

Job Name: _____

Location: _____

Engineer: _____

Submitted to: _____

Submitted by: _____

Reference: _____

Date: _____

Approval: _____

Construction: _____

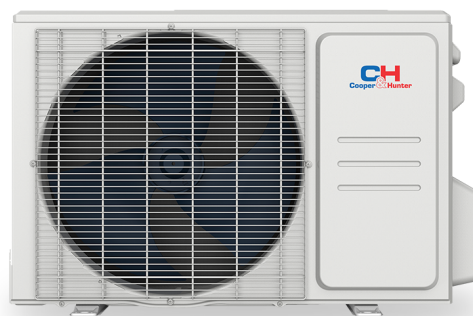
Unit #: _____

Drawing #: _____

KEY FEATURES:

- Auto restart
- Quiet operation
- Multiple fan speeds
- Auxiliary heater
- Adjustable static pressure
- Multi position
- Fast cool/heat function
- Aluminium coil
- WIFI ready
- Refrigerant leak detect

NOTES:



Indoor Model			CH-RS18MAHU
Power supply		V, Ph, Hz	208-230V, 1Ph, 60Hz
Communication wiring			AWG 14-4
Cooling	Capacity	Btu/h	18,000 (5,600~20,400)
	Input	W	1,475 (470~1,850)
	Rated current	A	6.7 (3.1~8.5)
	EER/EER2	Btu/w	12.1
	SEER/SEER2	Btu/w	18.5
Heating at 47 °F	Capacity	Btu/h	18,000(5,500~21,800)
	Input	W	1,465 (325~1,800)
	Rated current	A	6.7 (1.8~8.5)
	COP	W/W	3.6
	HSPF4/HSPF2-4		9.8
	HSPF5/HSPF2-5		7.7
Indoor fan motor		Qty	1
		Input (W)	250
		RLA (A)	2.3
Indoor air flow (Turbo/Hi/Med/Lo) (No duct)		CFM	618.0 / 576.8 / 529.7 / 488.5
ESP (range)		ln.wg.	0-0.8
Indoor noise level (Hi/Med/Lo)		dB(A)	42/39.5/33
Dehumidification		Pnt/H	3.59
Indoor unit	Dimensions (WxDxH)	inch	17.52 x21.02 x 45
	Packing (WxDxH)	inch	20.87 x 26.57 x 48.62
	Net/Gross weight	lbs	104.72/125.66
Drainage water pipe diameter		inch	3/4"
Refrigerant piping (Liquid side/Gas side)		inch	1/4"/1/2"
Design pressure		PSIG	550/340
Controller			wire controller + remote controller available
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	14,720
	Input	W	1,090
	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)	56.5
Throttle type			EXV+Throttle valve
Outdoor unit	Dimensions (WxDxH)	inch	35.04 x 13.46 x 26.50
	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

