

Job Name:

Location:

Engineer:

Submitted to:

Submitted by:

Reference:

Date:

Approval:

Construction:

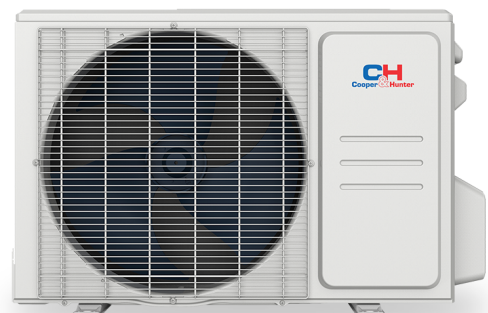
Unit #:

Drawing #:

KEY FEATURES:

- Humidity Sensor
- GoldFin Anti-Corrosive Coating
- Multiple Fan Speeds
- Fresh Air Intake
- Omni-Directional Airflow
- Smart-Kit Bult-in on Wall Thermostat
- Inverter technology

NOTES:



Indoor Model			CH-RH18MCT
Power supply		V, Ph, Hz	208-230V, 1Ph, 60Hz
Communication wiring			AWG 14-4
Cooling	Capacity	Btu/h	16,800 (5,300~17,800)
	Input	w	1,344 (490~1,620)
	Rated current	A	6.1 (2.2~7.1)
	EER/EER2	Btu/w	12.5
	SEER/SEER2	Btu/w	20.7
Heating at 47 °F	Capacity	Btu/h	18,000 (7,100~21,500)
	Input	W	1,570 (395~1,930)
	Rated current	A	7.2 (2.1~8.5)
	COP	W/W	3.36
	HSPF4/HSPF2-4		11.4
	HSPF5/HSPF2-5		8.5
Indoor fan motor		Qty	1
		Input	45
		RLA	1
Indoor air flow (Turbo/Hi/Med/Lo) (No duct)		CFM	447.3 / 388.5 / 317.8 / 194.2
ESP (range)		ln.wg.	/
Indoor noise level (Hi/Med/Lo)		dB(A)	44/41/28.5
Dehumidification		L/H	4.33
Indoor unit	Dimensions (WxDxH)	inch	22.44 x 22.44 x 9.65
	Packing (WxDxH)	inch	28.15 x 25.20 x 11.61
	Net/Gross weight	lbs	35.27/41.89
Drainage water pipe diameter		inch	1"
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)	57.5
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	inch	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

