

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-RSH18MCT
Power supply		V, Ph, Hz	208-230V, 1Ph, 60Hz
Communication wiring			AWG 14-4
Cooling	Capacity	Btu/h	16,000 (7,000~18,500)
	Input	w	1,280 (320~1,640)
	Rated current	A	8 (2.3~7.2)
	EER/EER2	Btu/w	12.5
	SEER/SEER2	Btu/w	20
Heating at 47 °F	Capacity	Btu/h	19,000 (8,700~20,000)
	Input	W	1,750 (500~1,950)
	Rated current	A	11 (3.5~12)
	COP	W/W	3.18
	HSPF4/HSPF2-4		12.3
	HSPF5/HSPF2-5		9.5
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)	44.5/41/27.5
Dehumidification		L/H	4.23
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-RHP18-230VO
Power supply		V, Ph, Hz	208-230V, 1Ph, 60Hz
Min. circuit ampacity		A	19
Max. fuse		A	20
Compressor	Model		KTM240D46UKT2
	Type		ROTARY
	Brand		GMCC
	Capacity	Btu/h	25,930
	Input	w	2,045
	Rated current (RLA)	A	11.7
	Refrigerant oil	oz	VG74 21
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 26.50
	Packing (WxDxH)	inch	39.17 x 15.67 x 29.13
	Net/Gross weight	inch	99.87/107.80
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	-22 ~ 122
	Heating	F	-22~75



