

AIO Floor Standing



AIO Floor Standing units are the latest addition to our AIO product line. This unit fortifies our commitment to providing a complete range of products that allow you to find the right model for every type of installation. The AIO Floor Standing unit is just 19.7 inches (500 mm) wide and is a perfect fit between two windows or at an angle. The onboard touch controller simplifies use and installation.



Key Features

- Compact unit
- Easy to install
- Paintable, sleek cabinet
- Auto-restart
- Washable filters

Options

- 115V or 230V
- Hardwire or LCDI cord
- R32
- 0.9 kW heat strip

Operation

- Cool, heat, dehumidify, and auto
- Selectable fan speeds, low, med, high, and auto

Airflow

- Dual 8-inch (203 mm) external vents
- Available 0.25" WC (62 Pa) for louvers

Included Controllers

- Onboard touch controller

Optional Controllers

- WiFi app for Android and iPhone
- Wall Mounted Advanced touchscreen with a 7-day program
- Wall Mounted Basic touch controller
- Third-party thermostat interface
- BACnet/Modbus interface

Installation



Key Specifications

			95°F (35°C) ¹	105°F (41°C) ²	115°F (46°C) ³
Cooling – Heat Pump Only					
Capacity	Maximum	kBtu/h (kW)	10.2 (3.0)	8.0 (2.3)	7.5 (2.2)
	Recommended*		9.3 (2.7)	7.6 (2.2)	7.1 (2.1)
	Nominal		9.3 (2.7)	7.4 (2.2)	7.1 (2.1)
	Minimum		3.9 (1.1)	3.3 (1.0)	3.3 (1.0)
Power input	Maximum	kW	1.25	1.00	1.08
	Recommended*		1.02	0.94	0.98
	Nominal		1.02	0.90	0.98
	Minimum		0.21	0.24	0.27
Efficiency	Maximum		8.17	8.0	7.0
	Recommended		9.1	8.1	7.2
	Nominal		9.1	8.2	7.2
	SEER2		13.7	–	–
Moisture removal		Pts/h (L/h)	1.8 (0.9)	2.1 (1.0)	2.3 (1.1)

			47°F (8°C) ⁴	17°F (–8°C) ⁵	5°F (–15°C) ⁶	0°F (–17°C) ⁷	–5°F (–20°C) ⁸
Heating – Heat Pump Only**							
Capacity	Maximum	kBtu/h (kW)	10.1 (3.0)	6.4 (1.9)	6.0 (1.8)	5.7 (1.7)	5.3 (1.6)
	Recommended*		9.2 (2.7)	5.5 (1.6)	5.3 (1.6)	5.1 (1.5)	4.9 (1.4)
	Nominal		9.2 (2.7)	5.5 (1.6)	5.3 (1.6)	5.1 (1.5)	4.9 (1.4)
	Minimum		3.0 (0.9)	3.0 (0.9)	3.0 (0.9)	3.0 (0.9)	3.0 (0.9)
Power input	Maximum	kW	1.03	1.05	1.47	1.52	1.56
	Recommended*		0.85	0.81	1.11	1.15	1.20
	Nominal		0.85	0.81	1.11	1.15	1.20
	Minimum		0.26	0.40	0.55	0.59	0.63
Efficiency	Maximum		2.9	1.8	1.2	1.1	1.0
	Recommended		3.2	2.0	1.4	1.3	1.2
	Nominal		3.2	2.0	1.4	1.3	1.2
	Minimum		3.5	2.2	1.6	1.5	1.4
	HSPF2		7.0	–	–	–	–

- 1 **95°F (35°C)** 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 **105°F (41°C)** 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 **115°F (46°C)** 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)
 4 **47°F (8°C)** 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)

- 5 **17°F (–8°C)** 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)
 6 **5°F (–15°C)** 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)
 7 **0°F (–17°C)** ID: 70°F(21.1°C), W.B. 60°F(15.6°C); OD: 0°F(–17.8°C)
 8 **–5°F (–20°C)** ID: 70°F(21.1°C), W.B. 60°F(15.6°C); OD: –5°F (–20.6°C)

* This is the recommended capacity for sizing the unit to the space.

** The tables show Heat Pump performance only. An electric heating element can be added to provide an additional output of 3.1 or 6.1 kBtu/h (0.9 or 1.8 kW).

Technical Specifications

Airflow		
Indoor	Type	ECM centrifugal
	CFM (m³/h)	200 – 350 (340 – 595)
	Available ESP	N/A
	Fan Modes	Low, med, high, auto
	Supply connection	Integrated
	Return connection	Integrated
	Filter	MERV 3
Outdoor	Type	ECM centrifugal
	CFM (m³/h)	165 – 412 (280 – 700)
	Available ESP	0.25" WC (62 Pa)
	Intake connection	8" (203 mm) round
	Exhaust connection	8" (203 mm) round

General		
Indoor	Type	BLDC twin rotary inverter
	Oil Type	Fv50s (ISO 50) Polyvinylether (PVE)
Controls	Basic Functionality	Dependent on controller
	WiFi	Optional module available
	Dry Contact	Yes
Modes	Operation	Cool, heat, dehumidify, auto, fan only
	Restricted Modes	Heat only, cool only, temperature limiting
	Timers	Dependent on the controller
Condensate	Pipe size	3/4" (19 mm) outside diameter
	Pipe Material	Rubber

Sound		
Indoor	DB range: dB(A)	27 – 41
	STC	37
	OITC	28
Outdoor	dB(A)	28 – 52

Electical Data: Heat Pump Only*		AHRI		Energy Star Certified	
		115V	230V	115V	230V
Power Supply	Ph/Hz	1/60		1/60	
Power Factor		0.96		0.96	
Input Power – standby	W	10.8		10.8	
Input Power – off mode		1.5		1.5	
Running Amps Cooling		5.7	2.9	5.7	2.9
Max. Amps Cooling		9.6	4.8	9.6	4.8
Running Amps Heating	A	5.1	2.6	5.1	2.6
Max. Amps Heating		9.6	4.8	9.6	4.8
MCA		12	6	12	6
MOCP		25	15	25	15
Rec. Breaker Size		20	15	20	15

* See the Post Heater table.

Electrical connection			115V	230V
LCDI Power Cord	Amps	A	20	15
	Plug	NEMA	5-20P	6-15P
Quick-connect whip	Length	in (mm)	40 (1,016)	40 (1,016)

Electrical (General) – Motors			115V	230V
Compressor	RLA	A	7.9	3.9
	LRA		7.9	3.9
Indoor ECM fan motor	Max Watts	W	50	50
	F.L.A.	A	0.4	0.3
	Power	HP	0.07	0.07
Outdoor ECM fan motor	Max Watts	W	90	90
	F.L.A.	A	0.8	0.4
	Power	HP	0.12	0.12

Post Heater Output and Current	
900 W	
115 V	900 W / 7.8 A
208 V	736 W / 3.5 A
230 V	900 W / 3.9 A
240 V	980 W / 3.8 A

Unit Dimensions and Mechanical Details		
Dimensions		22.83" x 52.36" x 8.07" depth
		580 mm x 1,330 mm x 205 mm depth
Net weight	lb (kg)	100 (45.4)
Gross weight		105 (47.6)
Cabinet finish		RAL 9003 signal white
Cabinet material		Steel

Dimensions

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

