

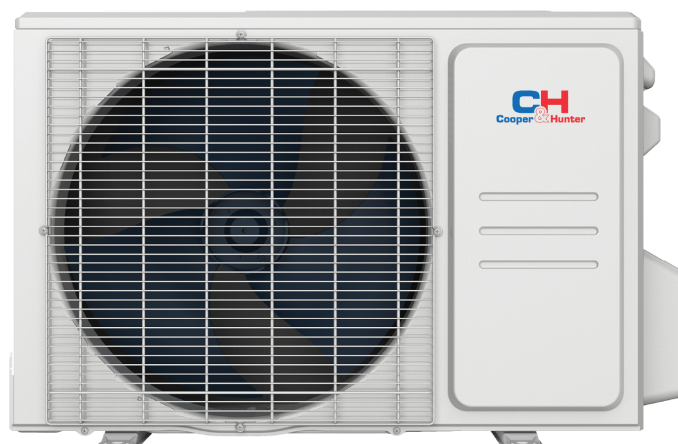
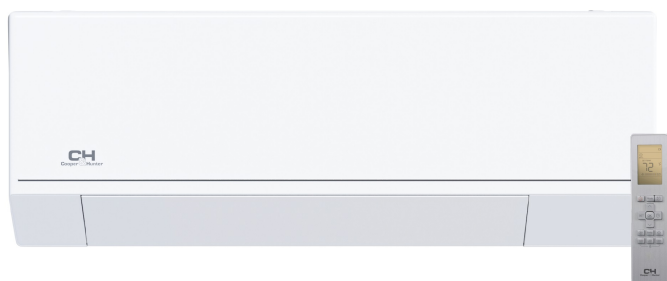
Job Name: _____
 Location: _____
 Engineer: _____
 Submitted to: _____
 Submitted by: _____
 Reference: _____

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

KEY FEATURES:

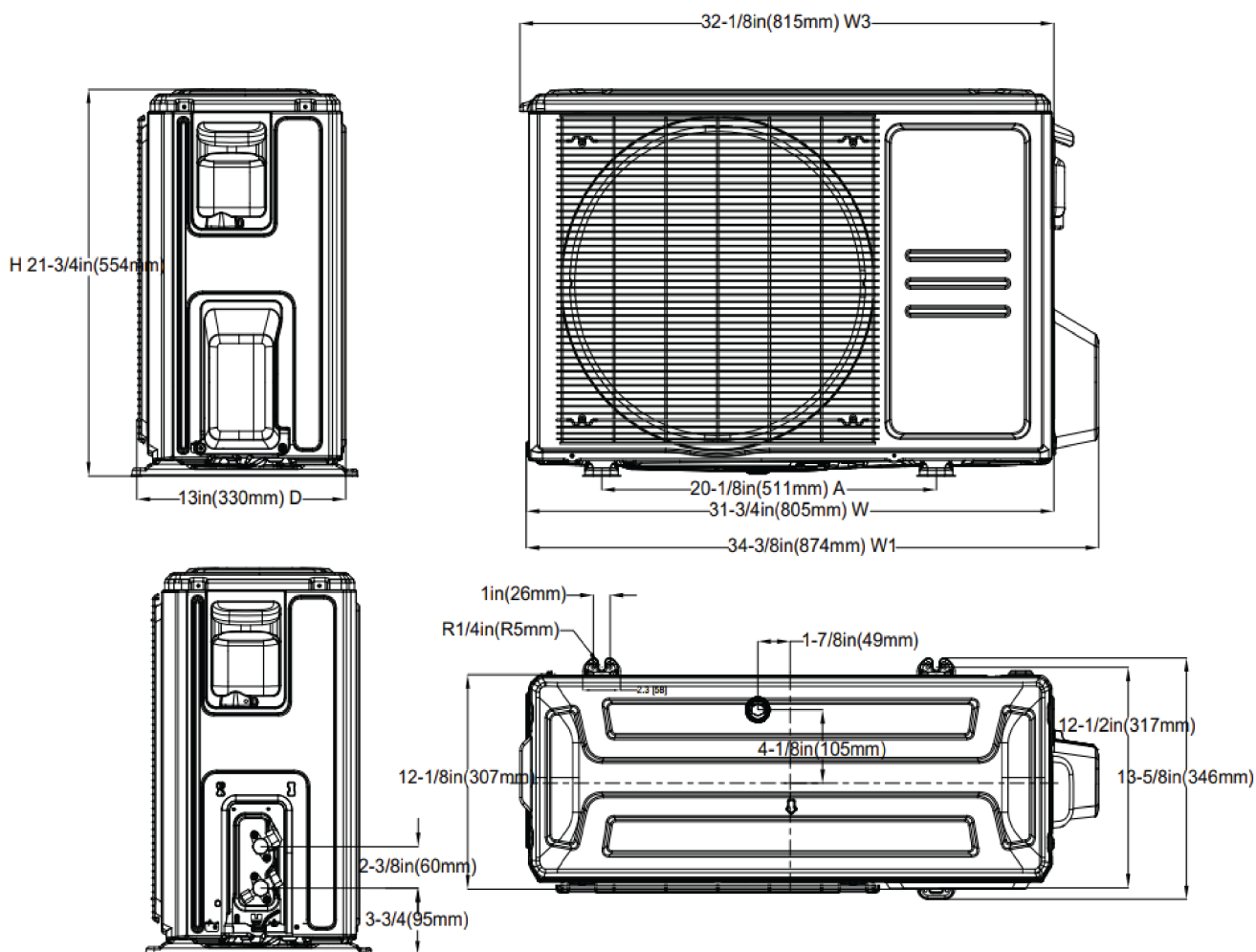
- Can be installed up to 2' from the ceiling
- E-Box and PCB located in the front of the unit with a cover kickstand providing easy access
- Revolutionary design offers convenient disassembly & maintenance with an easy-to-remove blower wheel
- Larger air inlet/outlet for improved air flow
- Auto-Swing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

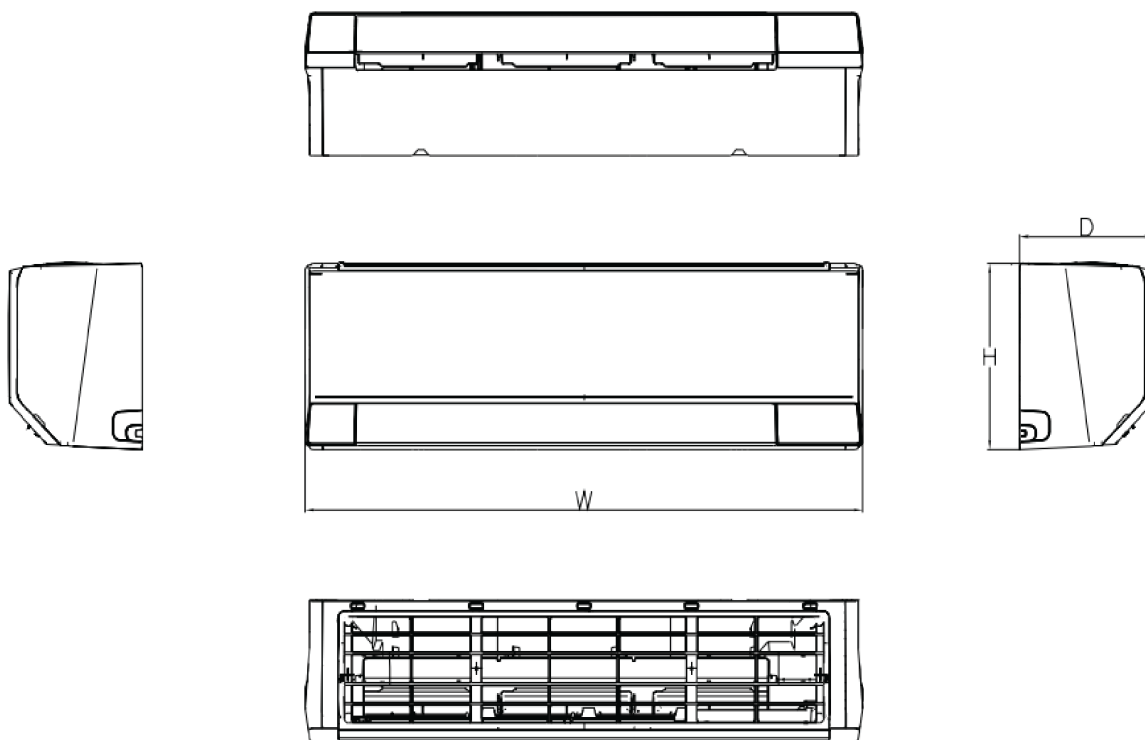
NOTES:



Indoor Model			CH-RH09MASTWM-230VI
Power supply		V, Ph, Hz	208-230V, 1Ph, 60Hz
Communication wiring			AWG 14-4
Cooling	Capacity	Btu/h	9,000 (2,200~13,000)
	Input	W	604 (180~990)
	Rated current	A	4.5 (0.8~4.8)
	EER/EER2	Btu/w	14.9
	SEER/SEER2	Btu/w	25.8
Heating at 47 °F	Capacity	Btu/h	10,000 (4,100~13,800)
	Input	W	750 (225~1,130)
	Rated current	A	3.3 (1.2~5)
	COP	W/W	3.9
	HSPF4/HSPF2-4		12.5
	HSPF5/HSPF2-5		9.2
Indoor fan motor		Qty	1
		Input (W)	20
		RLA (A)	0.5
Indoor air flow (Turbo/Hi/Med/Lo) (No duct)		CFM	441.4 / 323.7 / 229.6 / 176.6
ESP (range)		In.wg.	
Indoor noise level (Hi/Med/Lo)		dB(A)	43/31/18
Dehumidification		Pnt/H	1.27
Indoor unit	Dimensions (WxDxH)	inch	33.74 x 9.09 x 11.81
	Packing (WxDxH)	inch	36.22x12.20x14.57
	Net/Gross weight	lbs	23.37/29.98
Drainage water pipe diameter		inch	5/8"
Refrigerant piping (Liquid side/Gas side)		inch	1/4"/3/8"
Design pressure		PSIG	550/340
Controller			wire controller + remote controller available
Room temperature	Cooling	F	60~90
	Heating	F	32~86

Outdoor Model			CH-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
	Refrigerant oil	oz	VG74 10.5
Outdoor fan motor	Qty		1
	Input	W	34
	RLA	A	0.6
	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
Outdoor unit	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
Refrigerant	Type		R454B
	Precharge	ft	25
Additional charge for 1/4 inch liquid pipe		oz	0.16
Additional charge for 3/8 inch liquid pipe		oz	/
Refrigerant piping	Liquid side/Gas side	inch	1/4"/3/8"
	Max. pipe length	ft	82
	Max. difference in level	ft	49.2
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