

Job Name: _____
Location: _____
Engineer: _____
Submitted to: _____
Submitted by: _____
Reference: _____

Date: _____
Approval: _____
Construction: _____
Unit #: _____
Drawing #: _____



Performance and efficiency

Cooling		Heating	
36,000 (5,700~36,400)		38,000(9,500~44,000)	
SEER/SEER2	17.2/17.2	COP	3.39
EER/EER2	11.7/11.7	HSPF4/HSPF2-4	9.5
		HSPF5/HSPF2-5	8

Operational temperature

Indoor		Outdoor	
Cooling	Heating	Cooling	Heating
60~90	32~86	-22 ~ 122	-22~75



This warranty should be registered on our website www.cooperandhunter.us within 60 days of installation. The warranty is only valid when installed by a Licensed HVAC Technician. A warranty period of Seven (7) years on compressor to the original registered end-user. A warranty period of Five (5) years on all parts to the original registered end-user. Warranty applies only to products remaining in their original installation location.

INDOOR UNIT FEATURES:

- ◆ Auto restart function
- ◆ Quiet operation
- ◆ Multiple fan speeds
- ◆ Auxiliary heater
- ◆ Turbo mode
- ◆ Adjustable static pressure
- ◆ Multi position
- ◆ Anti-cold air function
- ◆ Fast cool/heat function
- ◆ Aluminium coil
- ◆ WIFI ready
- ◆ Intelligent air flow
- ◆ Refrigerant leak detect
- ◆ Sleep mode
- ◆ Gold fin

OUTDOOR UNIT FEATURES:

- ◆ Inverter technology
- ◆ Variable speed (fan motor & compressor)
- ◆ Heating operation in temperatures to -13 °F
- ◆ 3-Minute restart delay
- ◆ Self-diagnosis
- ◆ Drain pan heater and compressor heating belt
- ◆ Auto restart function
- ◆ Defrost
- ◆ High-efficiency pipes
- ◆ High-frequency racer technology
- ◆ Intelligent dusting switch
- ◆ Gold fin

INCLUDED ACCESSORIES:

- ◆ Wireless remote
- ◆ Wall thermostat

Indoor Model		CH-RS36LCAHU	
Power supply		V, Ph, Hz	208-230V, 1Ph, 60Hz
Voltage range		V	187-253
Connection wiring			AWG 20-2
Cooling	Capacity	Btu/h	36,000 (5,700~36,400)
	Input	w	3,080 (660~3,800)
	Rated current	A	13.4 (4.8~17)
	EER/EER2	Btu/w	11.7 / 11.7
	SEER/SEER2	Btu/w	17.2 / 17.2
Heating at 47 °F	Capacity	Btu/h	38,000(9,500~44,000)
	Input	kW	3,289 (810~4,160)
	Rated current	A	14.3 (4.4~18.5)
	COP	W/W	3.39
	HSPF4/HSPF2-4	Btu/w	9.5
	HSPF5/HSPF2-5	Btu/w	8
Min. circuit ampacity		A	6
Max. fuse		A	15
Indoor fan motor	Qty		1
	Output	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	ln.wg.	0-0.8
Indoor noise level (Hi/Med/Lo)		dB(A)	47/42/30.5
Dehumidification		pnt/h	7.59
Indoor unit	Dimensions (WxDxH)	in	21.02 x 21.02 x 49.02
	Packing (WxDxH)	in	24.41 x 26.57 x52.56
	Net/Gross weight	lbs	127.87/152.78
Drainage water pipe diameter		in	3/4"
Refrigerant piping	Liquid side/Gas side	in	3/8"/3/4"
Controller			wire controller + remote controller available
Room temperature	Cooling	F	60~90
	Heating	F	32~86

Outdoor Model		CH-RHP36LCU-230VO	
Power supply		V, Ph, Hz	187-253
Min. circuit ampacity		A	38
Max. fuse		A	40
Compressor	Model		EKPQ420D1UMUA
	Type		TWIN-ROTARY
	Brand		GMCC
	Capacity	Btu/h	40,940
	Input	W	3,265
	Refrigerant oil	oz	VG75 49.4
Outdoor fan motor	Qty		1
	Output	W	250
	RLA	A	2.1
	Speed	r/min	750/650/550
Outdoor air flow (Max)		CFM	3,001.9
Outdoor noise level (Max)		dB(A)	65.5
Outdoor unit	Dimensions (WxDxH)	in	38.58 x 16.34 x 38.39
	Packing (WxDxH)	in	45.08 x 19.68 x 42.52
	Net/Gross weight	lbs	206.57/237.44
Refrigerant	Type/Quantity	oz	R454B / 126.99
Refrigerant precharge		ft	25
Additional charge for each ft		oz	0.32
Refrigerant piping	Liquid side/Gas side	in	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



