

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-RH48LCCT
Power supply		V, Ph, Hz	208-230V, 1Ph, 60Hz
Communication wiring			AWG 14-3
Cooling	Capacity	Btu/h	48,000 (4,900~52,700)
	Input	W	4,800 (710~5,750)
	Rated current	A	21 (5.1~25.1)
	EER/EER2	Btu/w	10
	SEER/SEER2	Btu/w	18
Heating at 47 °F	Capacity	Btu/h	53,000 (19,000~57,400)
	Input	W	5,027 (1,135~5,660)
	Rated current	A	22 (6.2~24.7)
	COP	W/W	3.09
	HSPF4/HSPF2-4		11
	HSPF5/HSPF2-5		8.8
Indoor fan motor		Qty	1
		Input (W)	125
		RLA (A)	1
Indoor air flow (Turbo/Hi/Med/Lo) (No duct)		CFM	1,236.1 / 1,124.2 / 1,018.3 / 800.5
ESP (range)		In.wg.	/
Indoor noise level (Hi/Med/Lo)		dB(A)	52/49.5/41.5
Dehumidification		Pnt/H	12.96
Indoor unit	Dimensions (WxDxH)	inch	32.68 x 32.68 x 11.30
	Packing (WxDxH)	inch	35.83 x 35.83 x 12.99
	Net/Gross weight	lbs	64.59/76.06
Drainage water pipe diameter		inch	1"
Refrigerant piping (Liquid side/Gas side)		inch	3/8"/3/4"
Design pressure		PSIG	550/340
Controller			wire controller + remote controller available
Room temperature	Cooling	F	60~90
	Heating	F	32~86

Outdoor Model			CH-RHP48LCU-230VO
Power supply		V, Ph, Hz	208-230V, 1Ph, 60Hz
Min. circuit ampacity		A	44
Max. fuse		A	45
Compressor	Model		EKPQ420D1UMUA
	Type		TWIN-ROTARY
	Brand		GMCC
	Capacity	Btu/h	40,940
	Input	W	3,265
	Rated current (RLA)	A	27
	Refrigerant oil	oz	VG75 49.4
Outdoor fan motor	Qty		2
	Input	W	85
	RLA	A	1.2
	Speed	r/min	850/750/650
Outdoor air flow (Max)		CFM	4,237.9
Outdoor noise level (Max)		dB(A)	62.5
Throttle type			EXV+Throttle valve
Outdoor unit	Dimensions (WxDxH)	inch	37.48 x 16.34 x 52.48
	Packing (WxDxH)	inch	43.11 x 19.49 x 57.48
	Net/Gross weight	lbs	208.78/239.86
Refrigerant	Type		R454B
	Precharge	ft	25
Additional charge for 1/4 inch liquid pipe		oz	/
Additional charge for 3/8 inch liquid pipe		oz	0.32
Refrigerant piping	Liquid side/Gas side	inch	3/8"/3/4"
	Max. pipe length	ft	246
	Max. difference in level	ft	98.4
Ambient temperature	Cooling	F	-22 ~ 122
	Heating	F	-22~75



