CH-RES24-230VO + CH-R24MOLVWM-230VI

Job Name:	**Date:**
Location:	**Approval:**
Engineer:	**Construction:**
Submitted to:	**Unit #:**
Submitted by:	**Drawing #:**
Reference:	

KEY FEATURES:

- Auto-Swing for horizontal louvers
- Genius Core ultra-low compressor speed of 12Hz • 46° Freeze Protection
- Smart Kit Ready
- Turbo Mode
- Follow Me Mode
- Smart kit Included

NOTES:





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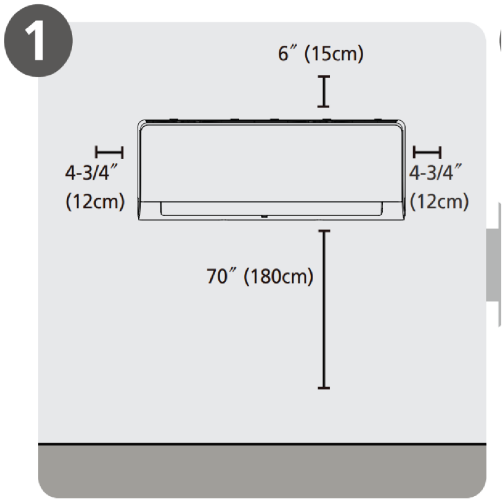
Indoor Model			**CH-R24MOLVWM-230VI**
Power supply		V, Ph, Hz	208-230V, 1Ph, 60Hz
Communication wiring			AWG 14-4
Cooling	Capacity	Btu/h	24,000 (9,700~27,000)
	Input	w	1,846 (860~2,550)
	Rated current	A	8 (3.7~11.2)
	EER/EER2	Btu/w	
	SEER/SEER2	Btu/w	
Heating at 47 °F	Capacity	Btu/h	25,000 (11,300~32,700)
	Input	W	2,379 (645~3,320)
	Rated current	A	10.4 (3.5~14.5)
	COP	W/W	03.08
	HSPF4/HSPF2-4		10
	HSPF5/HSPF2-5		7.7
Indoor fan motor		Qty	1
		Input	58
		RLA	1.3
Indoor air flow (Turbo/Hi/Med/Lo) (No duct)		CFM	759.3 / 588.6 / 459.1 / 382.6
ESP (range)		In.wg.	/
Indoor noise level (Hi/Med/Lo)		dB(A)	48.5/43.5/27.5
Dehumidification		L/H	5.71
Indoor unit	Dimensions (WxDxH)	inch	42.60 x 9.21 x 13.27
	Packing (WxDxH)	inch	45.47 x 16.34 x 12.40
	Net/Gross weight	lbs	30.86/40.56
Drainage water pipe diameter		inch	5/8"
Refrigerant piping (Liquid side/Gas side)		inch	3/8"/5/8"
Design pressure		PSIG	550/340
Controller			remote controller
Room temperature	Cooling	F	60~90
	Heating	F	32~86

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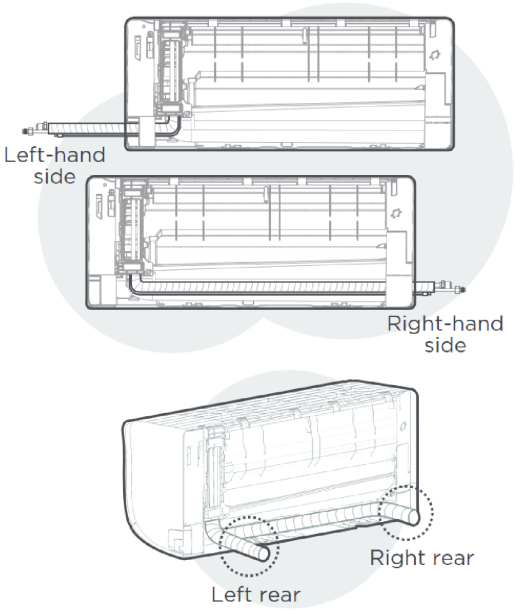
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Outdoor Model			CH-RES24-230VO
Power supply		V, Ph, Hz	208-230V, 1Ph, 60Hz
Min. circuit ampacity		A	24
Max. fuse		A	25
Compressor	Model		KTM240D46UKT2
	Type		ROTARY
	Brand		GMCC
	Capacity	Btu/h	25.93
	Input	w	2.045
	Rated current (RLA)	A	15.4
	Refrigerant oil	oz	VG74 21
Outdoor fan motor	Qty		1
	Input	w	120
	RLA	A	1
	Speed	r/min	810/700/450
Outdoor air flow (Max)		CFM	2,235.3
Outdoor noise level (Max)		dB(A)	60
Throttle type			EXV+Throttle valve
Outdoor unit	Dimensions (WxDxH)	inch	37.24 x 16.14 x 31.89
	Packing (WxDxH)	inch	42.91 x 19.68 x 34.84
	Net/Gross weight	inch	122.13/132.28
Refrigerant	Type		R454B
	Precharge	ft	25
Additional charge for 1/4 inch liquid pipe		oz	/
Additional charge for 3/8 inch liquid pipe		oz	0.32
Refrigerant piping	Liquid side/Gas side	inch	3/8"/5/8"
	Max. pipe length	ft	164
	Max. difference in level	ft	82
Ambient temperature	Cooling	F	-13 ~ 122
	Heating	F	-13~75

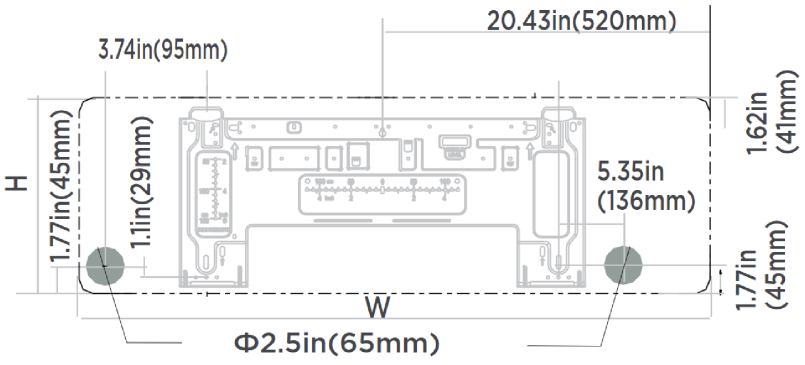
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Select Installation Location



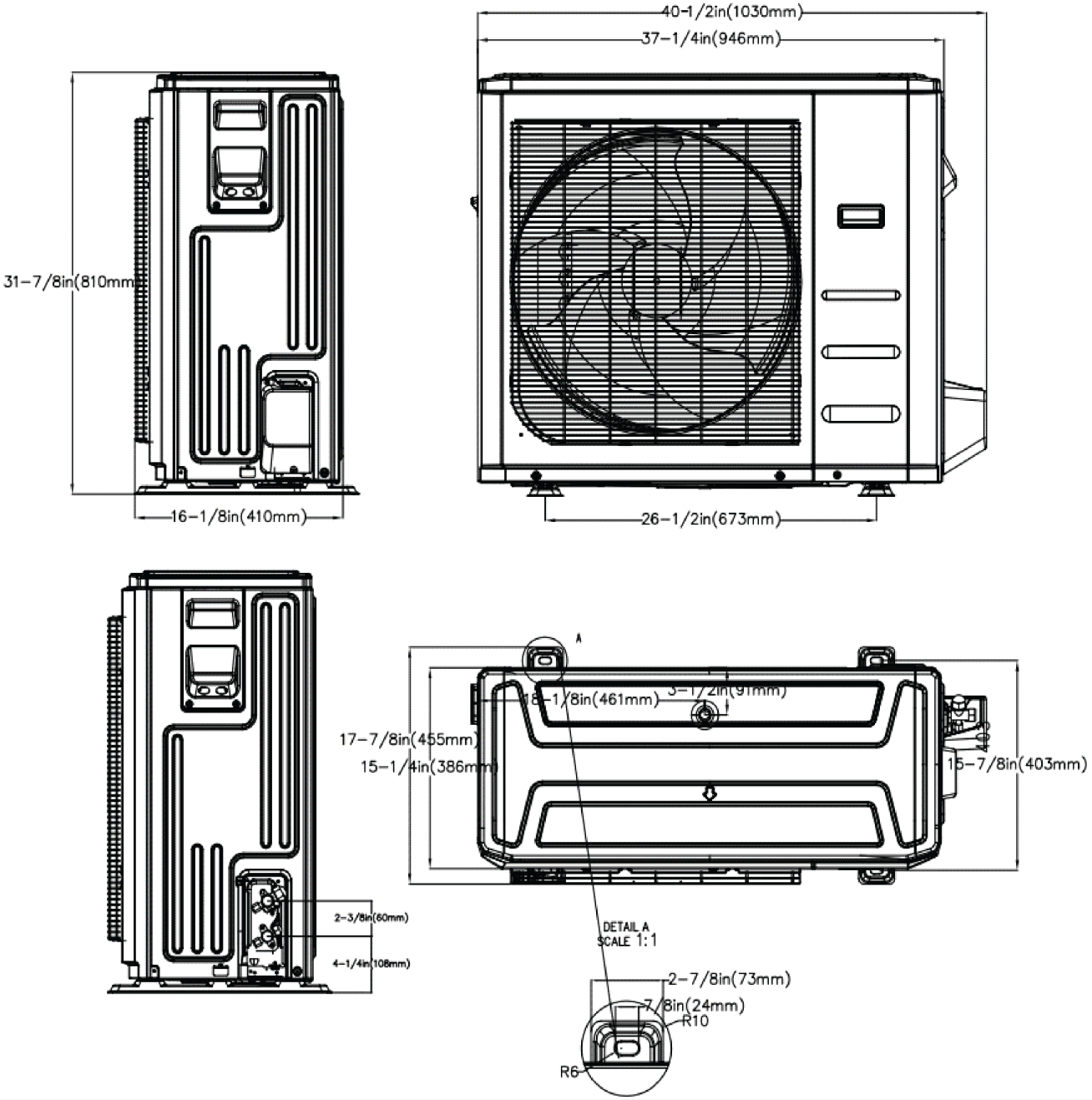
NOTE:
Based on the position of the wall hole relative to the mounting plate, choose the side from which the piping will exit the unit. You have four options for the exit direction of the piping.



Indoor unit dimensions(WxH):
38.2in(971mm)x12.6in(321mm)

NOTE:
When the gas side connective pipe isΦ (5/8in)16mm or more, the wall hole shouldbe (3-1/2in)90mm.

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