

Job Name:

Location:

Engineer:

Submitted to:

Submitted by:

Reference:

Date:

Approval:

Construction:

Unit #:

Drawing #:



## Performance and efficiency

Cooling		Heating	
18,000 (6,000~20,400)		19,500(5,000~21,600)	
SEER/SEER2	18/18	COP	3.64
EER/EER2	12/12	HSPF4/HSPF2-4	10
		HSPF5/HSPF2-5	8.3

## 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](http://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:

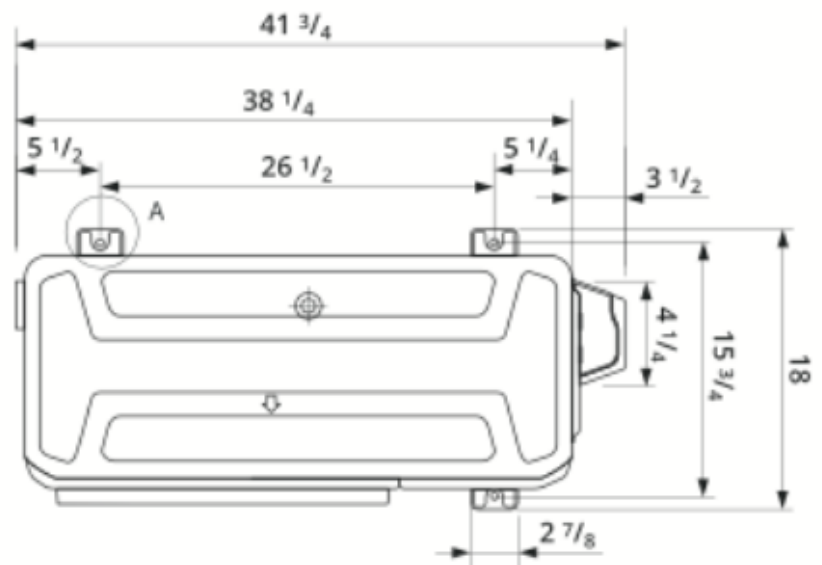
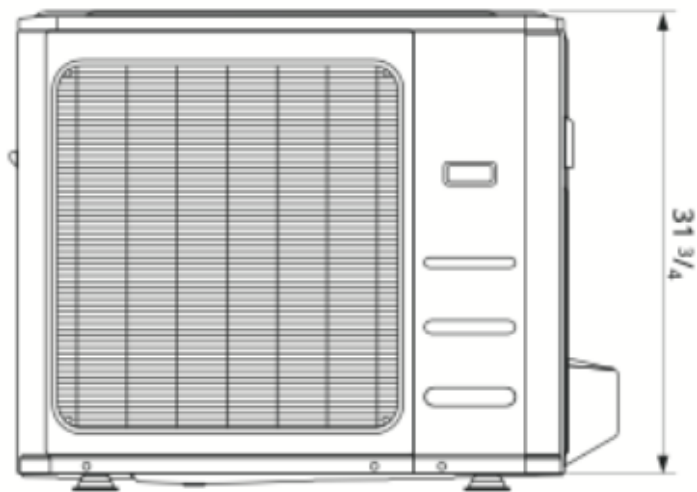
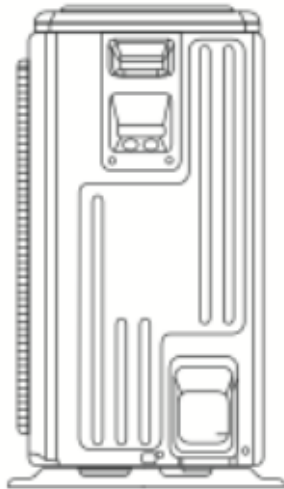
- ♦ Inverter technology
- ♦ Variable speed (fan motor & compressor)
- ♦ Heating operation in temperatures to -22 °F
- ♦ 3-Minute restart delay
- ♦ Self-diagnosis
- ♦ Drain pan heater and compressor heating belt
- ♦ Auto restart function
- ♦ Defrost
- ♦ High-efficiency pipes
- ♦ High-frequency racer technology
- ♦ Intelligent dusting switch
- ♦ Gold fin

## INCLUDED ACCESSORIES:

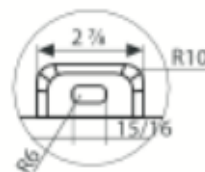
- ♦ Wireless remote
- ♦ Wall thermostat 120N

Indoor Model			CH-RS18MAHU
Power supply		V, Ph, Hz	208-230V, 1Ph, 60Hz
Voltage range		V	187-253
Connection wiring			AWG 14-4
Cooling	Capacity	Btu/h	18,000 (6,000~20,400)
	Input	w	1,500 (250~1,900)
	Rated current	A	9.1 (2~8.5)
	EER/EER2	Btu/w	12 / 12
	SEER/SEER2	Btu/w	18 / 18
Heating at 47 °F	Capacity	Btu/h	19,500(5,000~21,600)
	Input	kW	1,570 (300~1,920)
	Rated current	A	9.5 (2.5~8.0)
	COP	W/W	3.64
	HSPF4/HSPF2-4	Btu/w	10
	HSPF5/HSPF2-5	Btu/w	8.3
Min. circuit ampacity		A	3.5
Max. fuse		A	15
Indoor fan motor	Qty		1
	Output	w	250
	RLA	A	2.3
Indoor air flow (Turbo/Hi/Med/Lo) (No duct)		CFM	618.0 / 576.8 / 529.7 / 488.5
ESP	Range	ln.wg.	0-0.8
Indoor noise level (Hi/Med/Lo)		dB(A)	42.5/37.5/30
Dehumidification		pnt/h	3.57
Indoor unit	Dimensions (WxDxH)	in	17.52 x21.02 x 45
	Packing (WxDxH)	in	20.87 x 26.57 x 48.62
	Net/Gross weight	lbs	104.72/125.66
Drainage water pipe diameter		in	3/4"
Refrigerant piping	Liquid side/Gas side	in	1/4"/1/2"
Controller			wire controller + remote controller available
Room temperature	Cooling	F	60~90
	Heating	F	32~86

Outdoor Model			CH-RHP18-230VO
Power supply		V, Ph, Hz	187-253
Min. circuit ampacity		A	19
Max. fuse		A	20
Compressor	Model		KTM240D46UKT2
	Type		ROTARY
	Brand		GMCC
	Capacity	Btu/h	25,930
	Input	W	2,045
	Refrigerant oil	oz	VG74 21
Outdoor fan motor	Qty		1
	Output	W	80
	RLA	A	0.9
	Speed	r/min	780/700/550
Outdoor air flow (Max)		CFM	1,765.8
Outdoor noise level (Max)		dB(A)	59
Outdoor unit	Dimensions (WxDxH)	in	35.04 x 13.46 x 26.50
	Packing (WxDxH)	in	39.17 x 15.67 x 29.13
	Net/Gross weight	lbs	99.87/107.80
Refrigerant	Type/Quantity	oz	R454B / 55.38
Refrigerant precharge		ft	25
Additional charge for each ft		oz	/
Refrigerant piping	Liquid side/Gas side	in	1/4"/1/2"
	Max. pipe length	ft	98.4
	Max. difference in level	ft	65.6
Ambient temperature	Cooling	F	-22 ~ 122
	Heating	F	-22~75



**DETAIL A**  
**SCALE 1:1**



Unit: inc

