

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-RS48LCAHU
Power supply		V, Ph, Hz	115V / 208-230V, 1Ph, 60Hz
Communication wiring			AWG 20-2
Cooling	Capacity	Btu/h	48,000 (7,300~55,500)
	Input	W	4,752 (1,360~6,250)
	Rated current	A	22 (4.7~27.5)
	EER/EER2	Btu/w	10
	SEER/SEER2	Btu/w	17
Heating at 47 °F	Capacity	Btu/h	50,000(9,500~65,000)
	Input	W	4,186 (720~5,450)
	Rated current	A	19 (5.2~24)
	COP	W/W	3.5
	HSPF4/HSPF2-4		10.2
	HSPF5/HSPF2-5		8.1
Indoor fan motor		Qty	1
		Input (W)	750
		RLA (A)	7.8
Indoor air flow (Turbo/Hi/Med/Lo) (No duct)		CFM	1,601 / 1,471.5 / 1,283.1 / 1,094.8
ESP (range)		In.wg.	0-0.8
Indoor noise level (Hi/Med/Lo)		dB(A)	54.5/51/48
Dehumidification		Pnt/H	10.23
Indoor unit	Dimensions (WxDxH)	inch	24.49 x21.02 x 52.99
	Packing (WxDxH)	inch	27.95 x 26.77 x 56.50
	Net/Gross weight	lbs	161.82/191.58
Drainage water pipe diameter		inch	3/4"
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)	65
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



