

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-RS30MAHU
Power supply		V, Ph, Hz	208-230V, 1Ph, 60Hz
Communication wiring			AWG 14-4
Cooling	Capacity	Btu/h	30,000 (9,200~34,000)
	Input	W	2,730 (300~3,400)
	Rated current	A	12.5 (2.51~15)
	EER/EER2	Btu/w	11
	SEER/SEER2	Btu/w	17
Heating at 47 °F	Capacity	Btu/h	30,000(8,500~33,000)
	Input	W	2,440 (370~2,700)
	Rated current	A	11.2 (2.92~11.9)
	COP	W/W	3.6
	HSPF4/HSPF2-4		8.7
	HSPF5/HSPF2-5		7
Indoor fan motor		Qty	1
		Input (W)	375
		RLA (A)	4.5
Indoor air flow (Turbo/Hi/Med/Lo) (No duct)		CFM	988.8 / 894.7 / 806.4 / 712.2
ESP (range)		In.wg.	0-0.8
Indoor noise level (Hi/Med/Lo)		dB(A)	44/41/26
Dehumidification		Pnt/H	7.4
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	127.43/151.68
Drainage water pipe diameter		inch	3/4"
Refrigerant piping (Liquid side/Gas side)		inch	3/8"/5/8"
Design pressure		PSIG	550/340
Controller			wire controller + remote controller available
Room temperature	Cooling	F	60~90
	Heating	F	32~86

Outdoor Model			CH-REL30-230VO
Power supply		V, Ph, Hz	208-230V, 1Ph, 60Hz
Min. circuit ampacity		A	28
Max. fuse		A	30
Compressor	Model		KTF250D22UMT
	Type		ROTARY
	Brand		GMCC
	Capacity	Btu/h	27,620
	Input	W	2,200
	Rated current (RLA)	A	17.5
	Refrigerant oil	oz	VG74 22.7
Outdoor fan motor	Qty		1
	Input	W	120
	RLA	A	1.3
	Speed	r/min	900/700/500
Outdoor air flow (Max)		CFM	2,236.7
Outdoor noise level (Max)		dB(A)	61
Throttle type			EXV+Capillary
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	142.86/154.54
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"/5/8"
	Max. pipe length	ft	164
	Max. difference in level	ft	82
Ambient temperature	Cooling	F	-13 ~ 122
	Heating	F	-13~75



