

Job Name: _____
Location: _____
Engineer: _____
Submitted to: _____
Submitted by: _____
Reference: _____

Date: _____
Approval: _____
Construction: _____
Unit #: _____
Drawing #: _____

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

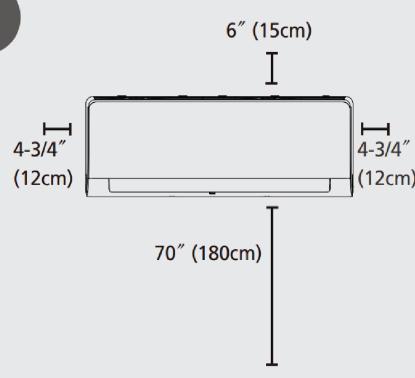
NOTES:



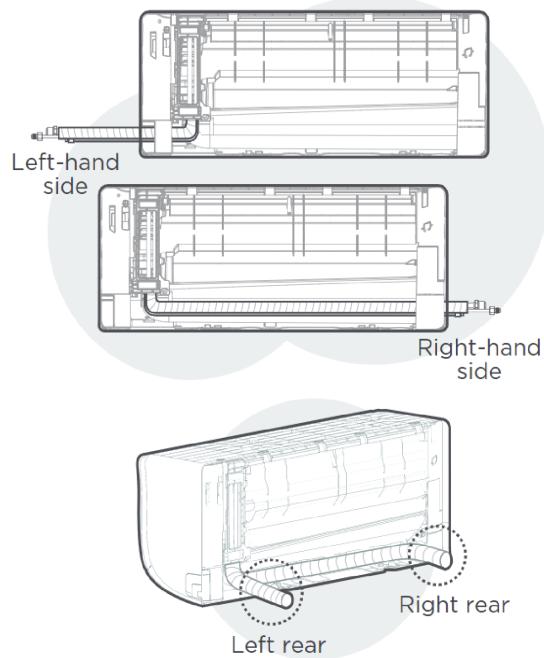
Indoor Model		CH-RB09MOLVWM-230VI	
Power supply		V, Ph, Hz	
Communication wiring		AWG 14-4	
Cooling	Capacity	Btu/h	9,000 (3,100~10,900)
	Input	w	612 (210~820)
	Rated current	A	4.6 (1.1~3.6)
	EER/EER2	Btu/w	
	SEER/SEER2	Btu/w	
Heating at 47 °F	Capacity	Btu/h	10,000 (4,200~14,200)
	Input	w	800 (230~1,240)
	Rated current	A	3.6 (1.2~5.5)
	COP	W/W	3.66
	HSPF4/HSPF2-4		13
	HSPF5/HSPF2-5		9.5
Indoor fan motor		Qty	1
		Input	13
		RLA	0.5
Indoor air flow (Turbo/Hi/Med/Lo) (No duct)		CFM	382.6 / 294.3 / 194.2 / 153
ESP (range)		In.wg.	/
Indoor noise level (Hi/Med/Lo)		dB(A)	42/36/21
Dehumidification		L/H	1.48
Indoor unit	Dimensions (WxDxH)		inch
	Packing (WxDxH)		inch
	Net/Gross weight		lbs
Drainage water pipe diameter		inch	5/8"
Refrigerant piping (Liquid side/Gas side)		inch	1/4"/3/8"
Design pressure		PSIG	550/340
Controller			remote controller
Room temperature	Cooling	F	60~90
	Heating	F	32~86

Outdoor Model			CH-RES09-230VO
Power supply		V, Ph, Hz	208-230V, 1Ph, 60Hz
Min. circuit ampacity		A	12
Max. fuse		A	15
Compressor	Model		KSK103D33UEZ3
	Type		ROTARY
	Brand		GMCC
	Capacity	Btu/h	11,100
	Input	w	826
	Rated current (RLA)	A	7.3
Outdoor fan motor	Refrigerant oil	oz	VG74 10.5
	Qty		1
	Input	w	34
	RLA	A	0.6
Outdoor unit	Speed	r/min	800/700/600
	Outdoor air flow (Max)	CFM	1,235.3
	Outdoor noise level (Max)	dB(A)	52.5
	Throttle type		EXV
	Dimensions (WxDxH)	inch	30.12 x 11.93 x 21.85
	Packing (WxDxH)	inch	34.92 x 13.27 x 24.02
	Net/Gross weight	inch	62.17/67.68
	Type		R454B
	Precharge	ft	25
	Additional charge for 1/4 inch liquid pipe	oz	0.16
Refrigerant piping	Additional charge for 3/8 inch liquid pipe	oz	/
	Liquid side/Gas side	inch	1/4"/3/8"
	Max. pipe length	ft	82
Ambient temperature	Max. difference in level	ft	49.2
	Cooling	F	-13 ~ 122
	Heating	F	-13~75

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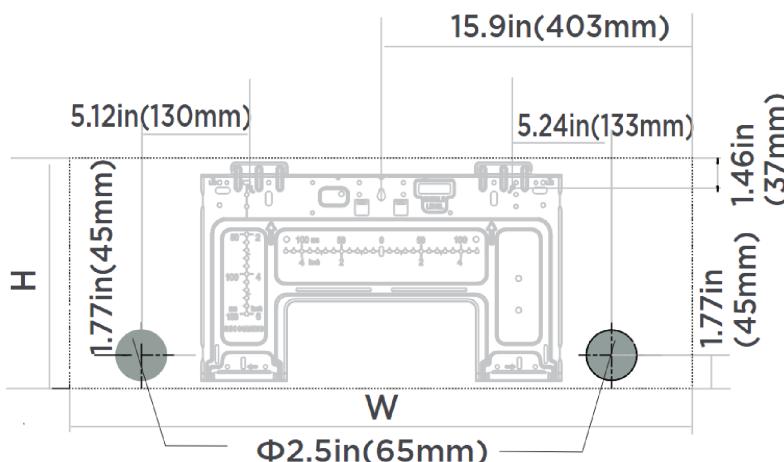


Select Installation Location



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.

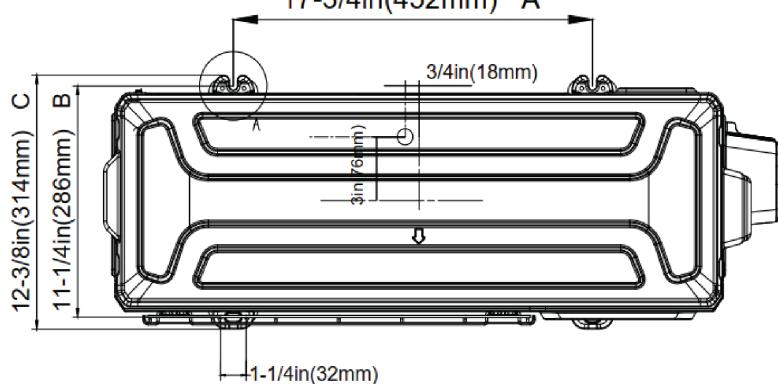
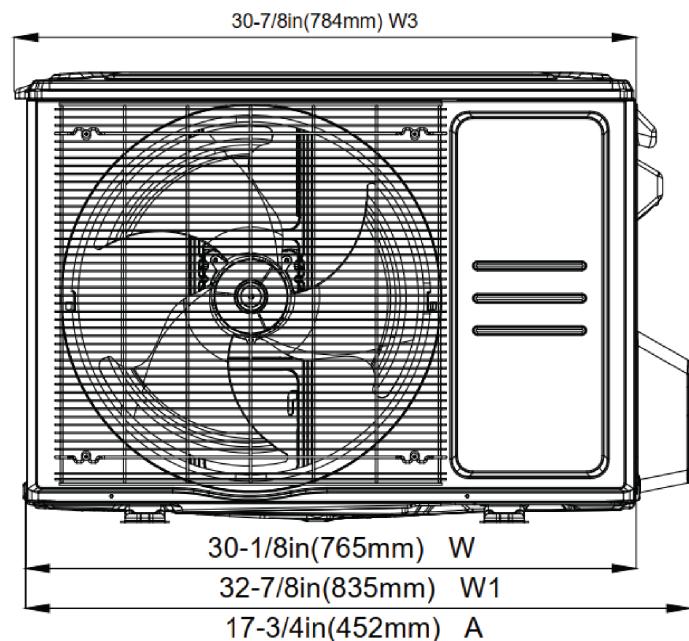
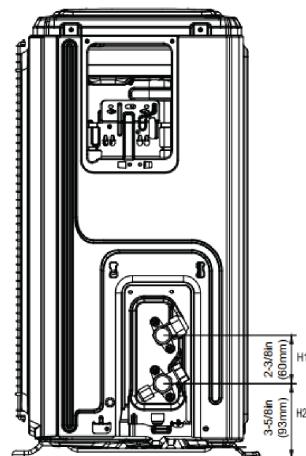
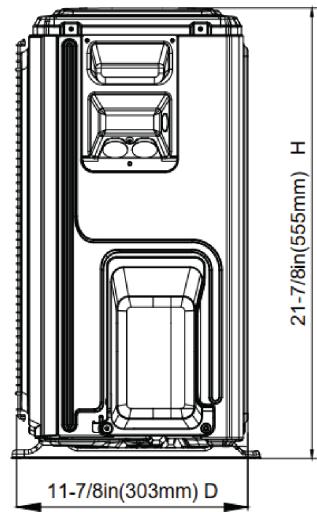


Indoor unit dimensions (WxH):

31.7in(806mm) x 11.65in(296mm)

NOTE:

When the gas side connective pipe is Φ (5/8in)16mm or more, the wall hole should be (3-1/2in)90mm.



DETAIL A
SCALE 1:2

