SUBMITTAL DATA SHEET

AUX R32 - The Free Match Inverter Series - ASUM42HPMULO

Job Name _____ Location _____ Date _____

Purchaser _____ Engineer _____

For ☐ Reference ☐ Approval ☐ Construction

Submitted to _____ Schedule # _____

Unit Designation _____



ASUM42HPMULO

- One-person installation
- 3 ways to control (voice, Wi-Fi & remote)
- High performance
- Outdoor unit PCB coating
- Easy-service control board
- Golden Fin coil
- Wide voltage operation

Multi-Zone Outdoor Unit – Extreme Series (MX)			
Outdoor Unit			**ASUM42HPMULO**
System Format			**1 drive 5**
AHRI Ref. No. – Non-Ducted			**214291430**
AHRI Ref. No. – Ducted			**216032440**
AHRI Ref. No. – Mixed Ducted / Non-Ducted			**216050942**
Cooling Non-Ducted	Capacity (Rated)	Btu/h	42000*
	Capacity Range (Min–Max)	Btu/h	8450-48000
	Power Input (Rated)	W	3360
	Moisture Removal	kg/h	8
Cooling Ducted	Capacity (Rated)	Btu/h	42000*
	Capacity Range (Min–Max)	Btu/h	8350-46000
	Power Input (Rated)	W	3415
	Moisture Removal	kg/h	8
Cooling Mixed Ducted / Non-Ducted	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	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	36400*
	Capacity at 5°F (Max)	Btu/h	34000*
Heating Ducted	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*

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Multi-Zone Outdoor Unit – Extreme Series (MX)			
Heating Mixed Ducted / Non-Ducted	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	35200*
	Capacity at 5°F (Max)	Btu/h	34400*
Efficiency Non-Ducted	SEER2		24*
	HSPF2		10.5*
	COP	W/W	3.9
	EER2		12.5*
Efficiency Ducted	SEER2		22*
	HSPF2		10*
	COP	W/W	3.9
	EER2		12.3*
Efficiency Mixed Ducted / Non-Ducted	SEER2		23*
	HSPF2		10.25*
	COP	W/W	3.9
	EER2		12.4*
Outdoor Unit	Package Dimensions (W×D×H)	inch	42.5×16.9×56.7
		mm	1080×430×1440
	Net Dimensions (W×D×H)	inch	39.8×15.7×52.0
		mm	1011×400×1320
	Net Weight	lbs [kg]	205.0 [93]
	Air Flow Rate (Cooling/Heating)	CFM	4235
	Sound Pressure Level – Cooling	dB(A)	60
	Sound Pressure Level – Heating	dB(A)	60
Piping	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
	MCA	A	32
	MOCP	A	45
Operating Range	Cooling	°F (°C) DB	-13-125(-25-52)
	Heating	°F (°C) DB	-22-75(-30-24)

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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, 05/03/24. Data may change according to test surroundings; AUX reserves right of explanation on data.

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Compatible Indoor Units

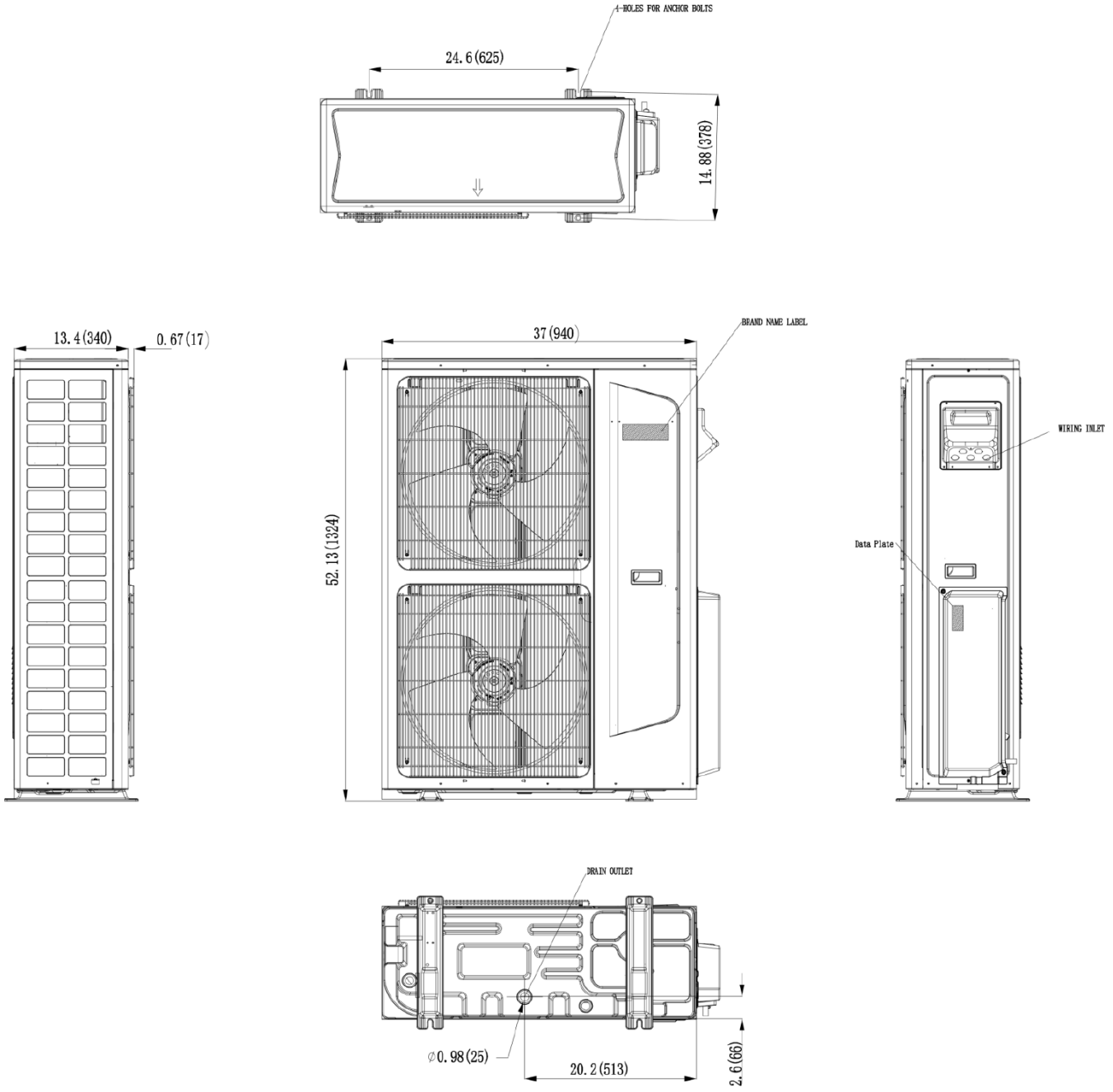
Outdoor Unit
ASUM42HPMULO

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	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

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Dimensions

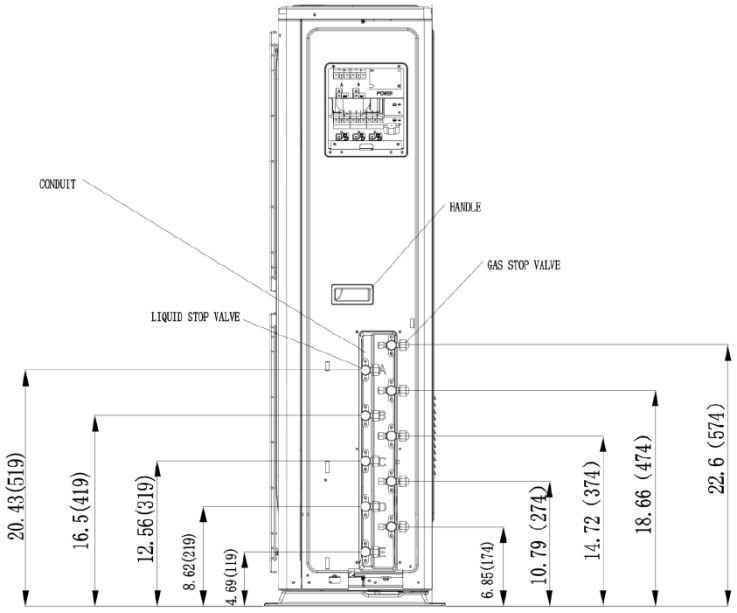
Outdoor Unit
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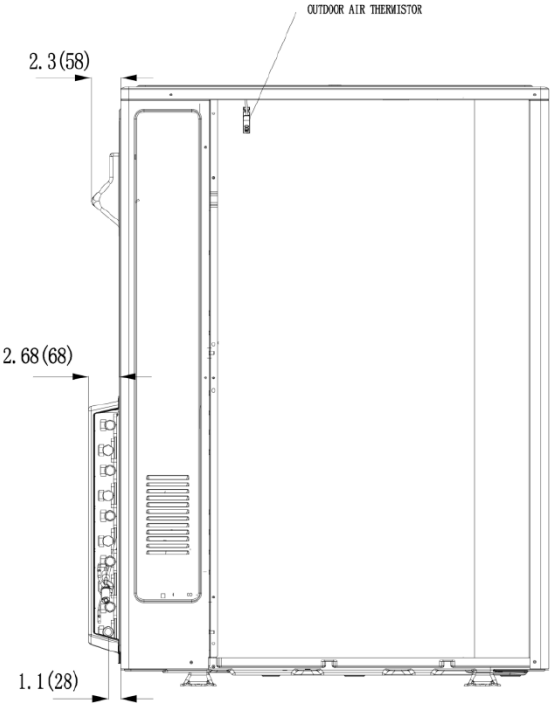


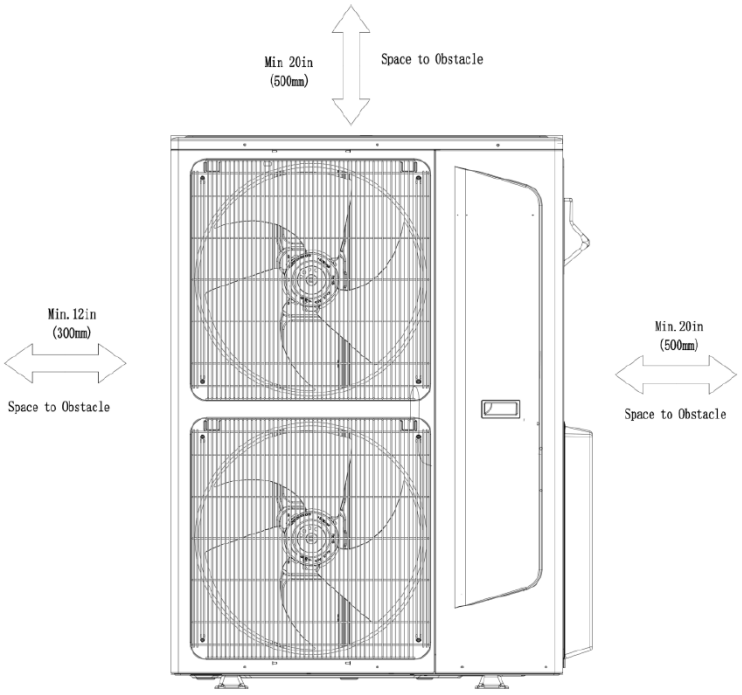
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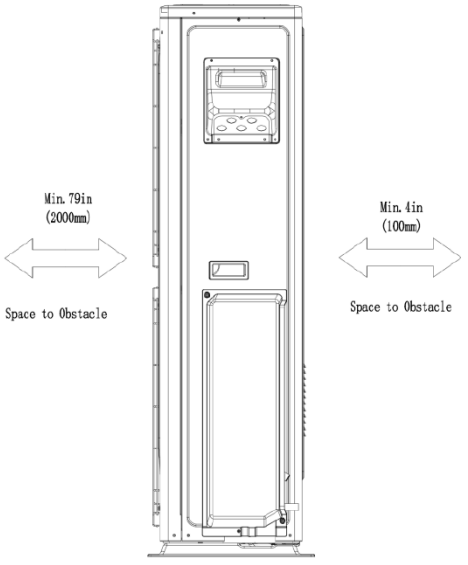
Dimensions

Outdoor Unit
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