

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-RS36LCAHU
Power supply		V, Ph, Hz	115V / 208-230V, 1Ph, 60Hz
Communication wiring			AWG 20-2
Cooling	Capacity	Btu/h	36,000 (8,900~38,200)
	Input	W	4,002 (770~4,320)
	Rated current	A	17.4 (3.3~19)
	EER/EER2	Btu/w	9
	SEER/SEER2	Btu/w	15.8
Heating at 47 °F	Capacity	Btu/h	38,000(6,400~43,000)
	Input	W	3,312 (435~3,780)
	Rated current	A	14.4 (2.4~16.6)
	COP	W/W	3.36
	HSPF4/HSPF2-4		9.3
	HSPF5/HSPF2-5		7.3
Indoor fan motor		Qty	1
		Input (W)	375
		RLA (A)	4.5
Indoor air flow (Turbo/Hi/Med/Lo) (No duct)		CFM	1,189 / 1,083 / 971.2 / 865.2
ESP (range)		In.wg.	0-0.8
Indoor noise level (Hi/Med/Lo)		dB(A)	47/42/31
Dehumidification		Pnt/H	8.3
Indoor unit	Dimensions (WxDxH)	inch	21.02 x 21.02 x 49.02
	Packing (WxDxH)	inch	24.41 x 26.57 x 52.56
	Net/Gross weight	lbs	127.87/152.78
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-R36LCU-230VO
Power supply		V, Ph, Hz	208-230V, 1Ph, 60Hz
Min. circuit ampacity		A	33
Max. fuse		A	35
Compressor	Model		KTF310D43UMT
	Type		ROTARY
	Brand		GMCC
	Capacity	Btu/h	34,150
	Input	W	2,765
	Rated current (RLA)	A	21.5
	Refrigerant oil	oz	VG74 33.8
Outdoor fan motor	Qty		1
	Input	W	250
	RLA	A	1.4
	Speed	r/min	950/800/500
Outdoor air flow (Max)		CFM	2,413.3
Outdoor noise level (Max)		dB(A)	62.5
Throttle type			EXV+Throttle valve
Outdoor unit	Dimensions (WxDxH)	inch	37.24 x 16.14 x 31.89
	Packing (WxDxH)	inch	42.91 x 19.68 x 34.84
	Net/Gross weight	lbs	152.34/162.48
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



