

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

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

## KEY FEATURES:

- Can be installed up to 2' from the ceiling
- E-Box and PCB located in the front of the unit with a cover kickstand providing easy access
- Revolutionary design offers convenient disassembly & maintenance with an easy-to-remove blower wheel
- Larger air inlet/outlet for improved air flow
- Auto-Swing for vertical and horizontal louvers
- Easy to remove magnetic filter on top
- Compatible with regular (-13°F) or Hyper (-22°F) outdoor units

## NOTES:

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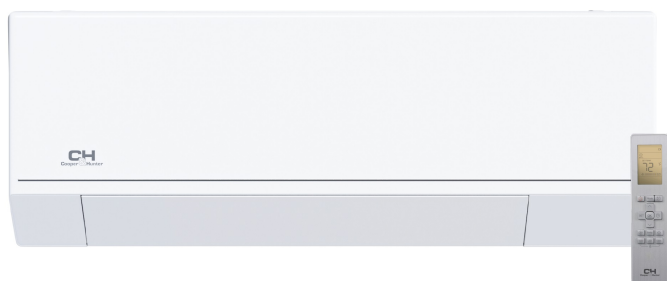
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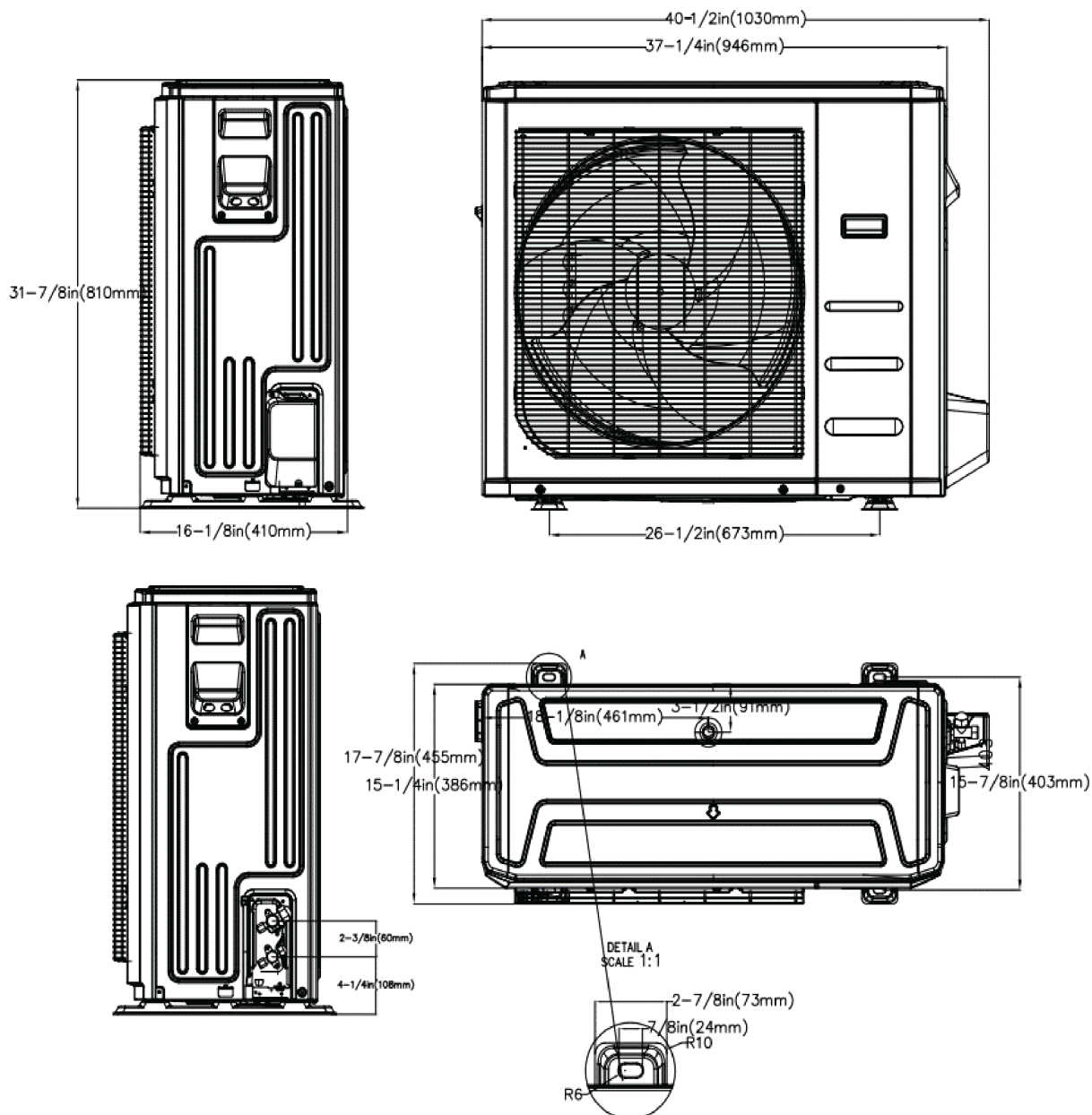
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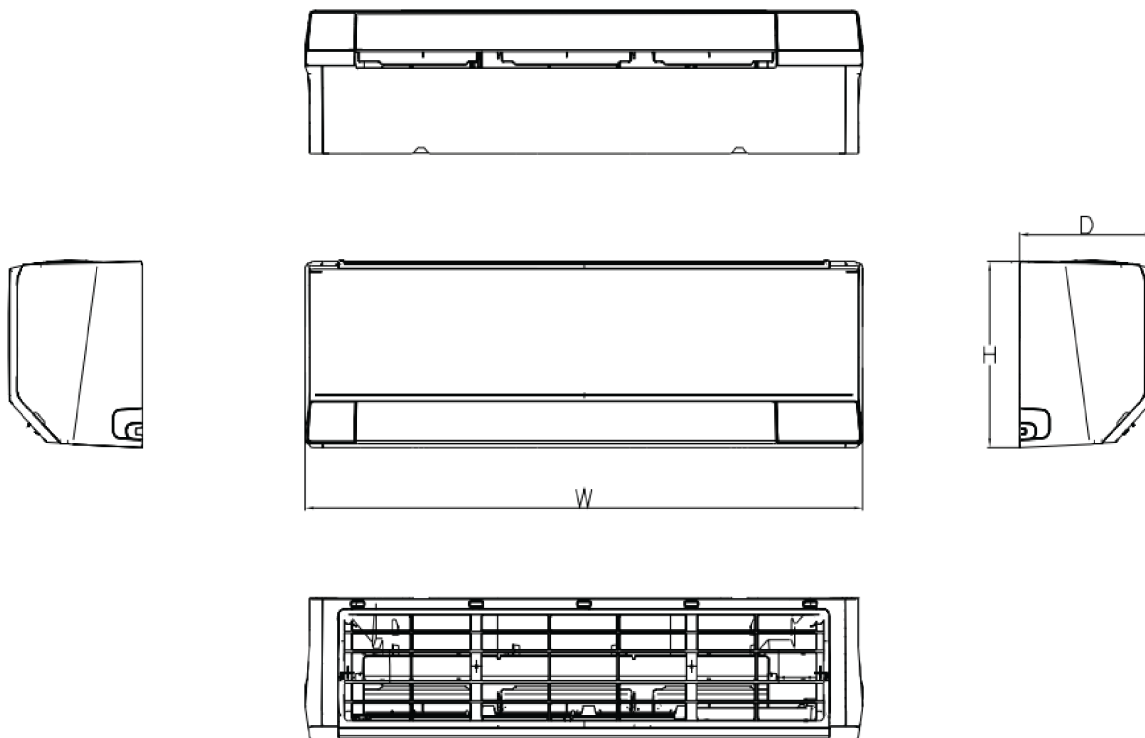
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Indoor Model			CH-RH24MASTWM-230VI
Power supply		V, Ph, Hz	208-230V, 1Ph, 60Hz
Communication wiring			AWG 14-4
Cooling	Capacity	Btu/h	24,000 (5,500~29,500)
	Input	W	1,714 (560~2,570)
	Rated current	A	7.4 (2.4~11.2)
	EER/EER2	Btu/w	14
	SEER/SEER2	Btu/w	23
Heating at 47 °F	Capacity	Btu/h	25,000 (9,900~30,800)
	Input	W	1,852 (520~3,150)
	Rated current	A	8.3 (2.8~13.7)
	COP	W/W	3.96
	HSPF4/HSPF2-4		11.7
	HSPF5/HSPF2-5		8.7
Indoor fan motor		Qty	1
		Input (W)	58
		RLA (A)	1.3
Indoor air flow (Turbo/Hi/Med/Lo) (No duct)		CFM	812.3 / 618 / 412 / 317.8
ESP (range)		In.wg.	
Indoor noise level (Hi/Med/Lo)		dB(A)	43.5/39.5/21.5
Dehumidification		Pnt/H	4.86
Indoor unit	Dimensions (WxDxH)	inch	47.13 x 11.02 x 14.61
	Packing (WxDxH)	inch	50.39x14.17x17.91
	Net/Gross weight	lbs	43.65/55.56
Drainage water pipe diameter		inch	5/8"
Refrigerant piping (Liquid side/Gas side)		inch	3/8"/5/8"
Design pressure		PSIG	550/340
Controller			wire controller + remote controller available
Room temperature	Cooling	F	60~90
	Heating	F	32~86

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	25,930
	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)	58
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





Capacity	Body Code	Unit	W	D	H
6k~12k	B	mm	857	231	300
		inch	33-3/4	9-1/8	11-3/4
18k	C	mm	1024	246	321
		inch	40-1/4	9-3/4	12-5/8
24k~36k	D	mm	1197	280	371
		inch	47-1/8	11	14-5/8