

**Job Name:** \_\_\_\_\_  
**Location:** \_\_\_\_\_  
**Engineer:** \_\_\_\_\_  
**Submitted to:** \_\_\_\_\_  
**Submitted by:** \_\_\_\_\_  
**Reference:** \_\_\_\_\_

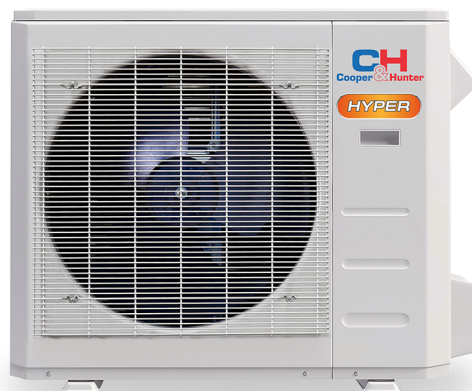
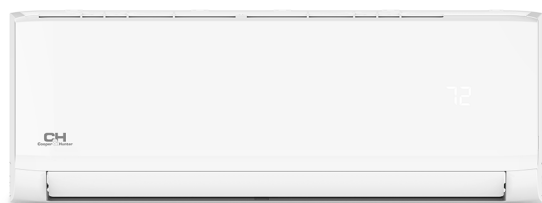
**Date:** \_\_\_\_\_  
**Approval:** \_\_\_\_\_  
**Construction:** \_\_\_\_\_  
**Unit #:** \_\_\_\_\_  
**Drawing #:** \_\_\_\_\_

## 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
- Smart kit Included

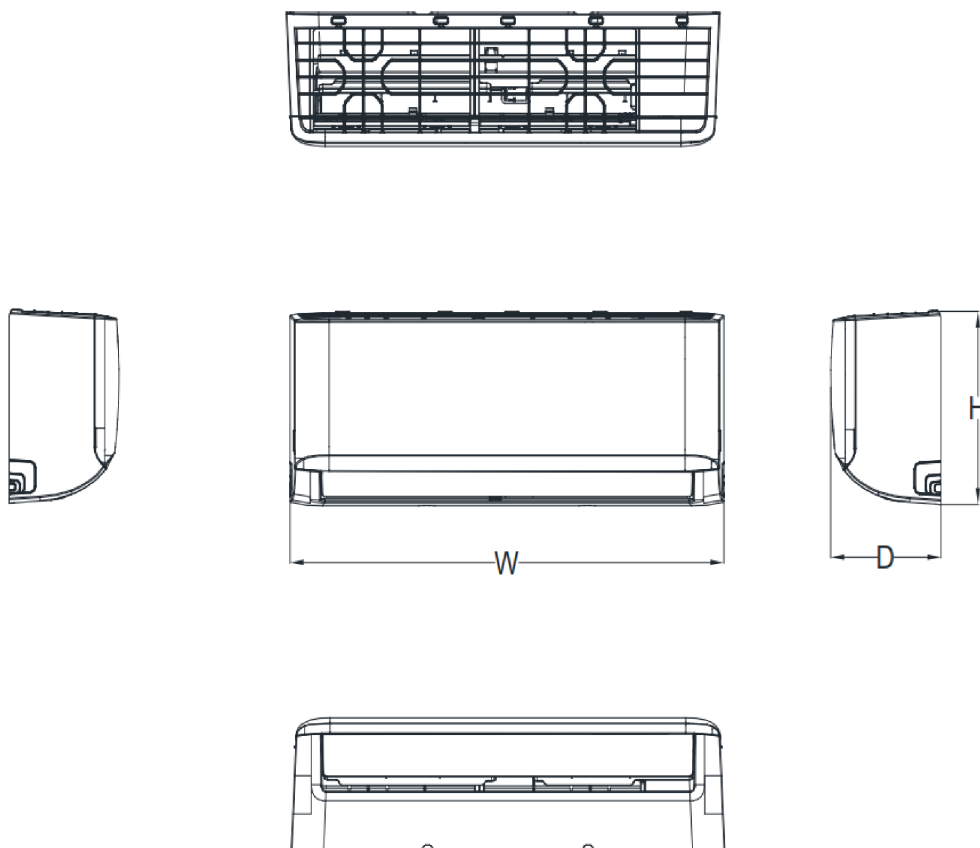
## NOTES:

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Indoor Model			CH-R33HOLVWM-230VI
Power supply		V, Ph, Hz	208-230V, 1Ph, 60Hz
Communication wiring			AWG 14-4
Cooling	Capacity	Btu/h	33,000 (15,000~35,900)
	Input	w	2,821 (440~3,450)
	Rated current	A	12.6 (3.1~15.4)
	EER/EER2	Btu/w	
	SEER/SEER2	Btu/w	
Heating at 47 °F	Capacity	Btu/h	36,000(11,400~44,000)
	Input	W	3,277 (1,245~4,120)
	Rated current	A	14.1 (6.8~18.1)
	COP	W/W	3.22
	HSPF4/HSPF2-4		10.5
	HSPF5/HSPF2-5		8.6
Indoor fan motor		Qty	1
		Input	58
		RLA	1.6
Indoor air flow (Turbo/Hi/Med/Lo) (No duct)		CFM	829.9 / 676.9 / 529.7 / 447.3
ESP (range)		ln.wg.	/
Indoor noise level (Hi/Med/Lo)		dB(A)	52.5/46.5/29.5
Dehumidification		L/H	9.51
Indoor unit	Dimensions (WxDxH)	inch	49.57 x 11.14 x 14.25
	Packing (WxDxH)	inch	52.76 x 17.72 x 15.16
	Net/Gross weight	lbs	43.21/57.32
Drainage water pipe diameter		inch	5/8"
Refrigerant piping (Liquid side/Gas side)		inch	3/8"/3/4"
Design pressure		PSIG	550/340
Controller			remote controller
Room temperature	Cooling	F	60~90
	Heating	F	32~86

Outdoor Model			CH-RHP33-230VO
Power supply		V, Ph, Hz	208-230V, 1Ph, 60Hz
Min. circuit ampacity		A	34
Max. fuse		A	35
Compressor	Model		KTF420D62UNT
	Type		ROTARY
	Brand		GMCC
	Capacity	Btu/h	45,890 ± 3%
	Input	w	3,540 ± 3%
	Rated current (RLA)	A	24.5
	Refrigerant oil	oz	VG74 33.8
Outdoor fan motor	Qty		1
	Input	w	230
	RLA	A	1.5
	Speed	r/min	800/700/500
Outdoor air flow (Max)		CFM	2,235.3
Outdoor noise level (Max)		dB(A)	63.5
Throttle type			EXV
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	156.97/167.99
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"/3/4"
	Max. pipe length	ft	164
	Max. difference in level	ft	82
Ambient temperature	Cooling	F	-22 ~ 122
	Heating	F	-22~75



Capacity	Body Code	W(inch/mm)	D(mm/inch)	H(mm/inch)
6K~9K	A	28-3/4in /729mm	7-7/8in /200mm	11-1/2in /292mm
9K~12K	B	31-5/8in /802mm	7-7/8in /200mm	11-5/8in /295mm
18K	C	38-1/4in /971mm	9in/228mm	12-5/8in /321mm
18K~24K	D	42-5/8in /1082mm	9-1/4in/234mm	13-1/4in /337mm
30K~36K	F	49-5/8in /1259mm	11-1/8in/283mm	14-1/4in /362mm

