

Job Name: _____
Location: _____
Engineer: _____
Submitted to: _____
Submitted by: _____
Reference: _____

Date: _____
Approval: _____
Construction: _____
Unit #: _____
Drawing #: _____

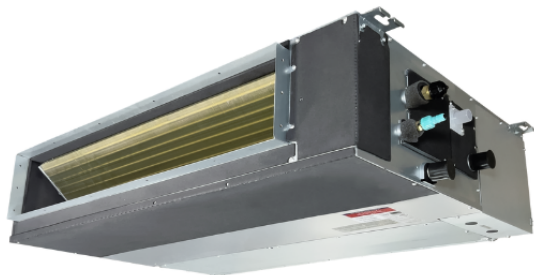
KEY FEATURES:

- Flexible Installation
- Compatible with Regular or Hyper Heat Pump
- SmartPort Ready
- Wall Thermostat Included
- Remote Control Included

NOTES:



Slim Duct

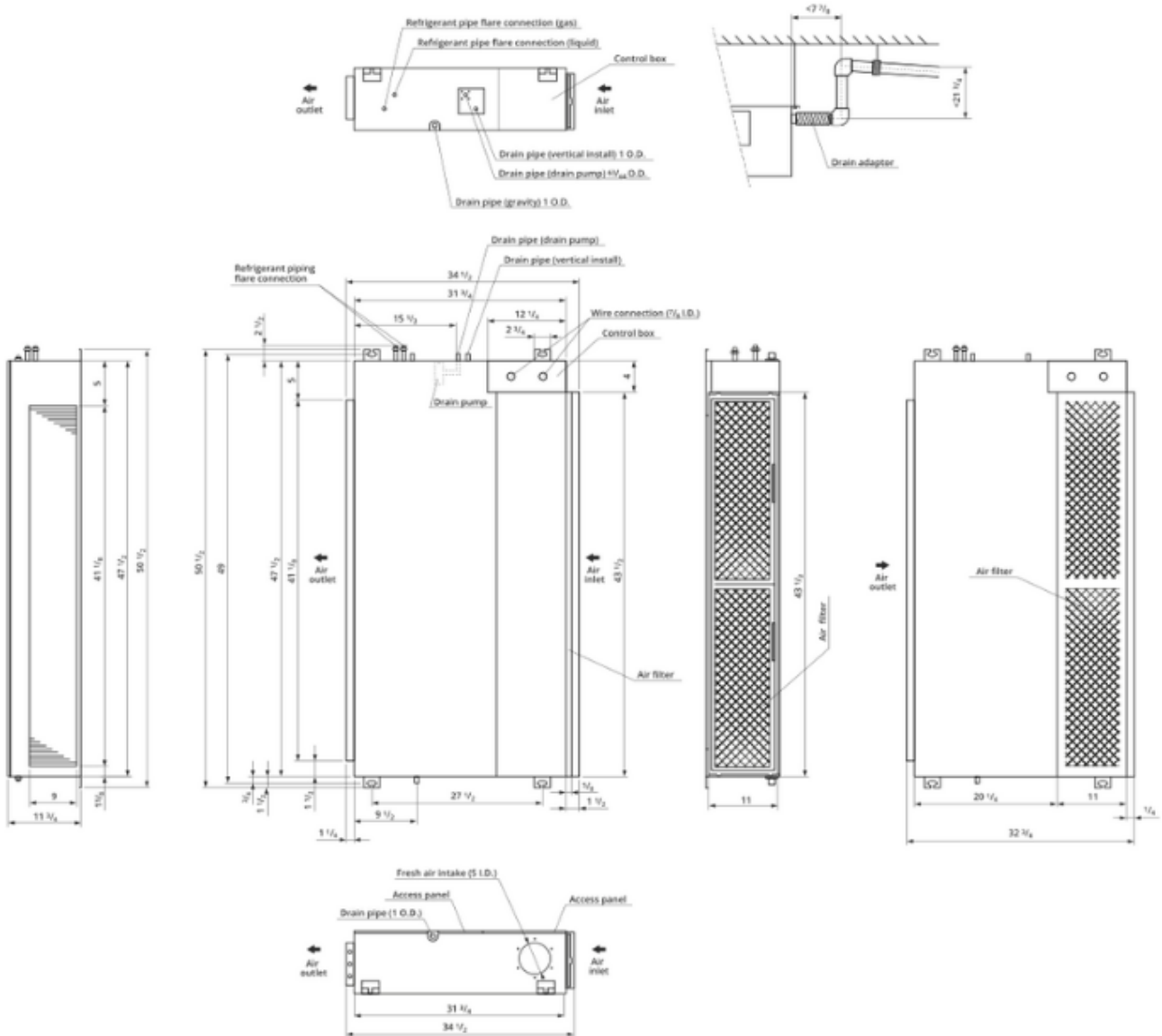


Indoor Model			CH-48LCDTU/I
Power supply		V, Ph, Hz	208-230V, 1Ph, 60Hz
Communication wiring			14AWG*2 Stranded, shielded
Cooling	Capacity	Btu/h	48,000(10,500~48,000)
	Input	w	5,620(470~5,300)
	Rated current	A	24.5(4.5~23.5)
	EER/EER2	Btu/w	8.5
	SEER/SEER2	Btu/w	15.1
Heating at 47 °F	Capacity	Btu/h	50,000(11,000~63,400)
	Input	W	4,600(750~6,000)
	Rated current	A	20.5(5.4~25.8)
	COP	W/W	3.19
	HSPF4/HSPF2-4		9.3
	HSPF5/HSPF2-5		7.3
Indoor fan motor		Qty	1
		Input	560
		RLA	2.5
Indoor air flow (Turbo/Hi/Med/Lo) (No duct)		CFM	1,228.41/1,228.41/1,031.00/714.65
ESP (range)		In.wg.	0-0.64
Indoor noise level (Hi/Med/Lo)		dB(A)	52/50/49
Dehumidification		L/H	9.30
Indoor unit	Dimensions (WxDxH)	inch	47.24x34.41x11.81
	Packing (WxDxH)	inch	55.31x36.02x14.37
	Net/Gross weight	lbs	119.71/141.76
Drainage water pipe diameter		inch	1"
Refrigerant piping (Liquid side/Gas side)		inch	3/8"/5/8"
Design pressure		PSIG	550/340
Controller			RG10K-exclusive remote&120X or 120N wire controller
Room temperature	Cooling	F	62~90
	Heating	F	32~86

Outdoor Model			CH-N48LCU-230VO
Power supply		V, Ph, Hz	208-230V, 1Ph, 60Hz
Min. circuit ampacity		A	39
Max. fuse		A	50
Compressor	Model		KTQ420D1UMU
	Type		ROTARY
	Brand		GMCC
	Capacity	Btu/h	46,740
	Input	w	3,700
	Rated current (RLA)	A	28
	Refrigerant oil	oz	VG74 47.3
Outdoor fan motor	Qty		2
	Input	w	126
	RLA	A	1.2
	Speed	r/min	850/750/650/550
Outdoor air flow (Max)		CFM	4,500
Outdoor noise level (Max)		dB(A)	63.5
Throttle type			EXV+Throttle valve
Outdoor unit	Dimensions (WxDxH)	inch	37.48x16.34x52.48
	Packing (WxDxH)	inch	43.11x19.49x58.27
	Net/Gross weight	inch	219.14/249.12
Refrigerant	Type		R410A
	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"/5/8"
	Max. pipe length	ft	213.25
	Max. difference in level	ft	98.42
Ambient temperature	Cooling	F	5~122
	Heating	F	-13~75

CH-48LCDTU/I

Unit: inch



47.24x34.41x11.81

