

Job Name: _____

Location: _____

Engineer: _____

Submitted to: _____

Submitted by: _____

Reference: _____

Date: _____

Approval: _____

Construction: _____

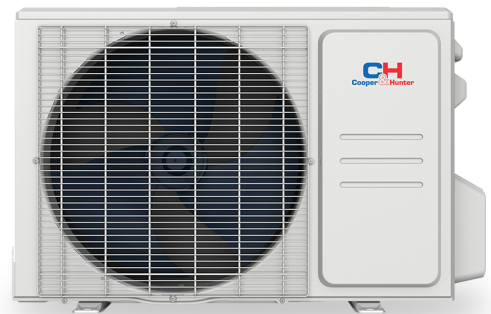
Unit #: _____

Drawing #: _____

KEY FEATURES:

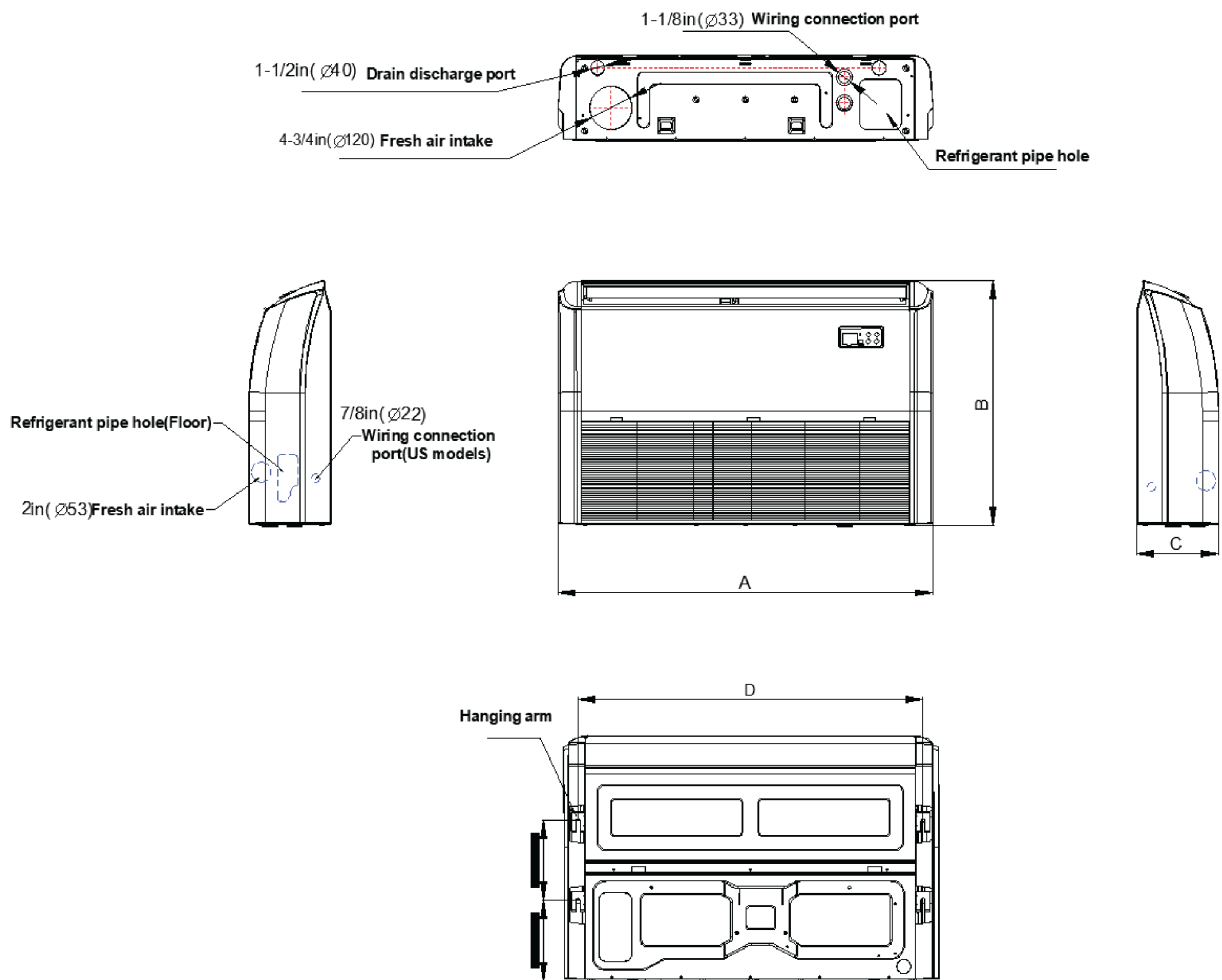
- Refrigerant Sensor
- Humidity Sensor
- GoldFin Anti-Corrosive Coating
- Multiple Fan Speeds
- Easy service
- TU1 Cooper Coil
- Can be applied horizontally from the ceiling or vertically on a wall
- Inverter technology

NOTES:



Indoor Model			CH-RSH18MFC
Power supply		V, Ph, Hz	208-230V, 1Ph, 60Hz
Communication wiring			AWG 14-4
Cooling	Capacity	Btu/h	18,000 (7,000~19,300)
	Input	w	1,440 (570~1,680)
	Rated current	A	6.4 (2.7~7.4)
	EER/EER2	Btu/w	
	SEER/SEER2	Btu/w	
Heating at 47 °F	Capacity	Btu/h	18,000 (7,200~22,200)
	Input	W	1,599 (415~1,990)
	Rated current	A	7.2 (2.3~8.7)
	COP	W/W	3.3
	HSPF4/HSPF2-4		10.4
	HSPF5/HSPF2-5		8
Indoor fan motor		Qty	1
		Input	90
		RLA	1
Indoor air flow (Turbo/Hi/Med/Lo) (No duct)		CFM	576.8 / 547.4 / 485.6 / 420.8
ESP (range)		ln.wg.	/
Indoor noise level (Hi/Med/Lo)		dB(A)	43/40/32
Dehumidification		L/H	4.44
Indoor unit	Dimensions (WxDxH)	inch	42.05 x 26.57 x 9.25
	Packing (WxDxH)	inch	45.08 x 29.72 x 12.52
	Net/Gross weight	lbs	58.42/70.55
Drainage water pipe diameter		inch	1"
Refrigerant piping (Liquid side/Gas side)		inch	1/4"/1/2"
Design pressure		PSIG	550/340
Controller			remote controller
Room temperature	Cooling	F	60~90
	Heating	F	32~86

Outdoor Model		CH-RES18-230VO	
Power supply	V, Ph, Hz	208-230V, 1Ph, 60Hz	
Min. circuit ampacity	A	18	
Max. fuse	A	20	
Compressor	Model	KSN140D58UFZ	
	Type	ROTARY	
	Brand	GMCC	
	Capacity	Btu/h	14.72
	Input	w	1.09
	Rated current (RLA)	A	10
	Refrigerant oil	oz	VG74 14.9
Outdoor fan motor	Qty	1	
	Input	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)	57	
Throttle type		EXV+Throttle valve	
Outdoor unit	Dimensions (WxDxH)	inch	35.04 x 13.46 x 26.5
	Packing (WxDxH)	inch	39.17 x 15.67 x 29.13
	Net/Gross weight	inch	92.59/100.31
Refrigerant	Type	R454B	
	Precharge	ft	25
Additional charge for 1/4 inch liquid pipe		oz	0.16
Additional charge for 3/8 inch liquid pipe		oz	/
Refrigerant piping	Liquid side/Gas side	inch	1/4"/1/2"
	Max. pipe length	ft	98.4
	Max. difference in level	ft	65.6
Ambient temperature	Cooling	F	-13 ~ 122
	Heating	F	-13~75



Model	A	B	C	D
18K/24K	42in(1068mm)	26-1/2in(675mm)	9-1/4in(235mm)	38-3/4in(983mm)
36K/48K/60K	65in(1650mm)	26-1/2in(675mm)	9-1/4in(235mm)	61-5/8in(1565mm)

