

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	208-230V, 1Ph, 60Hz
Communication wiring			AWG 20-2
Cooling	Capacity	Btu/h	48,000 (9,500~52,000)
	Input	W	4,706 (1,300~6,050)
	Rated current	A	21.5 (4.65~27)
	EER/EER2	Btu/w	10
	SEER/SEER2	Btu/w	17.7
Heating at 47 °F	Capacity	Btu/h	50,000(11,700~60,000)
	Input	W	4,605 (705~5,470)
	Rated current	A	22 (4.95~24.25)
	COP	W/W	3.5
	HSPF4/HSPF2-4		10
	HSPF5/HSPF2-5		7.7
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)	54/51/48
Dehumidification		Pnt/H	9.83
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-R48LCU-230VO
Power supply		V, Ph, Hz	208-230V, 1Ph, 60Hz
Min. circuit ampacity		A	39
Max. fuse		A	40
Compressor	Model		KTQ420D1UMU
	Type		ROTARY
	Brand		GMCC
	Capacity	Btu/h	46,740
	Input	W	3,700
	Rated current (RLA)	A	24
	Refrigerant oil	oz	VG74 33.8
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	-13 ~ 122
	Heating	F	-13~75



