

Job Name:

Location:

Engineer:

Submitted to:

Submitted by:

Reference:

Date:

Approval:

Construction:

Unit #:

Drawing #:

KEY FEATURES:

- Refrigerant Sensor
- 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-RSH09-12MCT
Power supply		V, Ph, Hz	208-230V, 1Ph, 60Hz
Communication wiring			AWG 14-4
Cooling	Capacity	Btu/h	12,000 (3,800~15,100)
	Input	w	945 (210~1,260)
	Rated current	A	4.6 (1.5~5.6)
	EER/EER2	Btu/w	12.5
	SEER/SEER2	Btu/w	22.2
Heating at 47 °F	Capacity	Btu/h	12,000 (5,300~16,200)
	Input	W	951 (285~1,330)
	Rated current	A	4.4 (1.5~5.9)
	COP	W/W	3.7
	HSPF4/HSPF2-4		11.6
	HSPF5/HSPF2-5		8.9
Indoor fan motor		Qty	1
		Input	45
		RLA	0.9
Indoor air flow (Turbo/Hi/Med/Lo) (No duct)		CFM	417.9 / 364.9 / 306.1 / 194.2
ESP (range)		ln.wg.	/
Indoor noise level (Hi/Med/Lo)		dB(A)	43.5/40.5/27.5
Dehumidification		L/H	3.07
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"/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-RHP12-230VO
Power supply		V, Ph, Hz	208-230V, 1Ph, 60Hz
Min. circuit ampacity		A	15
Max. fuse		A	15
Compressor	Model		KTN110D42UFZ
	Type		ROTARY
	Brand		GMCC
	Capacity	Btu/h	11,820
	Input	w	885
	Rated current (RLA)	A	11.6
	Refrigerant oil	oz	VG74 11.8
Outdoor fan motor	Qty		1
	Input	w	34
	RLA	A	0.5
	Speed	r/min	780/680/580
Outdoor air flow (Max)		CFM	1,471.5
Outdoor noise level (Max)		dB(A)	57
Throttle type			EXV
Outdoor unit	Dimensions (WxDxH)	inch	31.69 x 12.99 x 21.81
	Packing (WxDxH)	inch	36.02 x 14.57 x 24.21
	Net/Gross weight	inch	72.75/78.70
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	-22 ~ 122
	Heating	F	-22~75



