

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

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

## KEY FEATURES:

- Two-way Draining Connection
- Activated Carbon Filter
- GoldFin Anti-Corrosive Coating
- Omni-Directional Airflow
- 12 Indoor Fan Speeds
- Refrigerant Leakage Detection
- Self Diagnosis Function
- Fresh Air Intake

## NOTES:

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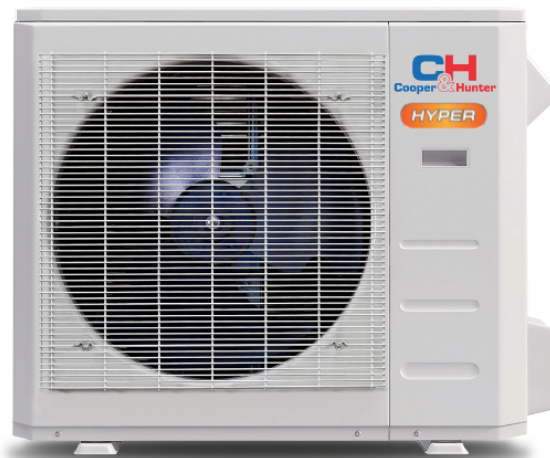
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## CEILING CASSETTE

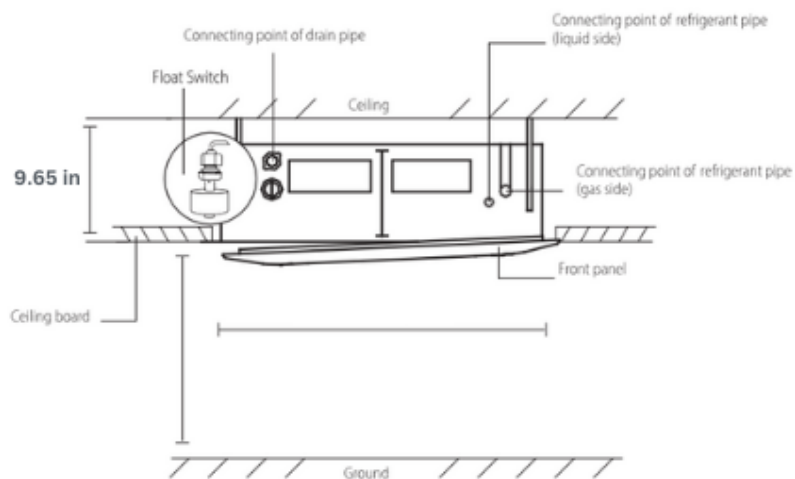
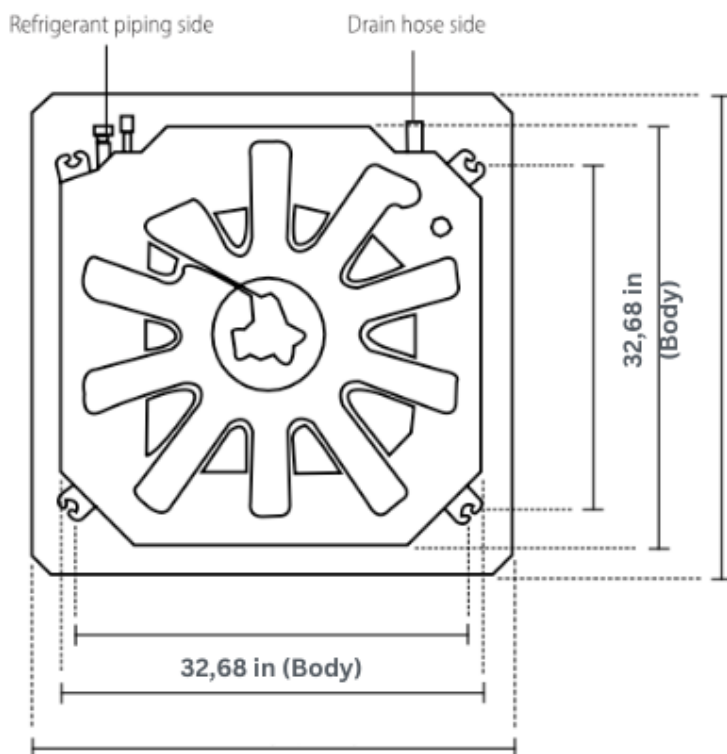


Indoor Model			CH-24MSPHCT-230VI
Power supply		V, Ph, Hz	208-230V, 1Ph, 60Hz
Communication wiring			14AWG*4
Cooling	Capacity	Btu/h	24,000(8,000~25,000)
	Input	w	2,182(330~1,560)
	Rated current	A	8.5(2.6~11)
	EER/EER2	Btu/w	11
	SEER/SEER2	Btu/w	20.5
Heating at 47 °F	Capacity	Btu/h	25,000(11,800~27,000)
	Input	W	2,093(685~2,814)
	Rated current	A	9.8(4.4~12.8)
	COP	W/W	3.5
	HSPF4/HSPF2-4		11.5
	HSPF5/HSPF2-5		9.2
Indoor fan motor		Qty	1
		Input	45
		RLA	1
Indoor air flow (Turbo/Hi/Med/Lo) (No duct)		CFM	764.71/705.88/635.29/547.06
ESP (range)		In.wg.	
Indoor noise level (Hi/Med/Lo)		dB(A)	48/45.5/43
Dehumidification		L/H	5.75
Indoor unit	Dimensions (WxDxH)	inch	32.68x32.68x8.07
	Packing (WxDxH)	inch	35.83x35.83x9.84
	Net/Gross weight	lbs	47.18/55.34
Drainage water pipe diameter		inch	1"
Refrigerant piping (Liquid side/Gas side)		inch	3/8"/5/8"
Design pressure		PSIG	550/340
Controller			RG10K-exclusive remote&120X or 120N wire controller
Room temperature	Cooling	F	60~90
	Heating	F	32~86

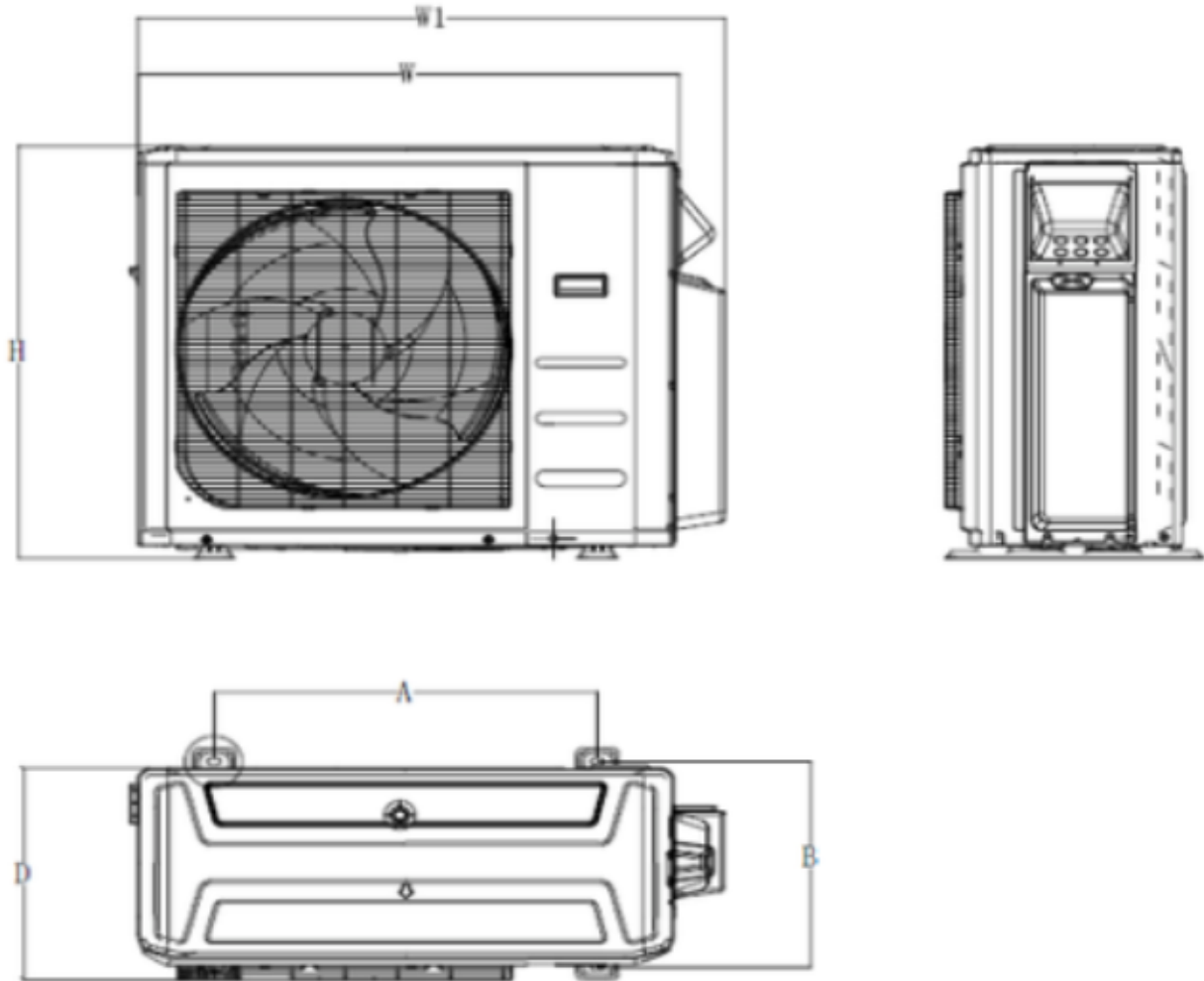
Outdoor Model			CH-HPR24-230VO
Power supply		V, Ph, Hz	208-230V, 1Ph, 60Hz
Min. circuit ampacity		A	25
Max. fuse		A	35
Compressor	Model		KTM240D43UKT
	Type		Twin-ROTARY
	Brand		GMCC
	Capacity	Btu/h	25,930
	Input	w	2,045
	Rated current (RLA)	A	17.1
	Refrigerant oil	oz	VG74 21
Outdoor fan motor	Qty		1
	Input	w	150
	RLA	A	0.5
	Speed	r/min	950/800/500
Outdoor air flow (Max)		CFM	2,235.29
Outdoor noise level (Max)		dB(A)	62
Throttle type			EXV+Throttle valve
Outdoor unit	Dimensions (WxDxH)	inch	37.24x16.14x31.89
	Packing (WxDxH)	inch	42.91x19.69x34.84
	Net/Gross weight	inch	134.48/144.40
Refrigerant	Type		R410A
	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	164.04
	Max. difference in level	ft	82.02
Ambient temperature	Cooling	F	-22 ~ 122
	Heating	F	-22 ~ 75

**CH-24MSPHCT-230VI**

**CEILING CASSETTE**



**32.68x32.68x9.65**



Dimensions	Width	Depth	Height
Inches	37.24	16.14	31.89