

**Job Name:** \_\_\_\_\_

**Location:** \_\_\_\_\_

**Engineer:** \_\_\_\_\_

**Submitted to:** \_\_\_\_\_

**Submitted by:** \_\_\_\_\_

**Reference:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Approval:** \_\_\_\_\_

**Construction:** \_\_\_\_\_

**Unit #:** \_\_\_\_\_

**Drawing #:** \_\_\_\_\_

### KEY FEATURES:

- Double blower wheel
- Refrigerant Sensor
- 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:

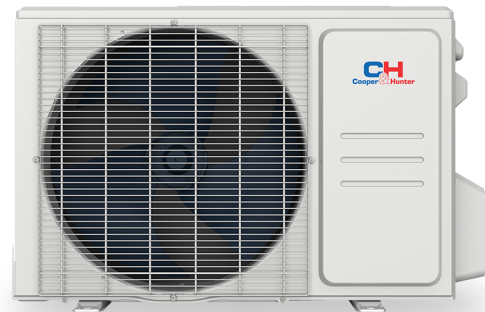
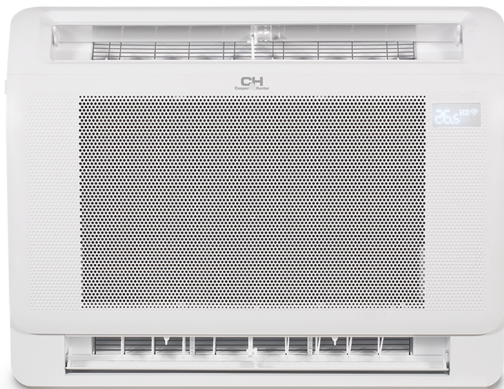
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Indoor Model			CH-RSH16MMC
Power supply		V, Ph, Hz	208-230V, 1Ph, 60Hz
Communication wiring			AWG 14-4
Cooling	Capacity	Btu/h	16,000 (4,700~18,000)
	Input	W	1,280 (440~1,600)
	Rated current	A	5.8 (2.1~7.1)
	EER/EER2	Btu/w	
	SEER/SEER2	Btu/w	
Heating at 47 °F	Capacity	Btu/h	17,000 (7,300~22,900)
	Input	W	1,478 (385~1,830)
	Rated current	A	6.7 (2.1~8.1)
	COP	W/W	3.37
	HSPF4/HSPF2-4		13.5
	HSPF5/HSPF2-5		9.4
Indoor fan motor		Qty	2
		Input (W)	13
		RLA (A)	1
Indoor air flow (Turbo/Hi/Med/Lo) (No duct)		CFM	500.3 / 441.4 / 382.6 / 323.7
ESP (range)		In.wg.	/
Indoor noise level (Hi/Med/Lo)		dB(A)	41.5/39/28.5
Dehumidification		Pnt/H	4.63
Indoor unit	Dimensions (WxDxH)	inch	31.26 x 7.87 x 24.45
	Packing (WxDxH)	inch	34.06 x 11.02 x 28.31
	Net/Gross weight	lbs	32.85/41.89
Drainage water pipe diameter		inch	5/8"
Refrigerant piping (Liquid side/Gas side)		inch	1/4"/1/2"
Design pressure		PSIG	550/340
Controller			remote controller
Room temperature	Cooling	F	60~90
	Heating	F	32~86

Outdoor Model		CH-RES18-230VO	
Power supply	V, Ph, Hz	208-230V, 1Ph, 60Hz	
Min. circuit ampacity	A	18	
Max. fuse	A	20	
Compressor	Model	KSN140D58UFZ	
	Type	ROTARY	
	Brand	GMCC	
	Capacity	Btu/h	14.72
	Input	W	1.09
	Rated current (RLA)	A	10
	Refrigerant oil	oz	VG74 14.9
Outdoor fan motor	Qty	1	
	Input	W	80
	RLA	A	0.9
	Speed	r/min	780/700/550
Outdoor air flow (Max)	CFM	1,765.8	
Outdoor noise level (Max)	dB(A)	57	
Throttle type	EXV+Throttle valve		
Outdoor unit	Dimensions (WxDxH)	inch	35.04 x 13.46 x 26.5
	Packing (WxDxH)	inch	39.17 x 15.67 x 29.13
	Net/Gross weight	lbs	92.59/100.31
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"/1/2"
	Max. pipe length	ft	98.4
	Max. difference in level	ft	65.6
Ambient temperature	Cooling	F	-13 ~ 122
	Heating	F	-13~75

