

**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:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

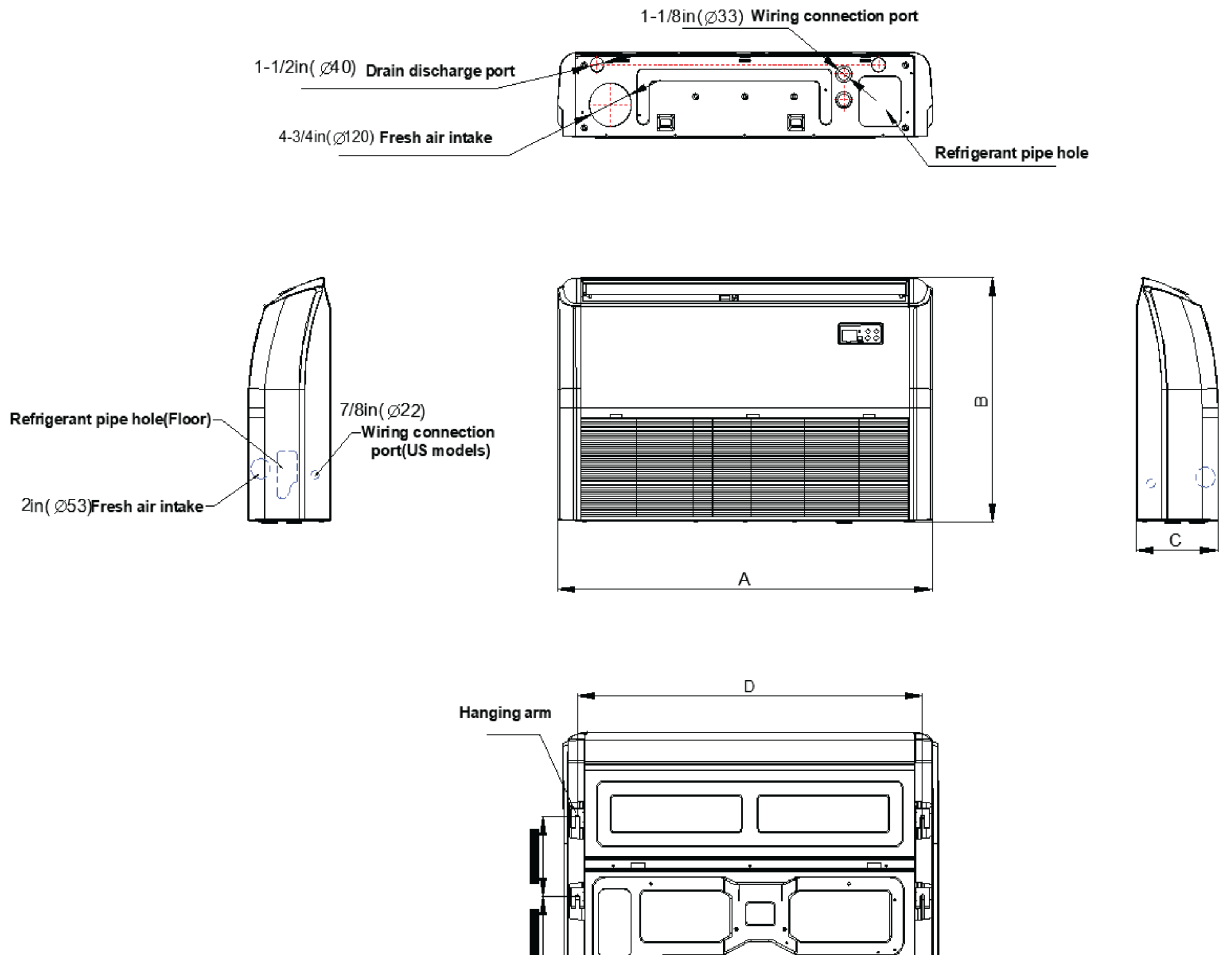
\_\_\_\_\_

\_\_\_\_\_



Indoor Model			CH-RSH48LCFC
Power supply		V, Ph, Hz	208-230V, 1Ph, 60Hz
Communication wiring			AWG 14-3
Cooling	Capacity	Btu/h	48,000 (6,700~53,500)
	Input	w	5,106 (730~5,760)
	Rated current	A	22.5 (4.9~25.1)
	EER/EER2	Btu/w	
	SEER/SEER2	Btu/w	
Heating at 47 °F	Capacity	Btu/h	52,000 (18,800~58,700)
	Input	W	5,330 (1,145~5,900)
	Rated current	A	24.2 (6.2~25.9)
	COP	W/W	2.86
	HSPF4/HSPF2-4		10.1
	HSPF5/HSPF2-5		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)	53/48.5/39
Dehumidification		L/H	13.36
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-RHP48LCU-230VO	
Power supply	V, Ph, Hz	208-230V, 1Ph, 60Hz	
Min. circuit ampacity	A	44	
Max. fuse	A	45	
Compressor	Model	EKPQ420D1UMUA	
	Type	TWIN-ROTARY	
	Brand	GMCC	
	Capacity	Btu/h	40.94
	Input	w	3.265
	Rated current (RLA)	A	27
	Refrigerant oil	oz	VG75 49.4
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)	64.5	
Throttle type		EXV+Throttle valve	
Outdoor unit	Dimensions (WxDxH)	inch	38.58 x 16.34 x 38.39
	Packing (WxDxH)	inch	45.08 x 19.68 x 42.52
	Net/Gross weight	inch	206.57/237.44
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	-22 ~ 122
	Heating	F	-22~75



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)

