

AUX R32 - The Free Match Inverter Series - ASUM42HPMULO

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


 AHRI No: [214291430](#) / [216032440](#) / [216050942](#)

- ❖ One Person Installation
- ❖ Outdoor Unit PCB Coating
- ❖ 3 Ways to Control (Voice, Wi-Fi & Remote)
- ❖ Easy Service Control Board
- ❖ Highly Performance
- ❖ Golden Fin
- ❖ Wide Voltage Operation

Submittal Data Sheet - ASUM42HPMULO

Specifications					
Outdoor Unit					ASUM42HPMULO
System Format					1 drive 5
AHRI Certified Reference Number	Non-Ducted Indoor Units				214291430
	Ducted Indoor Units				216032440
	Mixed Ducted and Non-Ducted Indoor Units				216050942
Cooling	Non-Ducted Indoor Units	Capacity	Rated	Btu/h	42000
		Capacity Range	Min-Max	Btu/h	8450-48000
		Power Input	Rated	W	3360
		Moisture Removal	Kg/h		8
	Ducted Indoor Units	Capacity	Rated	Btu/h	42000
		Capacity Range	Min-Max	Btu/h	8350-46000
		Power Input	Rated	W	3415
		Moisture Removal	Kg/h		8
	Mixed Ducted and Non-Ducted Indoor Units	Capacity	Rated	Btu/h	42000
		Capacity Range	Min-Max	Btu/h	8350-46000
		Power Input	Rated	W	3387
		Moisture Removal	Kg/h		8
Heating	Non-Ducted Indoor Units	Capacity at 47°F	Rated	Btu/h	42000
		Capacity Range	Min-Max	Btu/h	8450-53000
		Power Input at 47°F	Rated	W	3160
		Capacity at 17°F	Rated	Btu/h	33000
		Capacity at 5°F	Max	Btu/h	34000
	Ducted Indoor Units	Capacity at 47°F	Rated	Btu/h	42000
		Capacity Range	Min-Max	Btu/h	8450-53000
		Power Input at 47°F	Rated	W	3156
		Capacity at 17°F	Rated	Btu/h	35000
		Capacity at 5°F	Max	Btu/h	35000
	Mixed Ducted and Non-Ducted Indoor Units	Capacity at 47°F	Rated	Btu/h	42000
		Capacity Range	Min-Max	Btu/h	8450-53000
		Power Input at 47°F	Rated	W	3156
		Capacity at 17°F	Rated	Btu/h	34000
		Capacity at 5°F	Max	Btu/h	34500



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Efficiency	Non-Ducted Indoor Units	SEER2		24	
		HSPF2		10.5	
		COP		3.9	
		EER2		12.5	
	Ducted Indoor Units	SEER2		22	
		HSPF2		10	
		COP		3.9	
		EER2		12.3	
	Mixed Ducted and Non-Ducted Indoor Units	SEER2		23	
		HSPF2		10.25	
COP		3.9			
EER2		12.4			
MCA			32		
MOCP			45		
Outdoor	Package Dimensions	H	In.[mm]	56-45/64[1440]	
		W	In.[mm]	42-33/64[1080]	
		D	In.[mm]	16-59/64[430]	
	Net Dimensions	H	In.[mm]	51-31/32[1320]	
		W	In.[mm]	39-51/64[1011]	
		D	In.[mm]	15-3/4[400]	
	Net Weight		lbs[kg]		205.0[93]
	Air Flow Rate(Cooling/Heating)		CFM		4235
	Sound Pressure Level	Cooling	dB(A)	60	
Heating		dB(A)	60		
Piping	Diameter	Gas(O.D.)	In.[mm]	3/8[9.52]	
		Liquid(O.D)	In.[mm]	1/4[6.35]	
		Indoor Drain	In.[mm]	5/8[15.88]	
	Max.Length		ft[m]		263[80]
	Min.Length		ft[m]		10[3]
	Max.Height		ft[m]		49[15]
Electrical	Outdoor-Indoor		V,ph,Hz		208~230,1,60
	Recommended Breaker Size		A		45
Temperature Operation Range	Cooling		°F DB [°C DB]		-13-125(-25-52)
	Heating		°F DB [°C DB]		-22-75(-30-24)

Remarks:

- 1.All specifications are subject to change by the manufacturer without prior notice.
- 2.All units are being tested and comply to ISO5151.
- 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,05/03/24, Data may change according to test surroundings, AUX reserves right of explanation on data.



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Indoor Unite Series																		
		Wall Mounted					Cassette				Ducted				Ceiling & Floor			
		AFEB**HP230V*CH					AFEB**HP230V*CC				AFEB**HP230V*SD				AFEB**HP230V*FL			
		7	9	12	18	24	9	12	18	24	9	12	18	24	9	12	18	24
MS	ASPR18HPMULO	●	●	●			●	●			●	●			●	●		
	ASPR24HPMULO	●	●	●	●		●	●	●		●	●	●		●	●	●	
	ASPR30HPMULO	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	ASPR36HPMULO	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	ASPR42HPMULO	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
MX	ASUM18HPMULO	●	●	●			●	●			●	●			●	●		
	ASUM24HPMULO	●	●	●	●		●	●	●		●	●	●		●	●	●	
	ASUM36HPMULO	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	ASUM42HPMULO	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

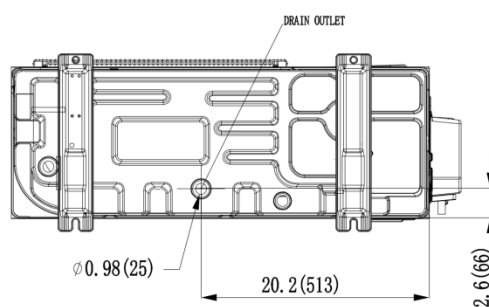
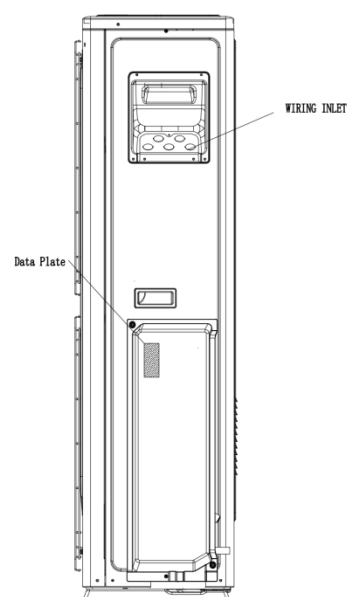
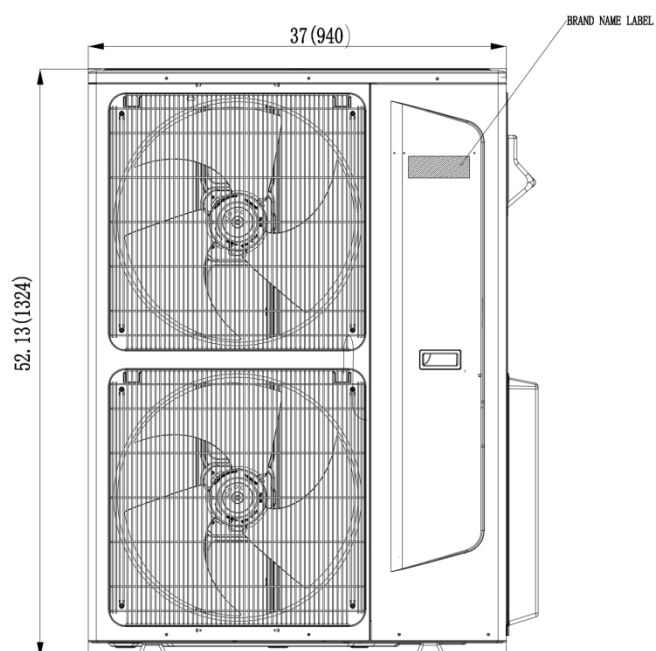
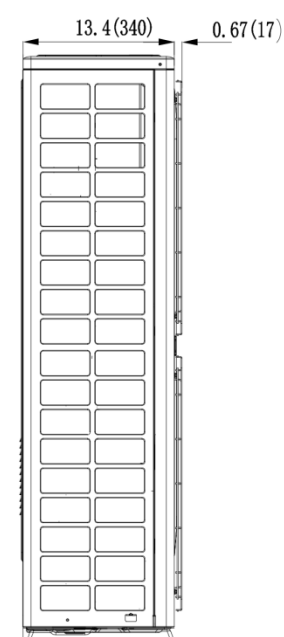
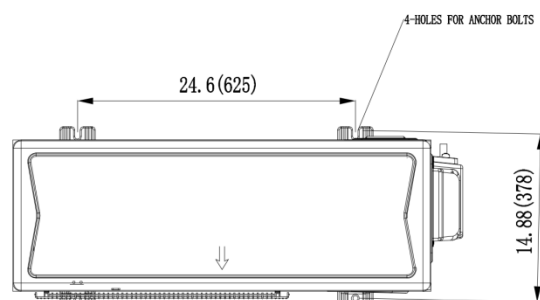




Dimensions

Outdoor Unit

ASUM42HPMULO





Dimensions

Outdoor Unit
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