

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

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



Performance and efficiency

Cooling		Heating	
48,000(13,000~51,900)		55,000(16,000~58,000)	
SEER2	15.3	COP	2.94
EER2	8.2	HSPF4/HSPF2-4	9.2
		HSPF5/HSPF2-5	7.2

Operational temperature

Indoor		Outdoor	
Cooling	Heating	Cooling	Heating
60~90	32~86	5~122	-13~75



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:

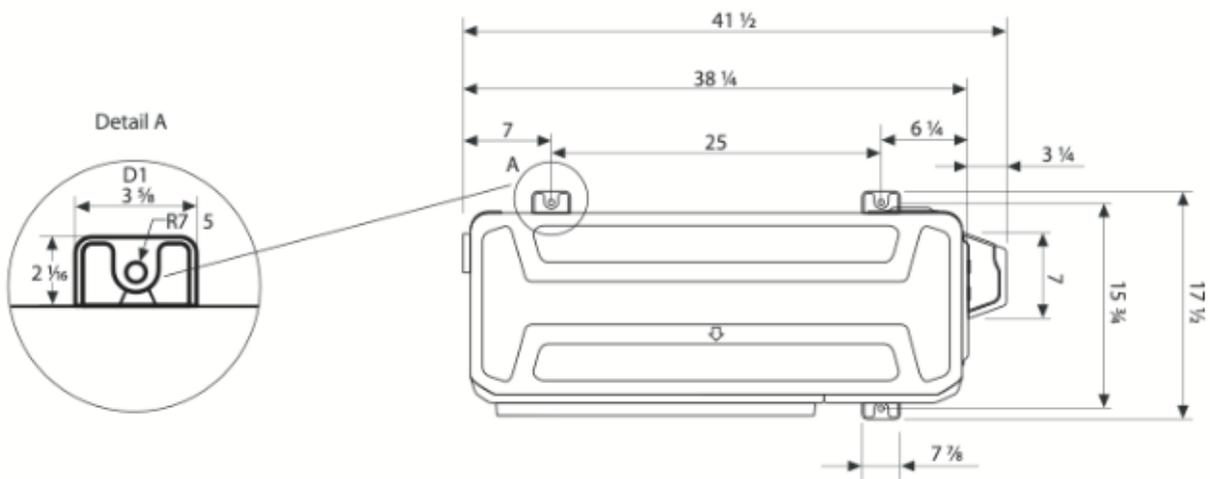
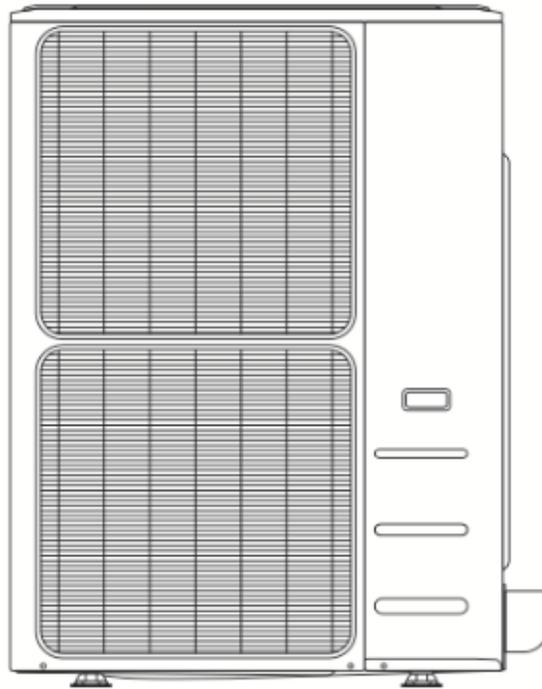
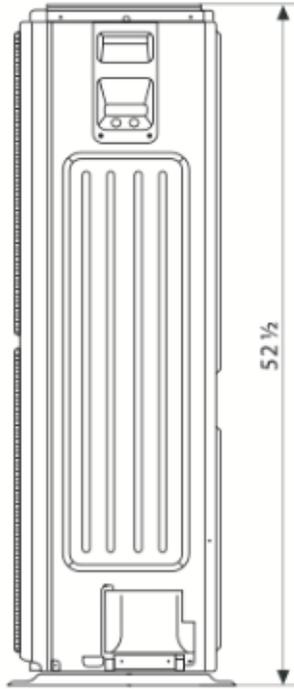
- ◆ Inverter technology
- ◆ Variable speed (fan motor & compressor)
- ◆ Heating operation in temperatures to -13 °F
- ◆ 3-Minute restart delay
- ◆ Self-diagnosis
- ◆ Drain pan heater and compressor heating belt
- ◆ Auto restart function
- ◆ Defrost
- ◆ High-efficiency pipes
- ◆ High-frequency racer technology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

INCLUDED ACCESSORIES:

- ◆ Wireless remote
- ◆ Wall thermostat

Indoor Model		CH-N48LCU-230VO + CH-48AHU	
Power supply		V, Ph, Hz	208-230V, 1Ph, 60Hz
Voltage range		V	187-253
Connection wiring			
Cooling	Capacity	Btu/h	48,000(13,000~51,900)
	Input	w	5,860(580~6,080)
	Rated current	A	25.7(4.5~26.8)
	EER/EER2	Btu/w	8.2
	SEER/SEER2	Btu/w	15.3
Heating at 47 °F	Capacity	Btu/h	55,000(16,000~58,000)
	Input	kW	5,480(780~5,950)
	Rated current	A	24.10(5.5~26.20)
	COP	W/W	2.94
	HSPF4/HSPF2-4	Btu/w	9.2
	HSPF5/HSPF2-5	Btu/w	7.2
Min. circuit ampacity		A	7.5
Max. fuse		A	15
Indoor fan motor	Qty		1
	Input	w	560
	RLA	A	6
Indoor air flow (Turbo/Hi/Med/Lo) (No duct)		CFM	1,470.59/1,282.35/1,094.12/905.88
ESP	Range	ln.wg.	
Indoor noise level (Hi/Med/Lo)		dB(A)	49.5/46.5/43.5
Dehumidification		pnt/h	
Indoor unit	Dimensions (WxDxH)	in	21.02x21.02x49.02
	Packing (WxDxH)	in	26.57x24.41x52.56
	Net/Gross weight	lbs	132.50/155.87
Drainage water pipe diameter		in	1"
Refrigerant piping	Liquid side/Gas side	in	3/8"/5/8"
Controller			RG10D-standard remote&120X or 120N wire controller
Room temperature	Cooling	F	60~90
	Heating	F	32~86

Outdoor Model		CH-N48LCU-230VO	
Power supply	V, Ph, Hz	187-253	
Min. circuit ampacity	A	36.5	
Max. fuse	A	50	
Compressor	Model	KTQ420D1UMU	
	Type	ROTARY	
	Brand	GMCC	
	Capacity	Btu/h	46,740
	Input	W	3,700
	Refrigerant oil	oz	VG74 47.3
Outdoor fan motor	Qty	2	
	Input	W	126
	RLA	A	1.2
	Speed	r/min	850/750/650/550
Outdoor air flow (Max)	CFM	4,500	
Outdoor noise level (Max)	dB(A)	62.5	
Outdoor unit	Dimensions (WxDxH)	in	37.48x16.34x52.48
	Packing (WxDxH)	in	43.11x19.49x58.27
	Net/Gross weight	in	219.14/249.12
Refrigerant	Type/Quantity	oz	R410A
Refrigerant precharge		ft	25
Additional charge for each ft		oz	
Refrigerant piping	Liquid side/Gas side	in	3/8"/5/8"
	Max. pipe length	ft	213.25
	Max. difference in level	ft	98.42
Ambient temperature	Cooling	F	5~122
	Heating	F	-13~75



Unit: inc

