

Job Name: _____

Location: _____

Engineer: _____

Submitted to: _____

Submitted by: _____

Reference: _____

Date: _____

Approval: _____

Construction: _____

Unit #: _____

Drawing #: _____

KEY FEATURES:

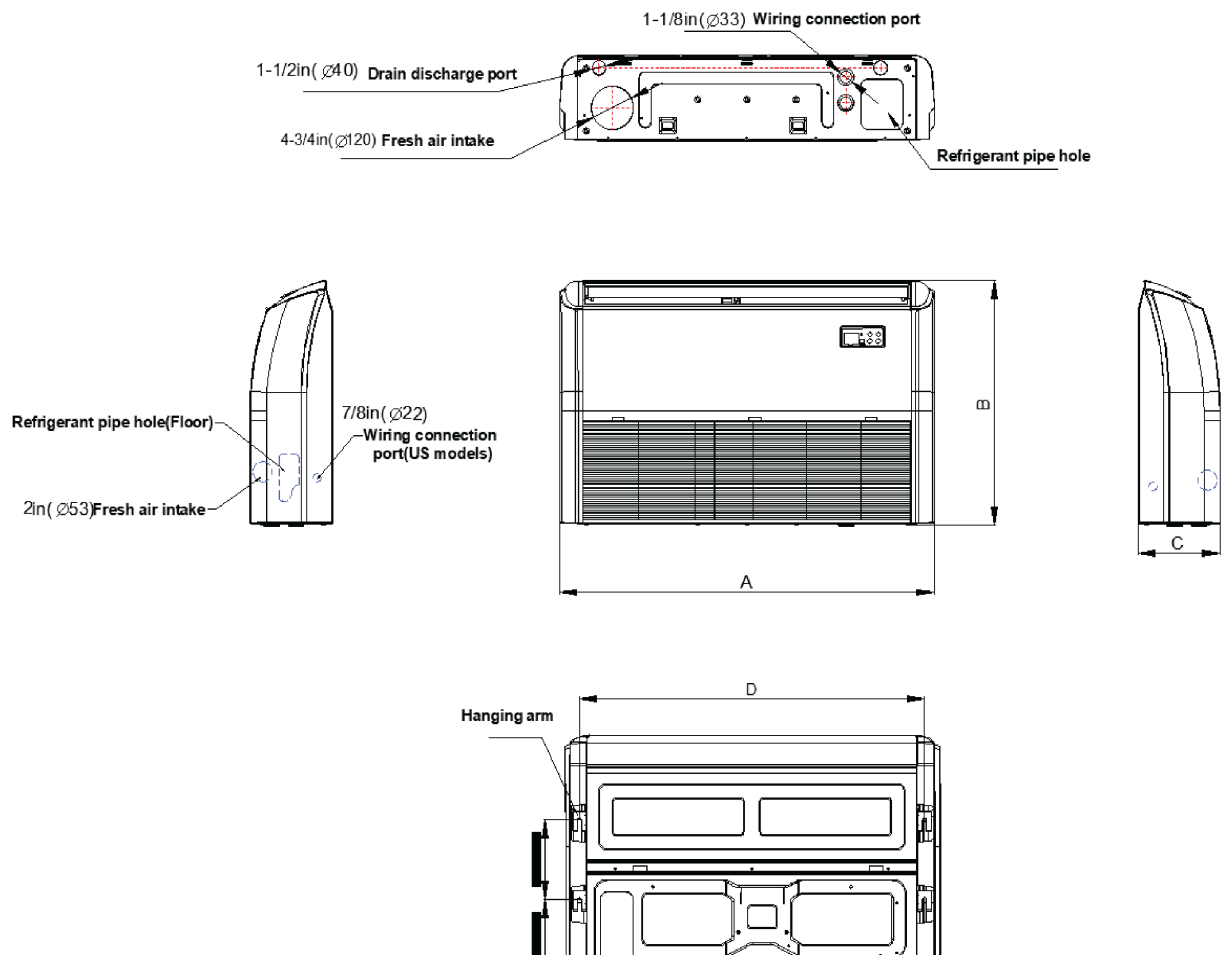
- Refrigerant Sensor
- Humidity Sensor
- GoldFin Anti-Corrosive Coating
- Multiple Fan Speeds
- Easy service
- TU1 Cooper Coil
- Can be applied horizontally from the ceiling or vertically on a wall
- Inverter technology

NOTES:



Indoor Model			CH-RSH48LCFC
Power supply		V, Ph, Hz	208-230V, 1Ph, 60Hz
Communication wiring			AWG 14-3
Cooling	Capacity	Btu/h	48,000 (10,100~50,000)
	Input	w	5,053 (830~5,280)
	Rated current	A	22 (5.9~23.1)
	EER/EER2	Btu/w	
	SEER/SEER2	Btu/w	
Heating at 47 °F	Capacity	Btu/h	50,000 (15,800~59,100)
	Input	W	5,196 (575~5,860)
	Rated current	A	22.6 (6.3~25.7)
	COP	W/W	2.82
	HSPF4/HSPF2-4		10.2
	HSPF5/HSPF2-5		7.8
Indoor fan motor		Qty	2
		Input	90
		RLA	1
Indoor air flow (Turbo/Hi/Med/Lo) (No duct)		CFM	1,353.8 / 1,236.1 / 1,083 / 800.5
ESP (range)		ln.wg.	/
Indoor noise level (Hi/Med/Lo)		dB(A)	53/49/39
Dehumidification		L/H	12.58
Indoor unit	Dimensions (WxDxH)	inch	64.96 x 26.57 x 9.25
	Packing (WxDxH)	inch	67.91 x 29.72 x 12.52
	Net/Gross weight	lbs	89.07/105.16
Drainage water pipe diameter		inch	1"
Refrigerant piping (Liquid side/Gas side)		inch	3/8"/3/4"
Design pressure		PSIG	550/340
Controller			remote controller
Room temperature	Cooling	F	60~90
	Heating	F	32~86

Outdoor Model		CH-R48LCU-230VO	
Power supply	V, Ph, Hz	208-230V, 1Ph, 60Hz	
Min. circuit ampacity	A	39	
Max. fuse	A	40	
Compressor	Model	KTQ420D1UMU	
	Type	ROTARY	
	Brand	GMCC	
	Capacity	Btu/h	46.74
	Input	w	3.7
	Rated current (RLA)	A	24
	Refrigerant oil	oz	VG74 47.3
Outdoor fan motor	Qty	2	
	Input	w	85
	RLA	A	1.2
	Speed	r/min	850/750/650
Outdoor air flow (Max)	CFM	4,237,9	
Outdoor noise level (Max)	dB(A)	62.5	
Throttle type		EXV+Throttle valve	
Outdoor unit	Dimensions (WxDxH)	inch	37.48 x 16.34 x 52.48
	Packing (WxDxH)	inch	43.11 x 19.49 x 57.48
	Net/Gross weight	inch	208.78/239.86
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"/3/4"
	Max. pipe length	ft	246
	Max. difference in level	ft	98.4
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)

