

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

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

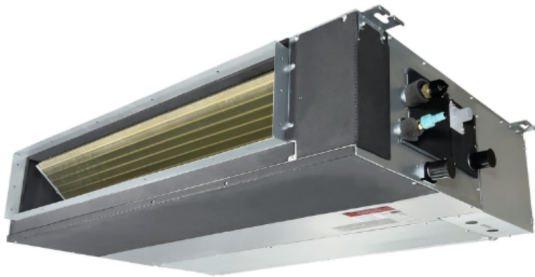
KEY FEATURES:

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

NOTES:



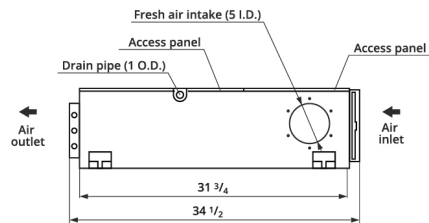
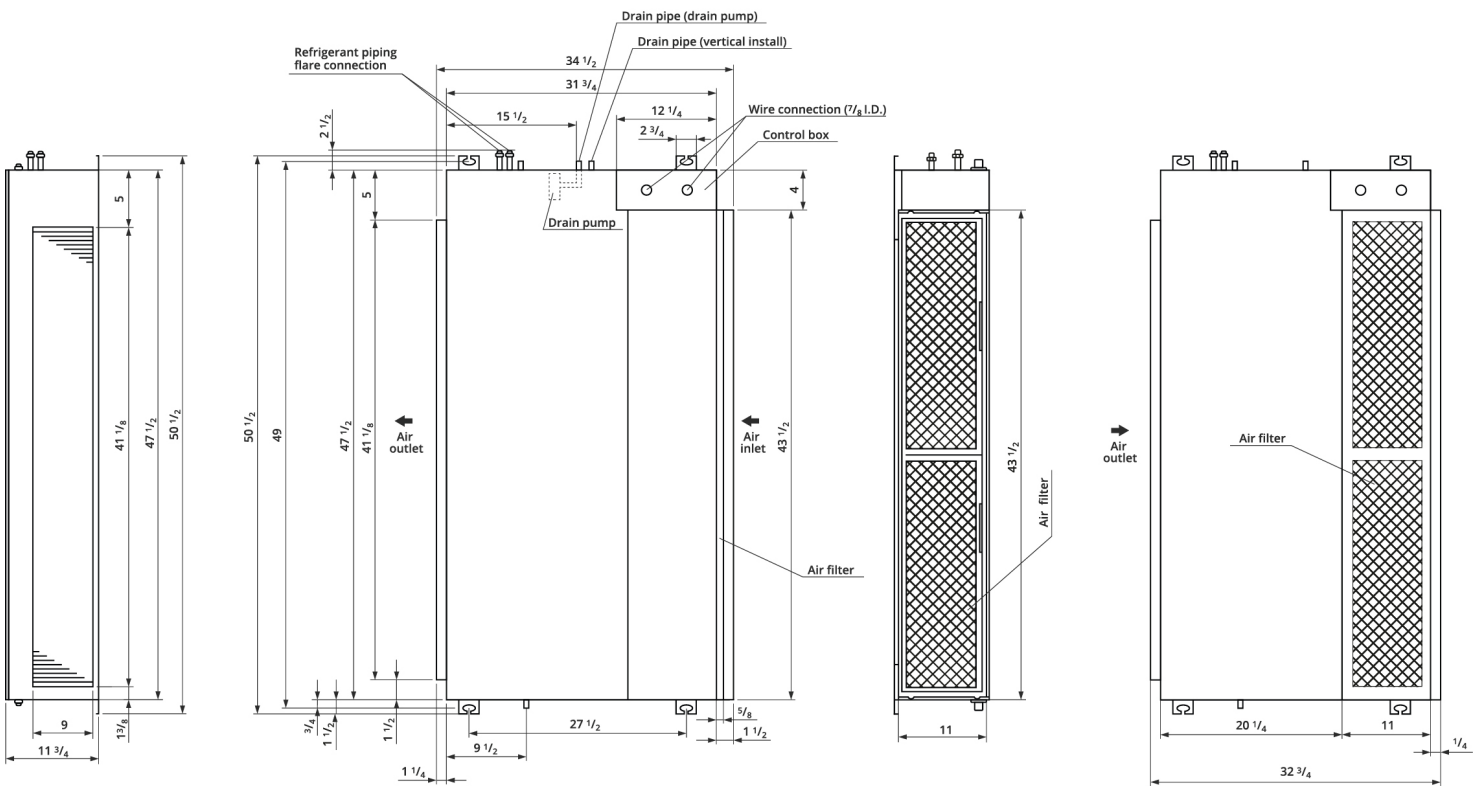
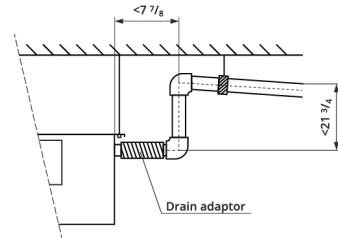
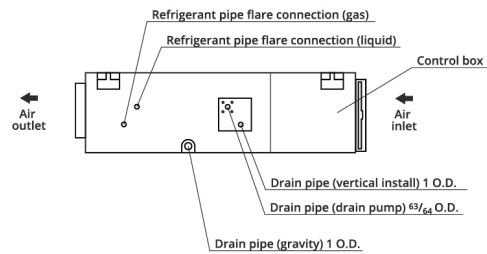
Slim Duct



Indoor Model			CH-48LCDTU/I
Power supply		V, Ph, Hz	208-230V, 1Ph, 60Hz
Communication wiring			
Cooling	Capacity	Btu/h	48,000
	Input	w	5,217
	Rated current	A	23.14
	EER/EER2	Btu/w	9.2
	SEER/SEER2	Btu/w	17.4
Heating at 47 °F	Capacity	Btu/h	50,000
	Input	W	4,125
	Rated current	A	18.3
	COP	W/W	3.52
	HSPF4/HSPF2-4		10.3
	HSPF5/HSPF2-5		8.8
Indoor fan motor	Qty		1
	Input		560
	RLA		4.1
Indoor air flow (Turbo/Hi/Med/Lo) (No duct)		CFM	-/2,088/1,753/1,215
ESP (range)		In.wg.	0-0.64
Indoor noise level (Hi/Med/Lo)		dB(A)	50.5/47/43
Dehumidification		L/H	
Indoor unit	Dimensions (WxDxH)	inch	61.81x31.69x12.01
	Packing (WxDxH)	inch	55.31x36.02x13.98
	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			
Room temperature	Cooling	F	62~90
	Heating	F	32~86

Outdoor Model			CH-48LCU/O
Power supply		V, Ph, Hz	208-230V, 1Ph, 60Hz
Min. circuit ampacity		A	35
Max. fuse		A	50
Compressor	Model		ATQ420D1UMU
	Type		ROTARY
	Brand		GMCC
	Capacity	Btu/h	44,697
	Input	w	3,420
	Rated current (RLA)	A	23.5
	Refrigerant oil	oz	VG74 47.3
Outdoor fan motor	Qty		2
	Input	w	126
	RLA	A	0.39
	Speed	r/min	900
Outdoor air flow (Max)		CFM	4,470
Outdoor noise level (Max)		dB(A)	62.5
Throttle type			Capillary +EXV
Outdoor unit	Dimensions (WxDxH)	inch	37.48x16.34x52.48
	Packing (WxDxH)	inch	43.11x19.49x58.27
	Net/Gross weight	inch	217.4/246.0
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
	Max. difference in level	ft	98
Ambient temperature	Cooling	F	5~122
	Heating	F	5~86

Unit: inch



Unit: inch

