Product
Data Sheet

Wall Mounted

List price $4,271

CONTENTS

AIO Wall Mounted units are slim and sleek. The wall-mounted unit can be mounted high or low with 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 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. Wall's powerful external ECM condenser fan sits inside the vent pipe or adapter.

Ephoca is constantly innovating and improving its products and reserves the right to modify product design and specifications without notice and without incurring any obligations.

Ephoca is the US subsidiary of Innova SRL - Via 1° Maggio, 8 – 38089 Storo (TN) Italy.

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 rotary BLDC inverter compressor operates efficiently, quietly, and with minimal vibration. AIO 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 with efficiently function down to 5°F outdoors.
- **Optional ERV Module**
  The optional ERV module enable 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**
  AIO's intelligent defrosting system means more time heating and less time on reverse cycle defrost.
- **Coil cooling system**
  The condensate mister 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 AIO is operating.
- **No outside noise infiltration**
  AIO has the lowest STC and OITC rating among comparable units. This means less outside noise intruding into the room day and night.
- **Versatile on/off options**
  AIO'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 AIO via low voltage, the unit can be easily turned on or off.
- **Corrosion protection**
  AIO comes standard with corrosion protection, assuring many years of trouble-free performance.
- **Minimal clearances and compact footprint**
  AIO'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 3/4 inch 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**
  AIO 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. AIO can also be quickly swapped out with a replacement, reducing downtime.
- **Versatile controls**
  AIO includes an onboard touch controller and an optional iOS and android app. AIO can be used with optional wall-mounted controllers, including a TFT with 7 day program and third-party controllers from any company using the optional 3rd party kit. An optional BACnet and Modbus module enables interfacing with building management systems
- **10-Year limited warranty**
  An industry-leading ten-year limited warranty provides peace of mind. Comprehensive onsite one-year parts and labor. Nine-year parts warranty on the compressor.

  Available extended on-site comprehensive parts and labor warranty for five, ten and 15 years.

TECHNICAL REQUIREMENTS

Site Requirements

Note: Refer to the full specifications for detailed information about the list of specifications.

- The power supply circuit is installed in accordance with the current edition of NEC (ANSI/NFPA 70) and local codes and ordinances. Note: Always consult local and national electric codes.
- Voltage rating of 60 Hz, single phase in 115V or 208/230V in accordance with the model specified
- Interior clearances as follows:
  - Sides of unit to wall: 1”
  - Bottom of unit to floor 1”
  - Top of unit to any obstruction: 3.5”
- Unblocked vents on the exterior and no obstacles within 36”.
- An internal drain is highly recommended.
- If using an externally run condensate line, note the following:
  - Must be properly insulated
  - Minimum of 30% slope
  - Highly recommended to use a heat trace wire on the condensate line to inhibit freezing. This can be connected to a power output on the unit.
  - If on a low floor, ensure that end of drain is above the maximum height of snow buildup.
  - Highly recommended to use a heat trace wire on the drain line - which can be connected to the a heat trace power connection on the bottom of the unit.
- Approved louvers installed with best practices to ensure no water into the wall assembly.
- 8” diameter ducts through the wall which protrude 1/8” into the unit’s EPDM backing to ensure a tight seal.
- The unit must be perfectly level on the vertical and horizontal axis.
- The unit must be tight to the wall, with zero leakage between the external ducts and the unit. Use insulating material if wall is not level.
- Properly affixed wall bracket to wall studs or other supporting material. Note the wall bracket has several places that must be secured.

Louver Specifications

AIO Wall Mounted 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 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 sq feet for the intake vent and .21 sq feet for the exhaust vent.

- **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 intake and exhaust louvers combined must be under 0.25” WC.

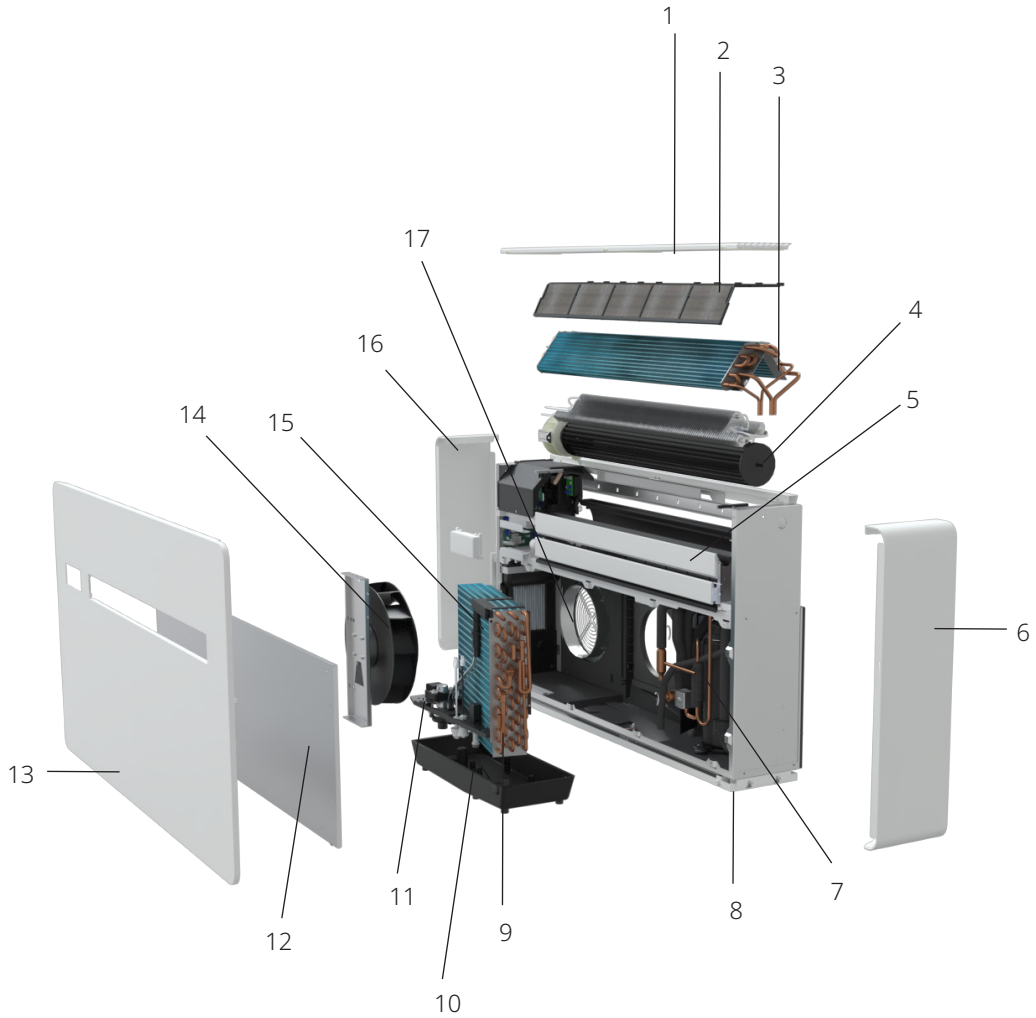
Any louver must meet these requirements, as exceeding these limits can cause the unit to overheat and fail and void the warranty.

:The following louvers are approved for AIO Wall Mounted

- Sunvent: LLA/C, LLA/M, LLA/S - available through your Ephoca distributor.
- Thermaduct: RLA6 - available through your Ephoca distributor.
- Primex: WCL8, WC6, WC8 - available online and in stores.
- Dundas Jaffine: IH6WXZ - available online and in stores.

WHAT'S INSIDE

1.	Return air grille
2.	Washable Filter
3.	High-efficiency indoor heat exchanger
4.	ECM tangential supply fan
5.	Supply air louver
6.	Side panel
7.	BLDC inverter compressor
8.	Accessory connection ports
9.	Outdoor high efficiency heat exchanger
10.	Condensate drain pan
11.	Condensate pump
12.	Insulation panel
13.	Decorative cover panel
14.	ECM centrifugal condenser fan
15.	Condensate disbursement system
16.	Touchscreen controller
17.	Outside air intake



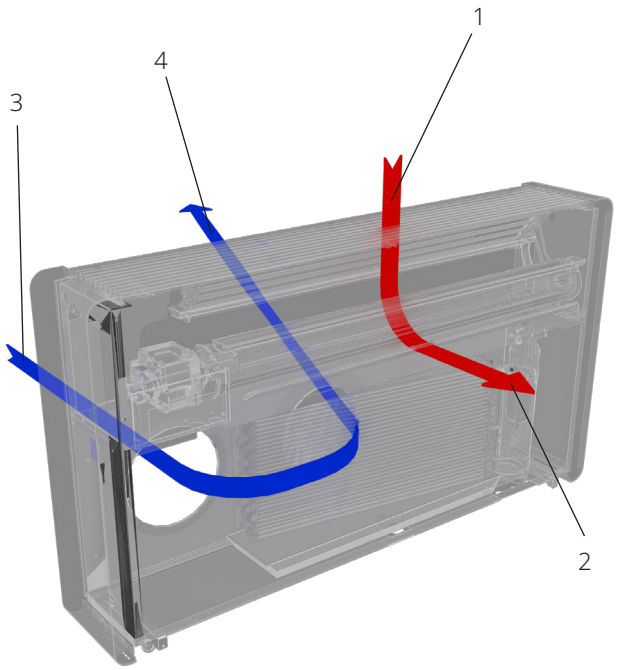
AIRFLOW

In addition to the typical twin external vents, AIO Wall Mounted can attach to a sidewall adapter enabling mounting on a wall perpendicular to the outside.

- **Supply air**
  The supply air is through an electronically controlled louver that can be set at any angle or continuously oscillate.
- **Return air**
  The return air is on the top through the integrated return air grille.
- **Outside air intake**
  The 8-inch (adaptable to 6-inch) outside air intake connection works with any of the approved or custom louvers/as long as they comply with the minimum requirements. See page 3.
- **Outside air exhaust**
  The 8-inch (adaptable to 6-inch) round outside air exhaust connection works with any of the approved or custom louvers/as long as they comply with the minimum requirements. See page 3.

1.	Room return air
2.	Supply air
3.	Outside air intake
4.	Exhaust

Outside air Recirculate air



INSTALLATION

High-wall install

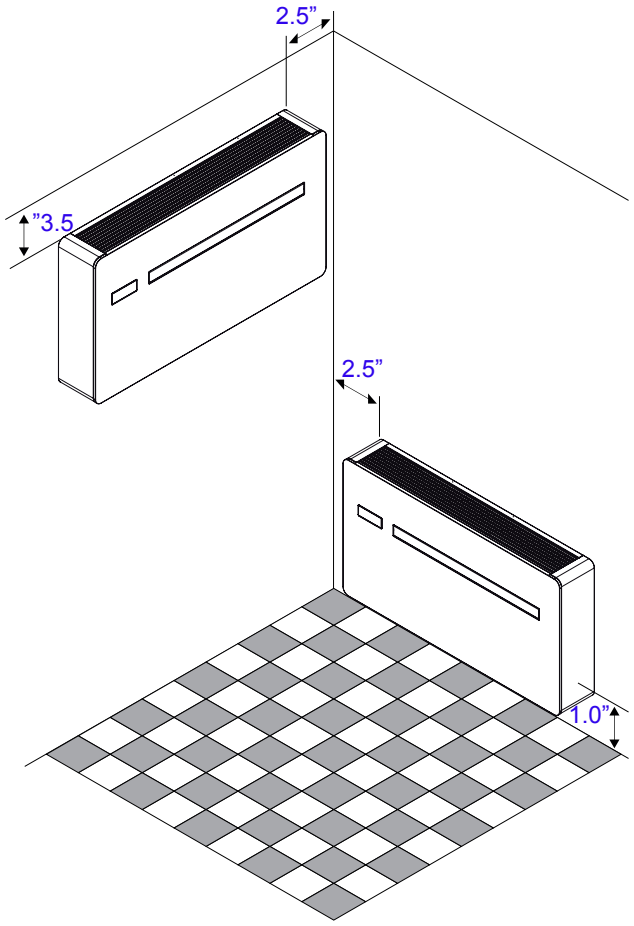
Low-wall install

Sidewall install

CLEARANCE

The AIO Wall mounted unit's clearance will depend on how it is mounted. Please carefully read the criteria below to determine the correct clearance required.

- **Top - low wall mounted**
  There must be 3.5" minimum clearance to any surface above, such as a shelf, etc. This is needed for the return airflow. 8" of clearance is recommended for ease in changing the filter and servicing the unit.
- **Top - high wall mounted**
  There must be 3.5" minimum clearance from the ceiling. This is needed for the return airflow. 8" of clearance is recommended for ease in changing the filter and servicing the unit.
- **Bottom**
  There must be a minimum of 1" from the floor to eliminate any noise from vibration. 2" of clearance of is ideal to allow the floor under the unit to be cleaned.
- **Sides**
  The AIO Wall mounted unit should not touch the wall on either side as it will vibrate slightly during operation, which may create noise. As little as 1" clearance will suffice to eliminate any noise from vibration. A clearance of 2.5" on the sides allows for easier access when removing and installing the unit.
- **Front**
  Ensure no curtains, furniture, plants, or any material is within 30" in front of the unit. The supply air vent is on the front, and blocking it will inhibit the airflow and the unit from working correctly.
- **Rear**
  The rear of the unit must be tight to the wall so there are zero gaps between the wall and the unit. Gaps can allow outside air inside and create short cycling and humidity. If there are any gaps, they must be sealed with insulation.
- **Exterior**
  On the exterior of the building, there should be no obstacles blocking the airflow from the louver. There must be a least 36" of free and clear space in front of the louvers.



ADDITIONAL CONNECTIONS

AIO Wall Mounted Pro offers a group of connections on the bottom of the unit to enable quick and easy connection to accessories and components. This includes the following:

Controller Gateways

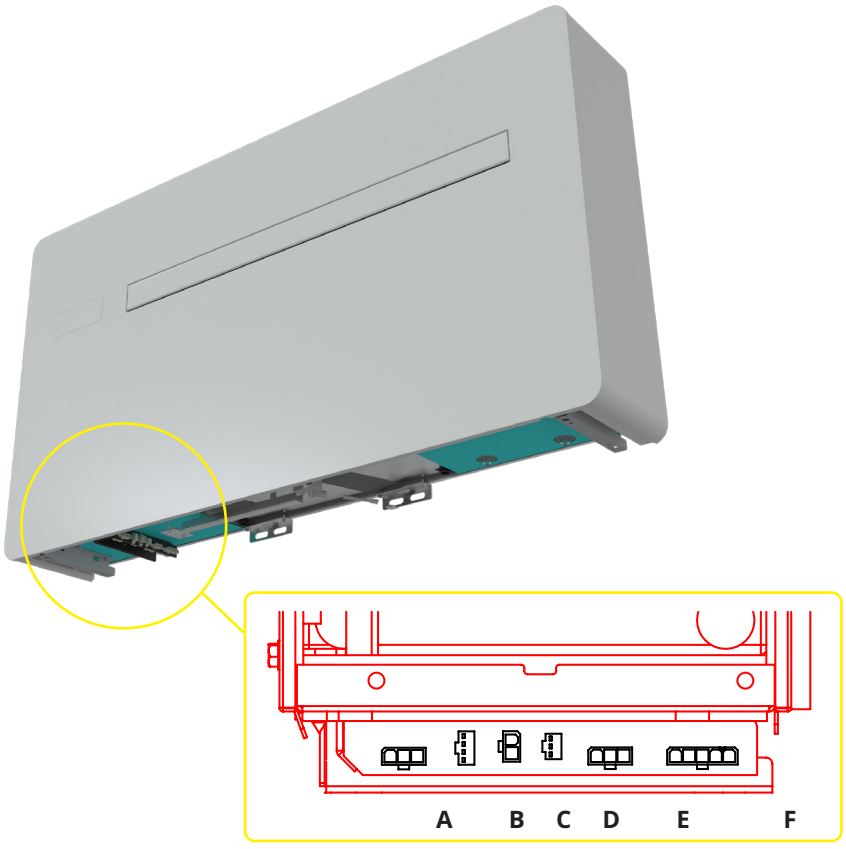
This includes power and communication ports to connect the Third Party Gateway, Advanced Touch Controller, Basic Touch Controller, BACnet, Modbus and other controllers.

Heat Trace Power

When installing a condensate line that is draining directly outside, in cold climates, we highly recommend using a heat trace line.

ERV

When connecting the AIO ERV these ports allow quick connections to the power and communications for the ERV.



A - Power Supply for Controller Gateway

B - Communication port for Controller Gateway

C - Power for heat trace wire on the condensate line

D - Communication port for ERV

E - Power for ERV

F -Not Used

TECHNICAL SPECIFICATIONS

Cooling		95°F[1]	105°F[2]	115°F[3]
Heat Pump				
Maximum		10,200	8,000	7,500
Nominal	Btu/h	7,400	7,400	7,100
Minimum		3,100	3,100	3,100
Input Power	W	805	900	980
Efficiency		13.65 SEER2	8.22 EER2	7.19 EER2
Moisture Removal	Pts/h	1.9	-	-

1 **95°F** Indoor: 80°F, W.B. 67°F; Outdoor: 95°F, W.B. 75°F
2 **105°F** Indoor: 80°F, W.B. 67°F; Outdoor: 105°F, W.B. 75°F
3 **115°F** Indoor: 80°F, W.B. 67°F; Outdoor: 115°F, W.B. 75°F

Heating		47°F[4]	17°F[5]	5°F[6]	0°F[7]	-5°F[8]
Heat Pump (+ Optional 3,000 /6,100 BTU/H elec heat)						
Maximum		10,100	6,100	6,400	6,100	5,900
Nominal	Btu/h	7,800	5,100	5,300	5,100	4,900
Minimum		3,000	3,000	3,000	3,000	3,000
Input	W	723	927	950	900	867
Efficiency		7.01 HSPF2	1.81 COP2	1.71 COP2	1.67 COP2	1.64 COP2

4 **47°F** Indoor: 70°F, W.B. 67°F; Outdoor: 47°F, W.B. 43°F
5 **17°F** Indoor: 70°F, W.B. 60°F; Outdoor: 17°F, W.B. 13°F
6 **5°F** Indoor: 70°F, W.B. 60°F; Outdoor: 5°F, W.B. 3°F
7 **0°F** Indoor: 70°F, W.B. 60°F; Outdoor: 0°F
8 **-5°F** Indoor: 70°F, W.B. 60°F; Outdoor: -5°F

Airflow

Fresh air volume		
Indoor	Type	ECM centrifugal
	CFM	160 - 290
	Available ESP	N/A
	Supply connection	Integrated
	Return connection	Integrated
	Speeds	Low, med, high,auto
	Filter	MERV 3
Outdoor	Type	ECM centrifugal
	CFM	200 - 350
	Available ESP	0.25" WC
	Intake connection	8" round (can be reduced to 6" with an adapter)
	Exhaust connection	

General

Compressor		
Type		BLDC twin rotary inverter
Refrigerant	Type	R32
	Oz.	21.87
Oil	Type	Fv50s

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

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

Condensate		
Pipe	Size	3/4" Outside diameter
	Material	Rubber

Sound

Sound		
Indoor	dB(A)	27 - 41
	STC	37
	OITC	28
Outdoor	dB(A)	28 - 52

Dimensions

Physical data		
Dimensions	Net	39.7 "W x 21.9" H x 6.5" D
Weight	Net	100 lb
	Gross	105 lb
Cabinet	Finish	RAL 9003 signal white
	Material	Steel

Electrical

General		115V	230V
Volt range		103-127	180-253
Hz/ phase		60 Hz singe phase	
Power supply		LCDI power cord or hardwire	
Power factor (%)		0.96	
Input power (standby)	W	10.8	10.8
Input power (off mode)	W	1.5	1.5
Cooling (nominal)	A	7.7	3.8
Cooling (max)	A	9.6	4.8
Heat Pump Only			
Heating - heat pump only (nom.)	A	5.1	2.6
Heating - heat pump only (max)	A	10.4	5.2
Heat Pump + 900 W Elec Heat			
Heating - heat pump +900 W Elec Heat (nom.)	A	12.9	6.6
Heating - heat pump +900 W Elec Heat (max)	A	16.3	9.1
Heat Pump + 1,800 W Elec Heat			
Heating - heat pump only (nom.)	A	N/A	10.5
Heating - heat pump only (max)	A	N/A	13.1

Motors			115V	230V
Compressor	RLA	A	5.6	2.8
	LRA	A	7.9	3.9
Indoor ECM fan motor	W (max)		50	50
	F.L.A.	A	0.4	0.2
	HP		0.07	0.07
Outdoor ECM fan motor	W (max)		90	90
	F.L.A.	A	0.8	0.4
	HP		0.12	0.12

* In accordance with UL 60335-2-40: Motor compressor ratings rated load amps (RLA) as determined in Annex 101.DVB, and locked rotor amps (LRA); For motor-compressors controlled by adjustable speed drive, RLA and LRA shall be replaced with the rated input current of the power conversion equipment.

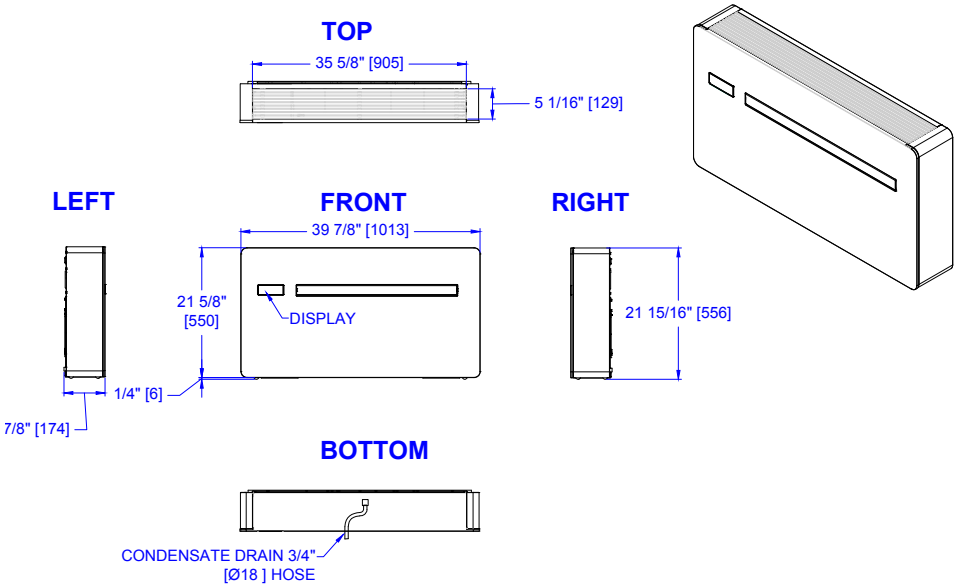
Circuit breakers			115V	230V
Heat Pump Only	MCA	A	13	6
	Recommended breaker size	A	15	15
	MOCP	A	25	15
Heat Pump + 900 W Elec Heat	MCA	A	21	10
	Recommended breaker size	A	25	15
	MOCP	A	35	20
Heat Pump + 1,800 W Elec Heat	MCA		N/A	15
	Recommended breaker size		N/A	20
	MOCP		N/A	25

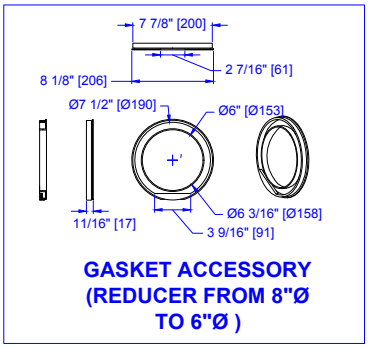
LCDI Power Cord		115V	230V
Heat Pump Only	Amps	20	15
	Plug Type	5-20P	6-15P
Heat Pump + 900 W Elec Heat	Amps	N/A*	15
	Plug Type	N/A*	6-15P
Heat Pump + 1,800 W Elec Heat	Amps	N/A*	20
	Plug Type	N/A*	6-20P

*LDCI cord not available in 115V above 20A

DIMENSIONS

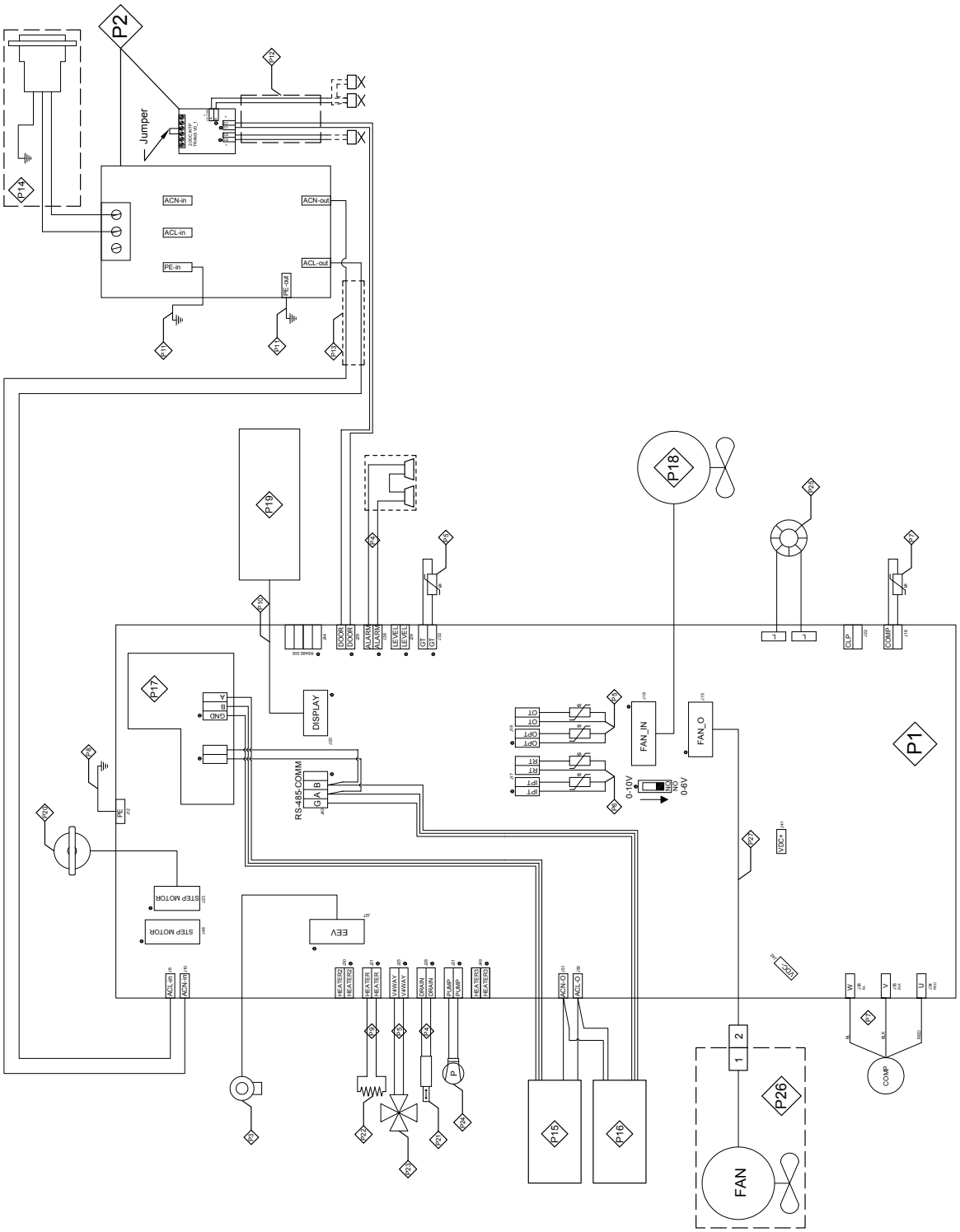
For CAD and DWG files, please scan or click the QR code below.



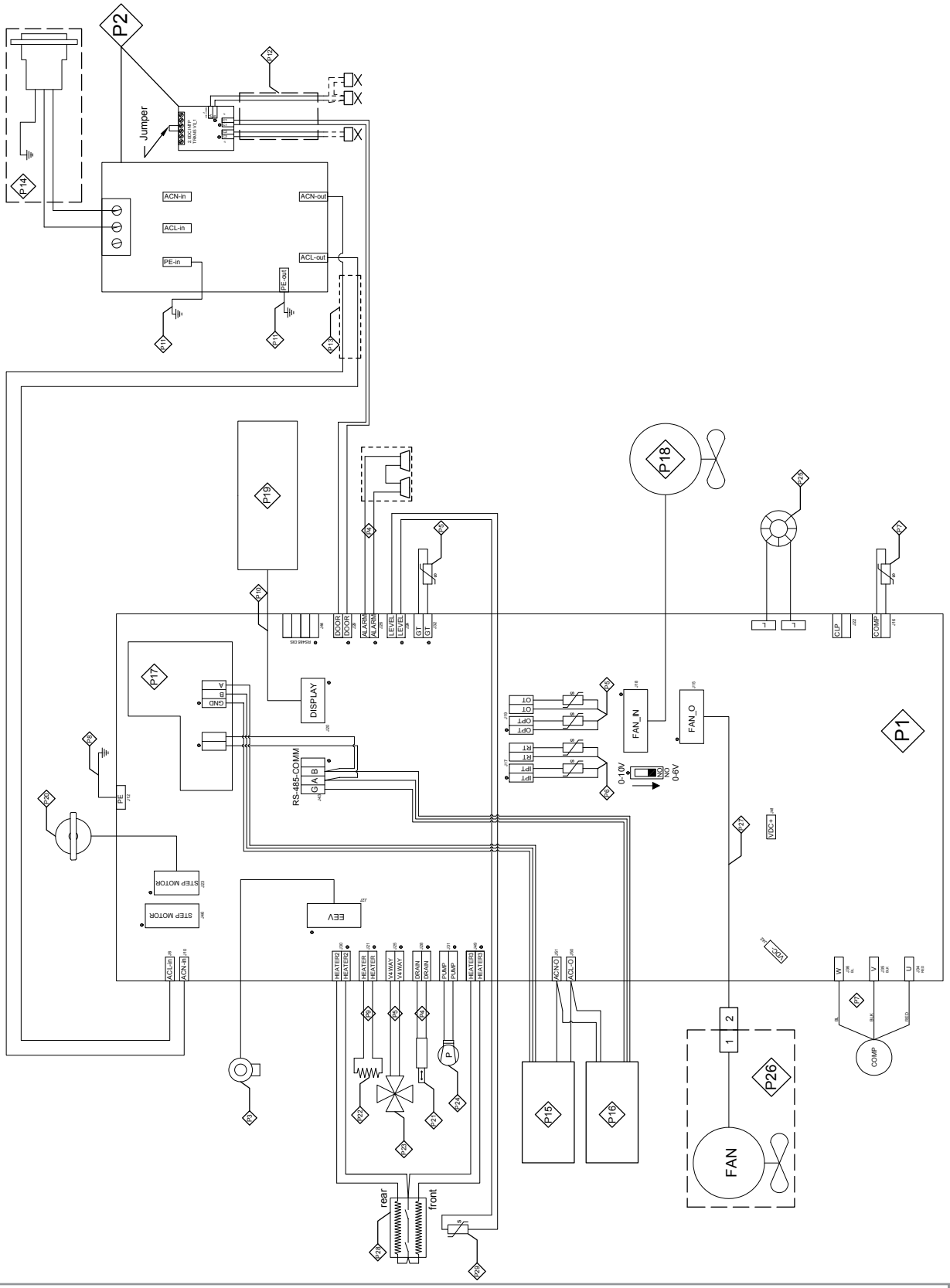


WIRING DIAGRAM

Heat Pump Only



Heat Pump + Electric Heat

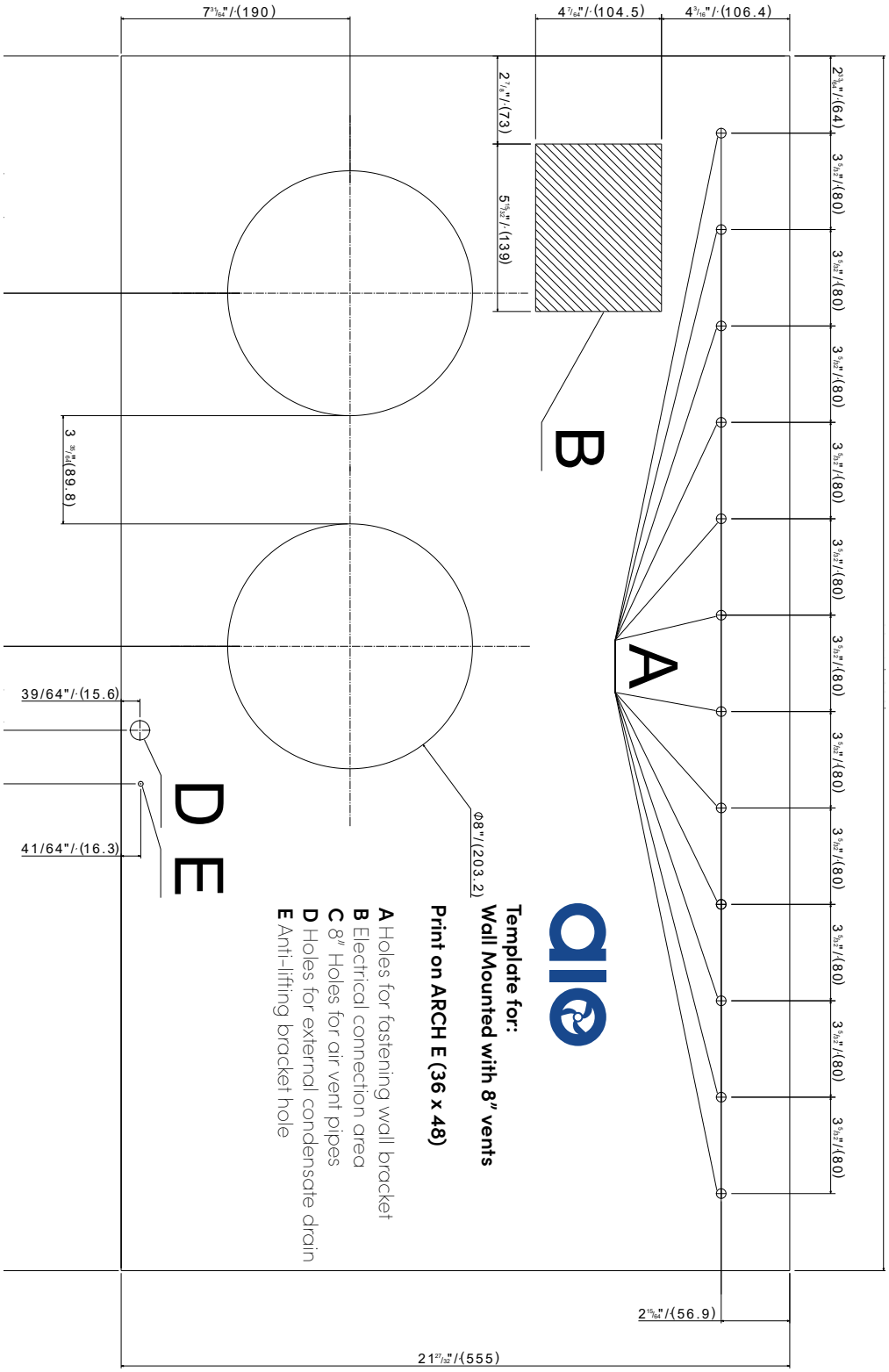


Notes

230V Electric Heat

PART	DESCRIPTION	EPHOCA CODE	Notes
P1	INTEGRATED PCB	N540205A	Included in N576205A
P2	FILTER 2.0 18A PCB	N560536A	Included in N576205A
P3	EEV COIL	N276928B	Included in N576205A
P4	Pan cables harness	N576205A_02	Included in N576205A
P5	4way valve cable+ temperature sensor	N576205A_03	Included in N576205A
P6	Indoor and Incoil temperature sensors	N576205A_04	Included in N576205A
P7	Compressor cables + discharge temperature sensor	N576205A_05	Included in N576205A
P8	PE IntPCB	N576205A_06	Included in N576205A
P9	Kit wiring heating elements	N576205A_07	Included in N576205A
P10	Display cable	N576205A_08	Included in N576205A
P11	PE filter wiring diagram	N576205A_09	Included in N576205A
P12	Transfer cables wiring diagram	N576205A_10	Included in N576205A
P13	Power supply to IntPCB	N576205A_11	Included in N576205A
P14	Power cable with USA 2.0 NC connector	N500399A	
P15	Power + RS485 cable for ERV 2.0NC	N500400A	
P16	2.0NC Rolbit power + communication cable	N500403A	
P17	WI-FI Expansion 2.0/WLH	N540217A	
P18	Internal Fan	N276300B	
P19	Display	N570177A	
P20	Flap motor	N276300B	
P21	DRAIN THERMO ACTUATOR	276417A	
P22	HEATING ELEMENT KIT	N560043B	230V version
P23	4 WAY VALVE	N276916A	230V version
P24	DRAIN PUMP	N640019A	230V version
P25	PFC Reactor	N579099A	230V version
P26	EXTERNAL MIXED FLOWN FAN	N520227A	
P27	EXTERNAL FAN cable from IntPCB to base	N500398A	
P28	TUBULAR HEATING ELEMENT 2x900w -230V	N560506A	
P29	187.25Kohm Copper probe L = 300mm	N500321A	

MOUNTING TEMPLATE



WARRANTY TERMS AND CONDITIONS

Ten Year Limited Warranty

This limited warranty is valid in the Continental United States only and only for the AIO series heat pump which was purchased and installed in its original installation location. This warranty is only valid when the AIO series heat pump air conditioner meets all the conditions below:

- Purchased from an Ephoca authorized distributor.
- Installed by an Ephoca certified technician.
- The installation was certified by an Ephoca technician before the AIO series heat pump was used.
- AIO is operated and maintained in accordance with the printed instructions in the user guide and in compliance with applicable local installation and building codes and good trade practices.
- The site must have a minimum of ten (10) units and there must be spare units on site equal to a minimum of three (3) units or 2.5% of installed units, whichever is greater. These spare units must be used to replace a unit with a service issue until an Ephoca technician can be on site.
- A maintenance contract with a professional service provider must be in place to ensure the units are maintained and filters kept clean. You must submit documented filter cleaning every two months. You must submit documented annual unit cleaning.
- For any jobs sold with less than 10 units the distributor/dealer is responsible for all labor costs and responsible for having attic stock for replacements.
- Every job must be inspected before turning on the units, and pictures of at least 10% of the units must be sent to our office. There are no exceptions. The warranty is not valid without a written letter from Ephoca after the installation pictures are reviewed per the self-certification process guide.

What This On-site Warranty Covers

Ephoca, Inc. ("Ephoca") warrants your AIO series heat pump air conditioner ("AIO") against failure due to defects in materials or workmanship under normal use, beginning on date of certification by the Ephoca technician for the following periods:

Full One-Year Warranty

For the period of one year from the date of certification by the Ephoca technician, Ephoca will replace any part of the AIO which fails due to a defect in materials or workmanship. During this full one-year warranty, Ephoca will provide, on-site, free of charge, all labor and related service costs to replace the defective part. If you are located in an area where we do not have Ephoca certified technician, we will ship you a replacement unit at our cost and arrange to pick up the defective unit at our cost.

Limited Ten-Year Warranty On Compressor

For the period of ten-years from the date of certification by the Ephoca technician, Ephoca will replace the compressor part should it fail due to a defect in materials or workmanship. During this limited ten-year compressor warranty, Ephoca will provide a replacement compressor, however, you will be responsible for all labor costs and related service costs.

Optional Extended Five, Ten and Fifteen Year Comprehensive Warranty

A comprehensive extended warranty is available for five, ten, and fifteen years from the date of certification by the Ephoca technician. During this extended warranty, Ephoca will replace any part of the AIO which fails due to a defect in materials or workmanship.

During this extended warranty period, Ephoca will provide, onsite, free of charge, all labor and related service costs to replace the defective part. If you are located in an area where we do not have Ephoca certified technicians, we will ship you a replacement unit at our cost and arrange to pick up the defective unit at our cost. Extended warranties must be purchased directly from Ephoca within 90 days of installation. Controllers carry a two-year warranty; extended warranties exclude labor for wall controllers.

Exclusions and Limitations

The warranty shall not cover:

- Any AIO purchased from a non-authorized or out-of-state dealer.
- The extended warranty does not cover wall controllers.
- Any service, part or repair if AIO has not been certified Ephoca technician prior to use.
- Any failure due to or following unauthorized repairs, or repairs performed by unauthorized personnel.
- Installation of AIO, setup of user controls or adjustments to user controls.
- Instruction on user operation.
- Labor costs after the first year, or service trips to deliver or pick up parts not covered by the warranty.
- Replacement of fuses or circuit breakers, wiring or plumbing connections.
- Damage to AIO where there is a corrosive atmosphere containing any damaging chemical such as chlorine or fluorine (other than that normally occurring in a residential environment).
- Cleaning or replacing air filters.
- Removing AIO from inaccessible locations.
- Correcting improper installations.
- Any AIO not installed pursuant to applicable regional efficiency standards issued by the Department of Energy or other local rules and ordinances.
- Failure of AIO due to acts of God, natural disasters, power failures, interruptions, brownouts or power spikes, or due to incorrect inadequate electrical service or failure of Internet Services or Home Networks.
- Any AIO with altered, missing or defaced serial number.
- Damages or personal injury caused directly or indirectly by failure or malfunction of AIO as a result of any cause including natural disasters, accidents, misuse, improper wiring or installation.
- Any cost of supplemental (replacement) Cooling or heat during equipment failure.
- Any cost to replace, refill or dispose of refrigerant, including the cost of refrigerant.
- Any unit if a documented maintenance plan is not in place prior to installation.

Failure to meet any of these conditions will void the warranty:

- The unit must be in alignment with the intended room's design specification
- Submit documented filter cleaning every two months.
- Submit documented annual unit cleaning.
- Maintain attic stock of at least 3%, with a minimum of 5 units.
- Labor warranty applies only to orders of 10 units or more.
- Submit self-certification photos must be submitted to Ephoca at selfcertify@ephoca.com. Warranty activation requires review, approval, and issuance of a certification.
- Splicing low-voltage thermostat wires will void the warranty.
- Using any other wire (e.g. multi-strand) besides a solid copper C-Wire will void the warranty.
- Customer's account balance must be paid.

The warranty will be void if any of the following terms are not met:

- Self-certification photos must be submitted to Ephoca at selfcertify@ephoca.com. Warranty activation requires review, approval, and issuance of a certification.
- The unit must be used in alignment with the intended room's design specifications.
- Warranty is void if the customer's account balance remains unpaid.

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NOMENCLATURE

Family

A = AIO

Model

P = Wall Mounted Pro

W = Wall Mounted

D = Ceiling Ducted

S = Ceiling Suspended

V = Vertical Stack (including XL)

Version

P = Heat Pump Only

K = Heat pump +900w/ 1,800w*

M = Heat pump +3,600w

Capacity

10 = Design of 10,500 Btu/h

20 = Design of 21,000 Btu/h

Voltage

1 = 115V

2 = 230V

Available Power Connection Accessories

- LCDI Power Cord (up to 20 Amp)
- Quick Connect Whip

Refrigerant

3 = R32

Integrated ERV

R = With ERV

N = Without ERV

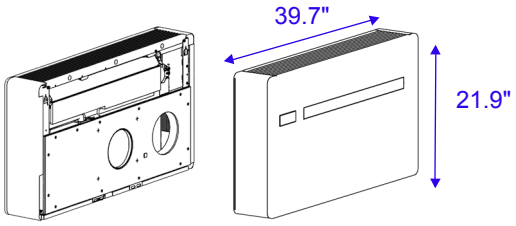
* Field convertible

AIO WALL MOUNTED -115V - NO ELECTRIC HEAT STRIP - R32 -SUBMITTAL (AWP10N3H1)

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
- Auto restart
- 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 includes 1 year parts and labor and Additional 9
- Made in Italy



Performance Specifications

Cooling Capacity (Btu/h)	10,200
SEER2	11.95
Rev. Cycle Heating Capacity (Btu/h)	10,100
Total Heat Capacity w/ Elec (Btu/h)	10,100
HSPF2	6.45
Circulation (CFM)	160-290
Dehumidification (Pts/h)	1.9

1. EER2 and SEER2 are based on nominal capacity of 7,700 Btu/H
2. COP/ HSPF2 are based on nominal capacity of 7,500 Btu/h. COP/HSPF2 only take intro consideration the heat pump and not electric heat

Electric Specifications

Electric Heat	
Power Supply (V Ph, Hz)	115/1/60
Voltage Range	98 - 120
Running Amps Cooling	7.7
Max Amps Cooling	8.8
Running Amps Heating	6.3
Max Amps Heating	8.8
MCA	13
Maximum Overcurrent Protection (A)	25
Recommend breaker size	15
Max Power Input (watts) Cooling	1,630
Max Power Input (watts) Heating	1,630

Wall Controllers + Gateways

□ Wireless Remote	WRCH20
□ Basic Touch Controller	LTCH20
□ Recessed Touch Controller	RTCH20
□ Advanced TFT Controller with 7-Day program	TFTH20
□ Wireless (AA Battery) Infrared Controller with 7-Day program	WIPT20
□ Third Party Gateway	TPG015
□ Modbus	MODH20
□ WiFi App	WIFI30
□ E-Paper EOS Controller	EEOS12
□ Simple EOS Controller	SEOS12
□ BACnet	BACH20

General Accessories

□ ERV	AWERV30
□ Underbody Cover Plate	GB0737II
□ Underbody Cover Plate for unit w/ERV	GB0737I4
□ Reducer Plate from 8" to 6"	RED2016

LCDI Power Cords

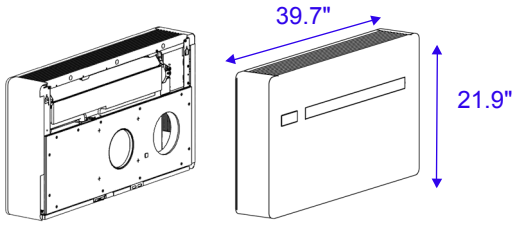
Electric Heat	Whip	Plug	SKU
▯ None	72 in.	NEMA 6-15P	L115v15a

AIO WALL MOUNTED - 230V - NO ELECTRIC HEAT STRIP - R32 -SUBMITTAL (AWP10N3H2)

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
- Auto restart
- 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 includes 1 year parts and labor and Additional 9
- Made in Italy



Performance Specifications

Cooling Capacity (Btu/h)	10,200
SEER2	11.95
Rev. Cycle Heating Capacity (Btu/h)	10,100
Electric heat (Btu.h)	N/A
Total Heat Capacity w/ Elec (Btu/h)	10,100
HSPF2	6.45
Circulation (CFM)	160-290
Dehumidification (Pts/h)	1.9

1. EER2 and SEER2 are based on nominal capacity of 7,700 Btu/H
2. COP/ HSPF2 are based on nominal capacity of 7,500 Btu/h. COP/HSPF2 only take intro consideration the heat pump and not electric heat

Electric Specifications

Electric Heat

Power Supply (V Ph, Hz)	230/1/60
Voltage Range	207 - 251
Running Amps Cooling	3.9
Max Amps Cooling	4.4
Running Amps Heating	3.1
Max Amps Heating	6.4
MCA	6
Maximum Overcurrent Protection (A)	15
Recommend breaker size	15
Max Power Input (watts) Cooling	1,800
Max Power Input (watts) Heating	1,800

Wall Controllers + Gateways

□ Wireless Remote	WRCH20
□ Basic Touch Controller	LTCH20
□ Recessed Touch Controller	RTCH20
□ Advanced TFT Controller with 7-Day program	TFTH20
□ Wireless (AA Battery) Infrared Controller with 7-Day program	WIPT20
□ Third Party Gateway	TPG015
□ Modbus	MODH20
□ WiFi App	WIFI30
□ E-Paper EOS Controller	EEOS12
□ Simple EOS Controller	SEOS12
□ BACnet	BACH20

General Accessories

□ ERV	AWERV30
□ Underbody Cover Plate	GB0737II
□ Underbody Cover Plate for unit w/ERV	GB0737I4
□ Reducer Plate from 8" to 6"	RED2016

LCDI Power Cords

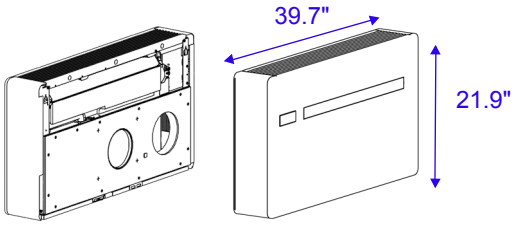
Electric Heat	Whip	Plug	SKU
□ + 900W	72 in.	NEMA 6-15P	L220v15a

AIO WALL MOUNTED - 230V - 900W/1800W ELECTRIC HEAT - R32 -SUBMITTAL (AWK10N3H2)

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
- Auto restart
- 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 includes 1 year parts and labor and Additional 9 Made in Italy



Performance Specifications

	900W	1,800W
Electric Heat		
Cooling Capacity (Btu/h)	10,200	10,200
SEER2	11.95	11.95
Rev. Cycle Max Heating Capacity (Btu/h)	10,100	10,100
Electric heat (BTU/h)	3,070	6,140
Total Heat Capacity w/ Elec (Btu/h)	13,170	16,240
HSPF2	6.45	6.45
Circulation (CFM)	160-290	160-290
Dehumidification (Pts/h)	1.9	1.9

1. EER2 and SEER2 are based on nominal capacity of 7,400 Btu/H
2. COP/ HSPF2 are based on nominal capacity of 8,200 Btu/h. COP/HSPF2 only take intro consideration the heat pump and not electric heat

General Accessories

□ ERV	AWERV30
□ Underbody Cover Plate	GB0737II
□ Underbody Cover Plate for unit w/ERV	GB0737I4
□ Reducer Plate from 8" to 6"	RED2016

LCDI Power Cords

Electric Heat	Whip	Plug	SKU
□ + 900W	72 in.	NEMA 6-15P	L220v15a
□ + 1800W	72 in.	NEMA 6-20P	L220v20a

Wall Controllers + Gateways

□ Wireless Remote	WRCH20
□ Basic Touch Controller	LTCH20
□ Recessed Touch Controller	RTCH20
□ Advanced TFT Controller with 7-Day program	TFTH20
□ Wireless (AA Battery) Infrared Controller with 7-Day program	WIPT20
□ Third Party Gateway	TPG015
□ Modbus	MODH20
□ WiFi App	WIFI30
□ E-Paper EOS Controller	EEOS12
□ Simple EOS Controller	SEOS12
□ BACnet	BACH20

Electric Specifications

	900W	1,800W
Electric Heat		
Power Supply (V Ph, Hz)	230/1/60	230/1/60
Voltage Range	207 - 251	207 - 251
Running Amps Cooling	3.9	3.9
Max Amps Cooling	4.4	4.4
Running Amps Heating	7.0	14.0
Max Amps Heating	8.3	13.0
MCA	10	15
Maximum Overcurrent Protection (A)	20	25
Recommended breaker size	15	20
Max Power Input (watts) Cooling	1,800	1,800
Max Power Input (watts) Heating	2,700	3,600

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