

AUX R32 - Inverter Ducted system Series - AHU18HPV1BI

Job Name _____	Location _____	Date _____
Purchaser _____	Engineer _____	
Submitted to _____	For ☐ Reference ☐ Approval ☐	
Unit Designation _____	Construction _____	
	Schedule # _____	

AHRI No: 216032392



Specifications				
Model	Indoor unit			AHU18HPV1BI
	Outdoor unit			AHU18HPV1BO
Cooling	Capacity	Rated	Btu/h	18000
	Capacity Range	Min-Max	Btu/h	6000-23000
	Power Input	Rated	W	1552
Heating	Capacity at 47°F	Rated	Btu/h	22000
	Capacity Range	Min-Max	Btu/h	4600-24000
	Power Input at 47°F	Rated	W	1896
Electric Data	Power Supply		V~,Hz,Ph	208/230,60,1
	Rated Cooling Current		A	6.88
	Rated Heating Current		A	8.41
	MCA	Indoor unit	A	3.7
	MAX.Fuse	Indoor unit	A	6
Efficiency	SEER2		(Btu/h)/W	19.20
	HSPF2(Region IV)		(Btu/h)/W	9.00
	EER2		(Btu/h)/W	11.60
	COP		W/W	3.40
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.g	0.5(0~1)
	Net Dimension	H	In.[mm]	45[1143]
		W	In.[mm]	17-1/2[445]
		D	In.[mm]	21[534]
	Packing Dimension	H	In.[mm]	51-9/16[1310]
		W	In.[mm]	21-1/16[535]
		D	In.[mm]	27-3/4[705]
	Weight	Net/Gross	lbs	112.4/128.9
Pipe	Liquid(O.D.)		In.[mm]	3/8[Φ9.52]
	Gas(O.D.)		In.[mm]	5/8[Φ15.88]
	Max. Length		ft[m]	98[30]
	Max. Height		ft[m]	49[15]



Submittal Data Sheet - AHU18HPV1BI

Operation Temperature Range		°F (°C)	61~90(16~32)
Ambient Temp Range	Cooling	°F (°C)	5~125(-15~52)
	Heating	°F (°C)	-22~75(-30~24)
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.All units are being tested and comply to AHRI210/240.
- 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.



AUX-S-110624

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Dimensions

Indoor Unit
AHU18HPV1BI

