SUBMITTAL DATA SHEET

AUX R32 - Inverter Ducted System Series - AHU18HPV1AI

Job Name _____ Location _____ Date _____

Purchaser _____ Engineer _____

For ☐ Reference ☐ Approval ☐ Construction

Submitted to _____ Schedule # _____

Unit Designation _____



AHU18HPV1AI

- ❖ 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			**AHU18HPV1AI**
Outdoor Unit			**AHU18HPV1AO**
AHRI Certified Reference No.			**217729372**
Cooling	Capacity (Rated)	Btu/h	18000*
	Capacity Range (Min–Max)	Btu/h	4000-20000
	Power Input (Rated)	W	1600
Heating	Capacity at 47°F (Rated)	Btu/h	18000*
	Capacity Range (Min–Max)	Btu/h	3500-21000
	Power Input at 47°F (Rated)	W	1507
	Capacity at 17°F (Rated)	Btu/h	14000*
	Capacity at 5°F (Max)	Btu/h	14000*
Electrical	Power Supply	V~, Hz, Ph	208-230,60,1
	Rated Cooling Current	A	7.10
	Rated Heating Current	A	6.69
	MCA (Indoor Unit)	A	3.7
	Max. Fuse (Indoor Unit)	A	6
Efficiency	SEER2		17*
	HSPF2 (Region IV)		8.6*
	EER2		11.25*
	COP	W/W	3.50
Indoor Unit	Indoor Air Flow (Hi/Mi/Lo)	CFM	600/530/440
	Noise Level (Hi/Mi/Lo)	dB(A)	47/45/43
	External Static Pressure	in. W.C.	0.5(0~1)
	Net Dimensions (W×D×H)	inch	17.5×21.0×45.0
		mm	445×534×1143
	Package Dimensions (W×D×H)	inch	21.1×27.8×51.6
		mm	535×705×1310
	Net / Gross Weight	lbs	112.4/128.9

Specifications are subject to change without notice.

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Inverter Ducted System – Regular Series (A)			
Piping	Liquid (O.D.)	in. [mm]	3/8 [9.52]
	Gas (O.D.)	in. [mm]	5/8 [15.88]
	Max. Length	ft [m]	98 [30]
	Max. Height	ft [m]	49 [15]
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:

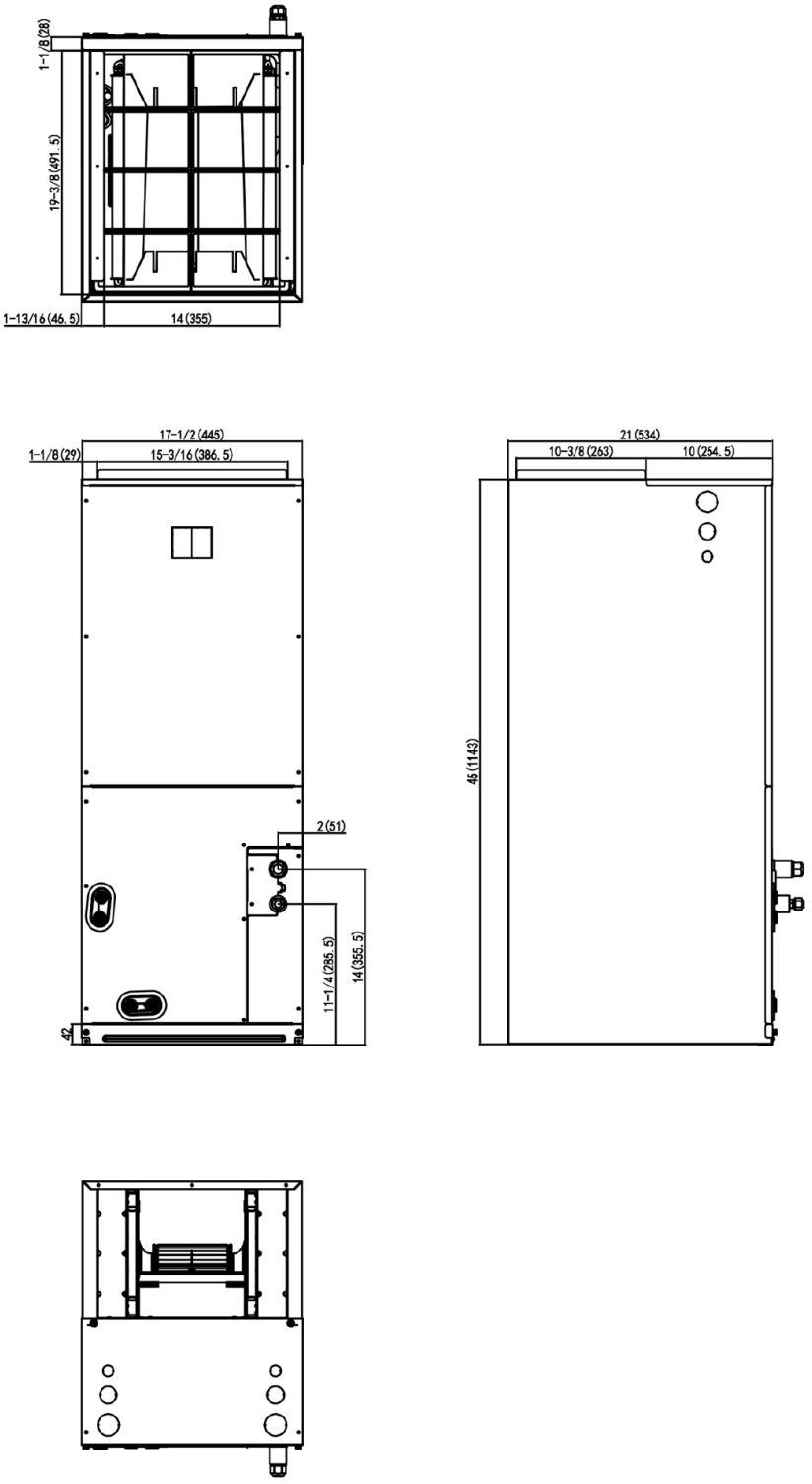
1. All specifications are subject to change by the manufacturer without prior notice.
2. Ratings marked * are AHRI-certified (AHRI 210/240-2024) and match the AHRI Directory (ahridirectory.org) for the reference number(s) above as of October 2026.
3. Sound pressure levels are measured in anechoic chamber. 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.

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Dimensions

Indoor Unit
AHU18HPV1AI

AHU18HPV1AI



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