SUBMITTAL DATA SHEET

AUX R32 - Inverter Ducted System Series - AHU48HPV1AI

Job Name _____ Location _____ Date _____

Purchaser _____ Engineer _____

For ☐ Reference ☐ Approval ☐ Construction

Submitted to _____ Schedule # _____

Unit Designation _____



AHU48HPV1AI

- ❖ R32 environmental refrigerant
- ❖ Refrigerant-cooled control board
- ❖ Flexible installation (any orientation)
- ❖ Compatible with 485 & 24V controls
- ❖ Fast cooling / heating
- ❖ Quiet operation
- ❖ ESP up to 1.0 in. W.C.
- ❖ Heating down to 5°F

Inverter Ducted System – Regular Series (A)			
Indoor Unit			**AHU48HPV1AI**
Outdoor Unit			**AHU48HPV1AO**
AHRI Certified Reference No.			**217729376**
Cooling	Capacity (Rated)	Btu/h	48000*
	Capacity Range (Min–Max)	Btu/h	10000-50000
	Power Input (Rated)	W	5053
Heating	Capacity at 47°F (Rated)	Btu/h	48000*
	Capacity Range (Min–Max)	Btu/h	10000-53000
	Power Input at 47°F (Rated)	W	4138
	Capacity at 17°F (Rated)	Btu/h	45000*
	Capacity at 5°F (Max)	Btu/h	40500*
Electrical	Power Supply	V~, Hz, Ph	208-230,60,1
	Rated Cooling Current	A	22.42
	Rated Heating Current	A	18.36
	MCA (Indoor Unit)	A	8.5
	Max. Fuse (Indoor Unit)	A	15
Efficiency	SEER2		16*
	HSPF2 (Region IV)		9*
	EER2		9.5*
	COP	W/W	3.40
Indoor Unit	Indoor Air Flow (Hi/Mi/Lo)	CFM	1550/1300/1050
	Noise Level (Hi/Mi/Lo)	dB(A)	53/51/49
	External Static Pressure	in. W.C.	0.5(0~1)
	Net Dimensions (W×D×H)	inch	24.5×21.0×53.0
		mm	622×534×1346
	Package Dimensions (W×D×H)	inch	28.0×28.0×59.4
		mm	710×710×1510
	Net / Gross Weight	lbs	154.3/177.5

Specifications are subject to change without notice.

 © 2026 Aux Cloud Commerce (USA) Inc. All rights reserved

Inverter Ducted System – Regular Series (A)			
Piping	Liquid (O.D.)	in. [mm]	3/8 [9.52]
	Gas (O.D.)	in. [mm]	3/4 [19.05]
	Max. Length	ft [m]	164 [50]
	Max. Height	ft [m]	98 [30]
Operating Range	Indoor Operating Temperature	°F (°C)	61~90(16~32)
	Cooling	°F (°C)	5~125 (-15~52)
	Heating	°F (°C)	5~75(-15~24)
Connection Wiring	Power Wiring (Indoor)	AWG	18
	Signal Wiring	AWG	22

Remarks:

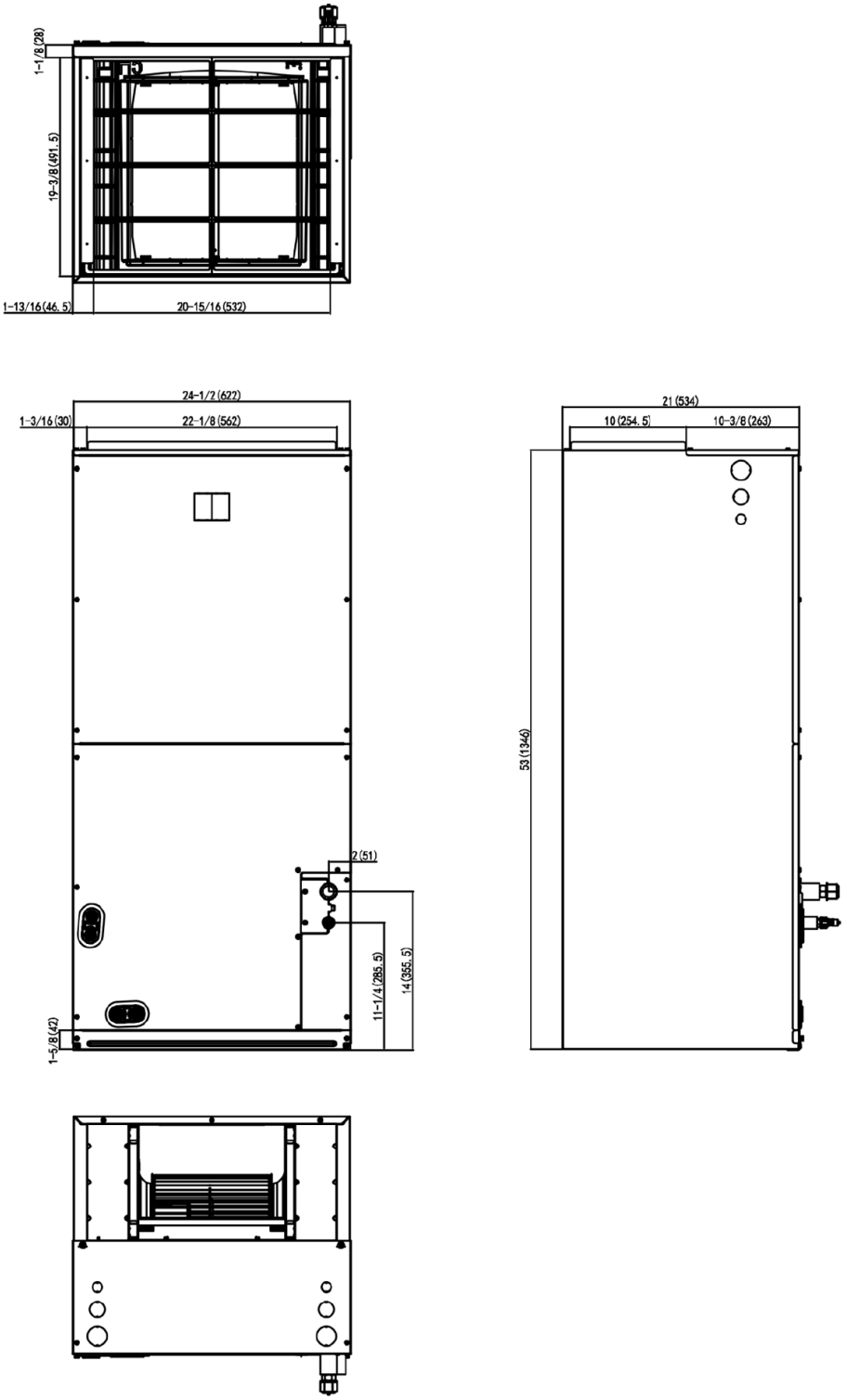
1. All specifications are subject to change by the manufacturer without prior notice.
2. Ratings marked * are AHRI-certified (AHRI 210/240-2024) and match the AHRI Directory (ahridirectory.org) for the reference number(s) above as of October 2026.
3. Sound pressure levels are measured in anechoic chamber. During actual operation, sound pressure level will be higher as a result of room specification condition.
4. Data from AUX lab, 30/09/24. Data may change according to test surroundings; AUX reserves right of explanation on data.

 © 2026 Aux Cloud Commerce (USA) Inc. All rights reserved

Dimensions

Indoor Unit
AHU48HPV1AI

AHU48HPV1AI



 © 2026 Aux Cloud Commerce (USA) Inc. All rights reserved