CH-R48LCU-230VO + CH-RH48LCCT

Job Name:	**Date:**
Location:	**Approval:**
Engineer:	**Construction:**
Submitted to:	**Unit #:**
Submitted by:	**Drawing #:**
Reference:	

KEY FEATURES:

- Humidity Sensor
- GoldFin Anti-Corrosive Coating
- Multiple Fan Speeds
- Fresh Air Intake
- Omni-Directional Airflow
- Smart-Kit Bult-in on Wall Thermostat
- Inverter technology

NOTES:





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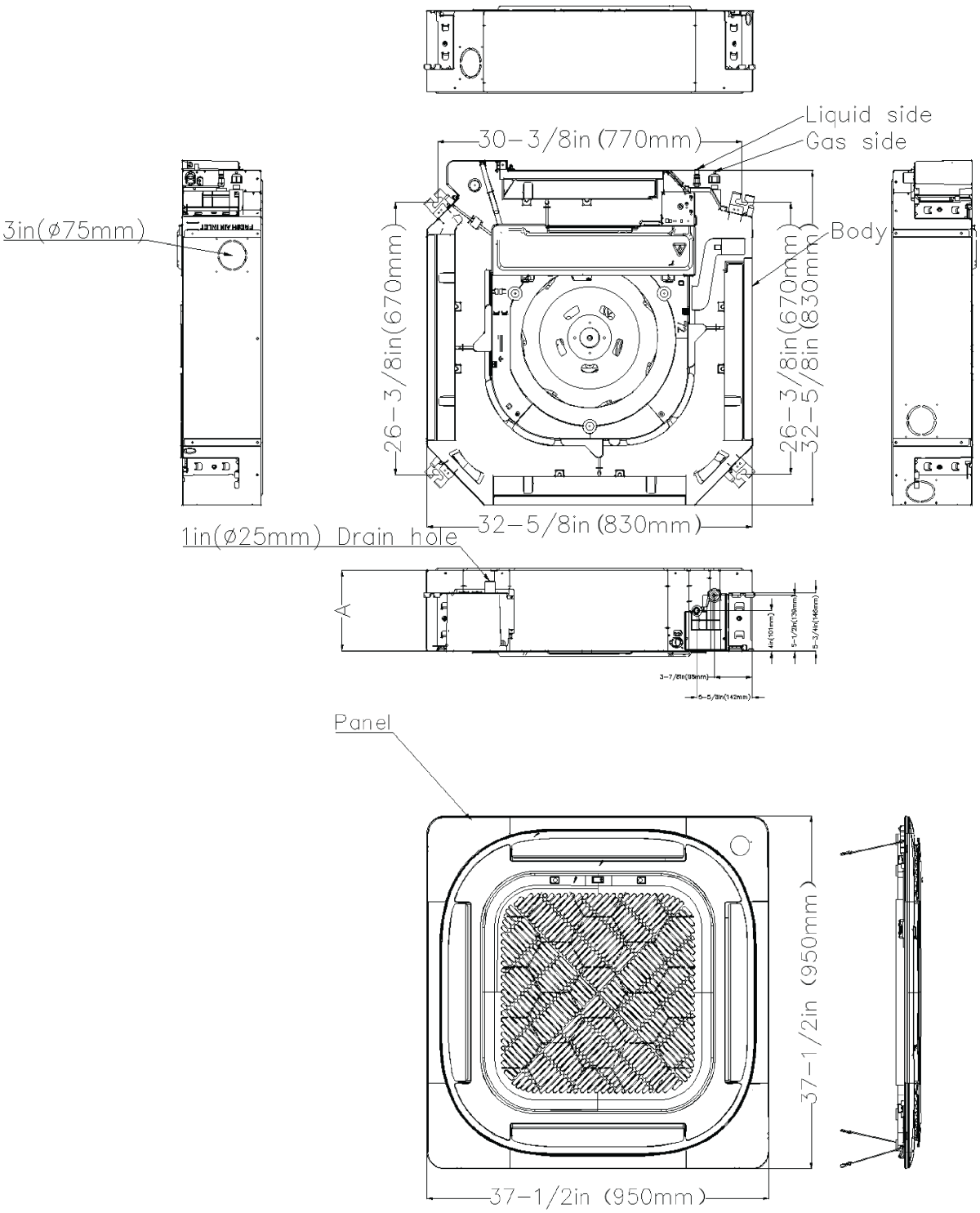
Indoor Model			**CH-RH48LCCT**
Power supply		V, Ph, Hz	208-230V, 1Ph, 60Hz
Communication wiring			AWG 14-2
Cooling	Capacity	Btu/h	48,000 (10,600~50,400)
	Input	w	5,053 (800~5,320)
	Rated current	A	22.5 (5.7~23.4)
	EER/EER2	Btu/w	9.5
	SEER/SEER2	Btu/w	19
Heating at 47 °F	Capacity	Btu/h	50,000 (19,900~61,700)
	Input	W	4,950 (1,140~5,940)
	Rated current	A	22.1 (6.2~26)
	COP	W/W	2.96
	HSPF4/HSPF2-4		9.9
	HSPF5/HSPF2-5		7.7
Indoor fan motor		Qty	1
		Input	125
		RLA	1
Indoor air flow (Turbo/Hi/Med/Lo) (No duct)		CFM	1,236.1 / 1,124.2 / 1,018.3 / 800.5
ESP (range)		In.wg.	/
Indoor noise level (Hi/Med/Lo)		dB(A)	52.5/50/42.5
Dehumidification		L/H	13.26
Indoor unit	Dimensions (WxDxH)	inch	32.68 x 32.68 x 11.30
	Packing (WxDxH)	inch	35.83 x 35.83 x 12.99
	Net/Gross weight	lbs	64.59/76.06
Drainage water pipe diameter		inch	1"
Refrigerant piping (Liquid side/Gas side)		inch	3/8"/3/4"
Design pressure		PSIG	550/340
Controller			wire controller + remote controller available
Room temperature	Cooling	F	60~90
	Heating	F	32~86

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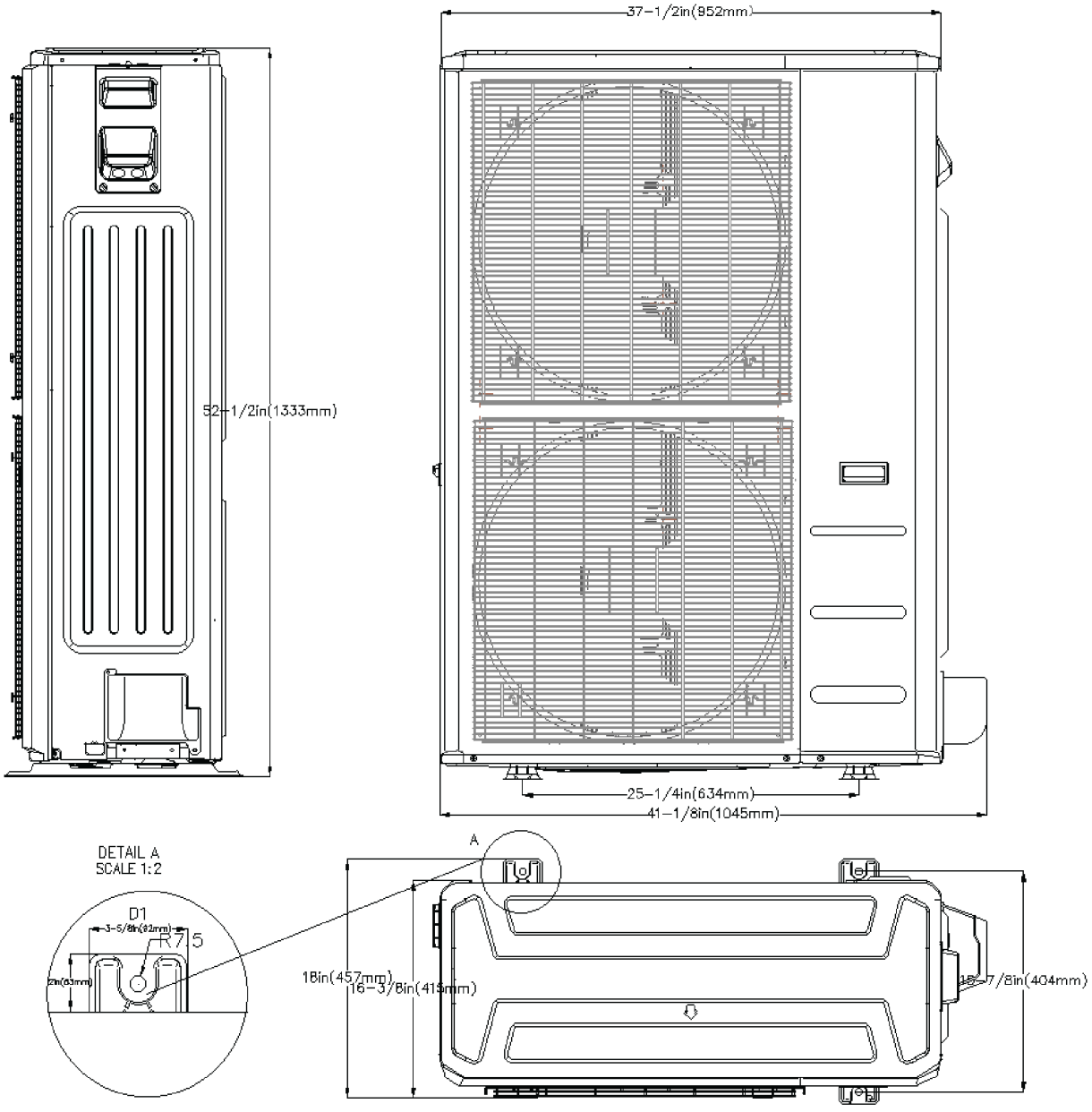
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Outdoor Model			**CH-R48LCU-230VO**
Power supply		V, Ph, Hz	208-230V, 1Ph, 60Hz
Min. circuit ampacity		A	39
Max. fuse		A	40
Compressor	Model		KTQ420D1UMU
	Type		ROTARY
	Brand		GMCC
	Capacity	Btu/h	46,740
	Input	w	3,700
	Rated current (RLA)	A	24
	Refrigerant 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

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