVA Code	
P16	Description	
	INNOVA Code	
P17	Description	
	INNOVA Code	
P18	Description	
	INNOVA Code	
P19	Description	

Electric Heat Parts		230V
P20	INNOVA Code	N570177A
	Description	Flap motor
P21	INNOVA Code	N276300B
	Description	Drain thermo actuator
P22	INNOVA Code	N276417A
	Description	Heating element kit
	Note	230V version
P23	INNOVA Code	N560043B
	Description	4-way valve
	Note	230V version
P24	INNOVA Code	N276916A
	Description	Drain pump
	Note	230V version
P25	INNOVA Code	N640019A
	Description	PFC Reactor
P26	INNOVA Code	N579099A
	Description	External fan cable from IntPCB to base
P27	INNOVA Code	N500398A
	Description	Tubular heating element 2x900w -230V
P28	INNOVA Code	N560506A
	Description	187.25 kilo-ohm copper probe L = 300mm
P28	INNOVA Code	N500321A
	Description	

7. EXTERNAL FAN

The AIO® Wall Mounted Pro uses an extraordinarily powerful fan that sits inside the sleeve, plenum box, or wall assembly. When installing the unit, first the mounting bracket is secured to the wall, then the fan is secured to the wall bracket and connected to the AIO® Wall Mounted unit.

Figure 9.

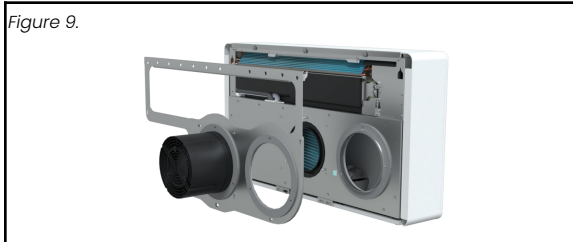


Figure 10.

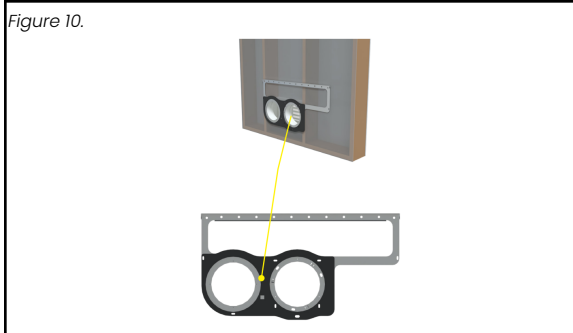
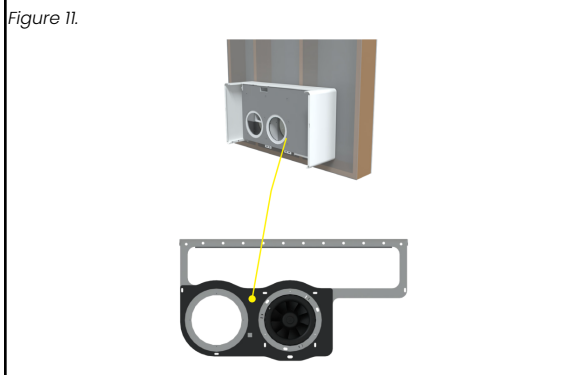


Figure 11.



8. DIMENSIONS

To view the dimensions of the AIO Wall Mounted Pro, click on the link below to view the dimensions as a high-resolution image.

[PDF AIO Wall Mounted Pro Dimensions](#)

Figure 12. Dimensions of the AIO Wall Mounted Pro.



Figure 13. Dimensions of the AIO Wall Mounted Pro.

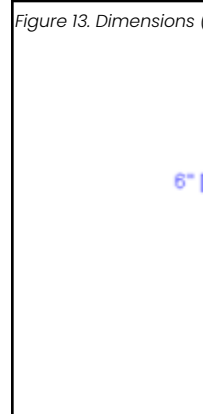


Figure 14. Dimensions of the AIO Wall Mounted Pro.

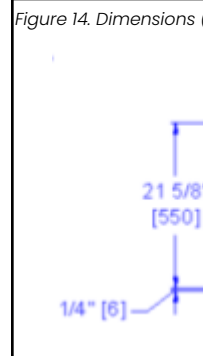


Figure 15. Dimensions (right view)

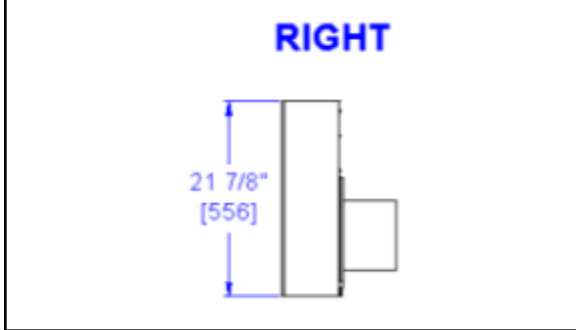


Figure 16. Dimensions (bottom view)

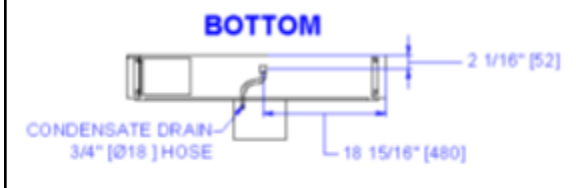
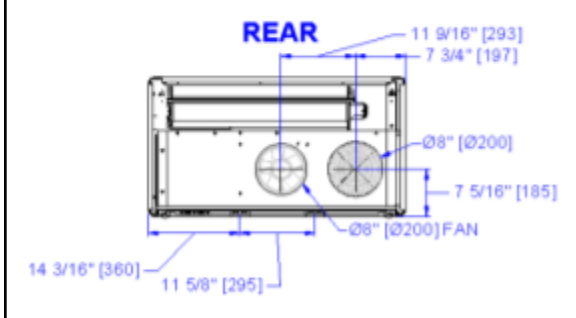


Figure 17. Dimensions (rear view)



9. WARRANTY

9.1 Basic Coverage

- **Parts:** 5 years from delivery.
- **Compressor:** 10 years from delivery.
- **Labor:** 2 years from certification (only if at least 10 units are installed, the site is certified by INNOVA or self-certified, and spare stock equal to 3% of total units is maintained)
- **Controllers:** Covered under a 2-year warranty.

9.2 Optional Extended Coverage

- **Additional 2-Year Parts & Labor Warranty:** Extends the basic coverage to 4 years labor and 7 years parts.
- **Extended 10-Year Parts Warranty:** Extends parts coverage to 10 years total.
- **Extended 5-Year Full Warranty:** Extends full parts and labor coverage to 5 years total.
- **Extended 10-Year Full Warranty:** Provides a 10-year full warranty on parts, labor, and compressor.
- **Extended 15-Year Full Warranty:** Provides a 15-year full warranty on parts, labor, and compressor.

9.3 Validation Requirements

- Installation must be certified by an INNOVA technician or self-certified within 30 days.
- Installers must complete INNOVA training.
- The system must comply with local codes, use approved louvers, and be properly maintained (e.g., clean filters monthly, coils every 18 months).

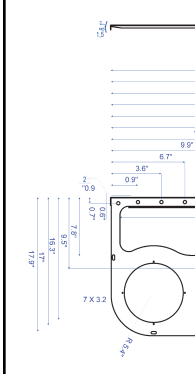
For warranty service or claims, contact INNOVA Support at vip@innova.co or (212) 204-2700.

For detailed terms and conditions, click the link below:

[AIO Warranty Terms and Conditions - 2026 - Inn...](#)

10. WALL MOUNTING

Figure 18.



11. SUBMITTALS

11.1 115V Heat pump only

AIO® WALL MOUNTED PRO - 115V - NO ELECTRIC HEAT - R32 - SUBMITTAL (APP10N3HI)

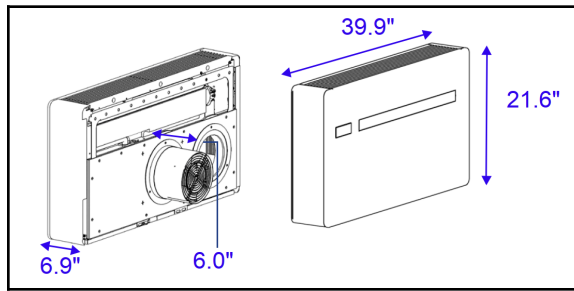
General Features

- BLDC inverter compressor
- ECM fans
- R32 Refrigerant
- Intelligent defrost
- No outdoor unit
- Condensate disbursement systems
- Onboard touch controller
- Optional add-on ERV
- Washable filter
- Electronically controlled air louver
- Compact, slim design
- 3 selectable fan speeds + Auto
- 10-Year limited warranty (after certification)
- Made in Italy

The installing contractor must contact INNOVA Customer Technical Support prior to installation to schedule an installation training overview.

This may be conducted in person or remotely (online). It is the official installation training and may include videos, best practices, and system requirements.

Performing installations without training may result in installation errors, performance issues, and possible warranty limitations.



Performance Specifications		
Cooling Capacity (BTU/hr)		9,000
SEER2		15.74
EER2		11.23
Heating Capacity (Btu/h)		8,200
HSPF2		8.41
Circulation	CFM	160-290
	m ³ /hr	272 - 493
Dehumidification	Pts/h	1.9
	L/hr	0.9

Electric Specifications	
Power Supply (V/Ph/Hz)	115V/1Ph/60Hz
Voltage Range	103-127
Running Amps Cooling	6.9
Max Amps Cooling	14.7
Running Amps Heating	5.8
Max Amps Heating	14.2
MCA	20
Maximum Overcurrent Protection (A)	35
Recommend breaker size	20
Max Power Input (watts) Cooling:	1,800
Max Power Input (watts) Heating	1,800

Included	Wall Control
☐	Wireless Remote
☐	Basic Touchscreen
☐	Recessed Touchscreen
☐	Advanced Touchscreen program
☐	Wireless (AA) with 7-Day program
☐	Third Party Control
☐	WiFi App
☐	E-Paper EOS
☐	Simple EOS
☐	Integration of MODBUS and MODBUS
☐	Integration of MODBUS, BA, thermostats

Included	General Accessories
☐	ERV
☐	Underbody Mount
☐	Underbody Mount
☐	Reducer Plate (152.4 mm)

Included	LCDI Power
☐	72 in. (1829 mm)

11.2 115V Heat pump + elec heat

AIO® WALL MOUNTED PRO -115V - 900W ELECTRIC HEAT - R32 -SUBMITTAL (APEION3HI)

Job	Reference	Construction
Location	Approval	Quote Number
Engineer	Date	Drawing Number
Submitted To	Submitted By	P.O. Number

General Features

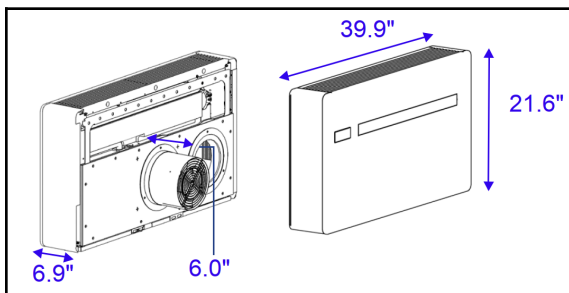
- BLDC inverter compressor
- ECM fans
- R32 Refrigerant
- Intelligent defrost
- No outdoor unit
- Condensate disbursement systems
- Onboard touch controller
- Optional add-on ERV
- Washable filter
- Electronically controlled air louver
- Compact, slim design
- 3 selectable fan speeds + Auto
- 10-Year limited warranty (after certification)
- Made in Italy



The installing contractor must contact INNOVA Customer Technical Support prior to installation to schedule an installation training overview.

This may be conducted in person or remotely (online). It is the official installation training and may include videos, best practices, and system requirements.

Performing installations without training may result in installation errors, performance issues, and possible warranty limitations.



Performance Specifications		
Cooling Capacity (Btu/h)		9,000
SEER2		15.74
EER2		11.23
Heating Capacity (Btu/h)		8,200
HSPF2		8.41
Circulation	CFM	160-290
	m³/hr	272 - 493
Dehumidification	Pts/h	1.9
	L/hr	0.9

Electric Specifications	
Power Supply	230V/1Ph/60Hz
Voltage Range	103 - 127
Running Amps Cooling	6.9
Max Amps Cooling	14.7
Running Amps Heating	13.6
Max Amps Heating	22.0
MCA	30
Maximum Overcurrent Protection (A)	40
Recommend breaker size	30
Max Power Input (watts) Cooling	1,800
Max Power Input (watts) Heating	2,700

Included	Wall Control
☐	Wireless Remote
☐	Basic Touchscreen
☐	Recessed Touchscreen
☐	Advanced Touchscreen program
☐	Wireless (AA) with 7-Day program
☐	Third Party Control
☐	WiFi App
☐	E-Paper EOS
☐	Simple EOS
☐	Integration of MODBUS and MODBUS
☐	Integration of MODBUS, BA, thermostats

Included	General Accessories
☐	ERV
☐	Underbody Mounting Bracket
☐	Underbody Mounting Bracket
☐	Reducer Plate (152.4 mm)

Included	LCDI Power
☐	72 in. (1829 mm)

11.3 230V Heat pump only

AIO® WALL MOUNTED PRO – 230V – NO ELECTRIC HEAT – R32 – SUBMITTAL (APPI0N3H2)

Job	Reference	Construction
Location	Approval	Quote Number
Engineer	Date	Drawing Number
Submitted To	Submitted By	P.O. Number

General Features

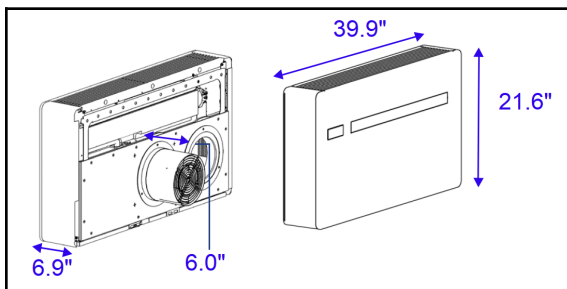
- BLDC inverter compressor
- ECM fans
- R32 Refrigerant
- Intelligent defrost
- No outdoor unit
- Condensate disbursement systems
- Onboard touch controller
- Optional add-on ERV
- Washable filter
- Electronically controlled air louver
- Compact, slim design
- 3 selectable fan speeds + Auto
- 10-Year limited warranty (after certification)
- Made in Italy



The installing contractor must contact INNOVA Customer Technical Support prior to installation to schedule an installation training overview.

This may be conducted in person or remotely (online). It is the official installation training and may include videos, best practices, and system requirements.

Performing installations without training may result in installation errors, performance issues, and possible warranty limitations.



Performance Specifications		
Cooling Capacity (Btu/hr)		9,000
SEER2		15.74
EER2		11.23
Rev. Cycle Heating Capacity (Btu/h)		8,200
HSPF2		8.41
Circulation	CFM	160-290
	m³/hr	272 - 493
Dehumidification	Pts/h	1.9
	L/hr	0.9

Electric Specifications	
Power Supply	230V/1Ph/60Hz
Voltage Range	180 - 253
Running Amps Cooling	3.4
Max Amps Cooling	7.8
Running Amps Heating	2.9
Max Amps Heating	7.1
MCA	10
Maximum Overcurrent Protection (A)	20
Recommend breaker size	15
Max Power Input (watts) Cooling	1,800
Max Power Input (watts) Heating	1,800

Included	Wall Control
☐	Wireless Remote
☐	Basic Touchscreen
☐	Recessed Touchscreen
☐	Advanced Touchscreen program
☐	Wireless (AA) with 7-Day program
☐	Third Party Control
☐	WiFi App
☐	E-Paper EOS
☐	Simple EOS
☐	Integration of MODBUS and MODBUS
☐	Integration of MODBUS, BA, thermostats

Included	General Accessories
☐	ERV
☐	Underbody Mount
☐	Underbody Mount
☐	Reducer Plate (152.4 mm)

Included	LCDI Power
☐	72 in. (1829 mm)

11.4 230 VAC Heat Pump + Electric Heat

AIO® WALL MOUNTED PRO – 230V – 900/1800W ELECTRIC HEAT – R32 – SUBMITTAL (APK10N3H2)

Job	Reference	Construction
Location	Approval	Quote Number
Engineer	Date	Drawing Number
Submitted To	Submitted By	P.O. Number

General Features

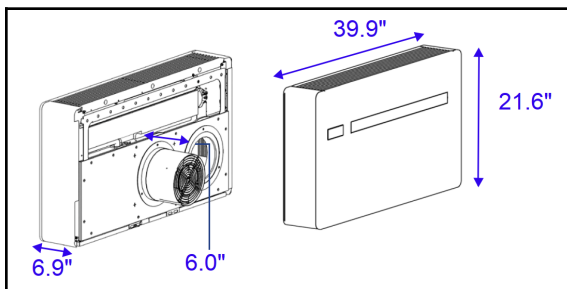
- BLDC inverter compressor
- ECM fans
- R32 Refrigerant
- Field configured 1,800W Electric heat supplement, Staged as 900W + 900W
- Intelligent defrost
- No outdoor unit
- Condensate disbursement systems
- Onboard touch controller
- Optional add-on ERV
- Washable filter
- Electronically controlled air louver
- Compact, slim design
- 3 selectable fan speeds + Auto
- 10-Year limited warranty (after certification)
- Made in Italy



The installing contractor must contact INNOVA Customer Technical Support prior to installation to schedule an installation training overview.

This may be conducted in person or remotely (online). It is the official installation training and may include videos, best practices, and system requirements.

Performing installations without training may result in installation errors, performance issues, and possible warranty limitations.



Performance Specifications		900W	1800W
Cooling Capacity (Btu/h)		9,000	9,000
SEER2		15.74	15.74
EER2		11.23	11.23
Rev. Cycle Heating Capacity (Btu/h)		8,200	8,200
Electric heat (Btu/h)		3,070	6,140
HSPF2		8.41	8.41
Circulation	CFM	160–290	160–290
	m ³ /hr	272 – 493	272 – 493
Dehumidification	Pts/h	1.9	1.9
	L/hr	0.9	0.9

Electric Specifications		900W	1800W
Electric Specifications		230V/1Ph/60Hz	230V/1Ph/60Hz
Voltage Range		180–253	180–253
Running Amps Cooling		3.4	3.4
Max Amps Cooling		7.8	7.8
Running Amps Heating		6.8	10.7
Max Amps Heating		11.0	14.9
MCA		15	20
Maximum Overcurrent Protection (A)		20	30
Recommend breaker size		20	20
Max Power Input (watts) Cooling		1,800	1,800
Max Power Input (watts) Heating		2,700	3,600

Included	Wall Control
☐	Wireless Remote
☐	Basic Touch Controller
☐	Recessed Touch Controller
☐	Advanced Touch Controller
☐	Wireless (AA) with 7-Day Programmable
☐	Third Party Controller
☐	WiFi App
☐	E-Paper EOS
☐	Simple EOS
☐	Integration of MODBUS and MODBUS
☐	Integration of MODBUS, BA, and thermostats

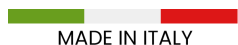
Included	General Accessories
☐	ERV
☐	Underbody Mounting Bracket
☐	Underbody Mounting Bracket
☐	Reducer Plate (152.4 mm)

Included	LCDI Power
☐	72 in. (1.8 m)



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.

[innova.co](https://www.innova.co) | **USA:** 216-710-1000 **Canada:** 416-739-1000



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Revised August 19, 2026

AIO® Wall Mounted Pro (Gen 1)

Product Data Sheet