

Job Name: _____

Location: _____

Engineer: _____

Submitted to: _____

Submitted by: _____

Reference: _____

Date: _____

Approval: _____

Construction: _____

Unit #: _____

Drawing #: _____

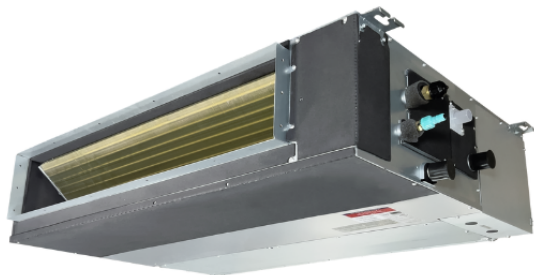
KEY FEATURES:

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

NOTES:



Slim Duct

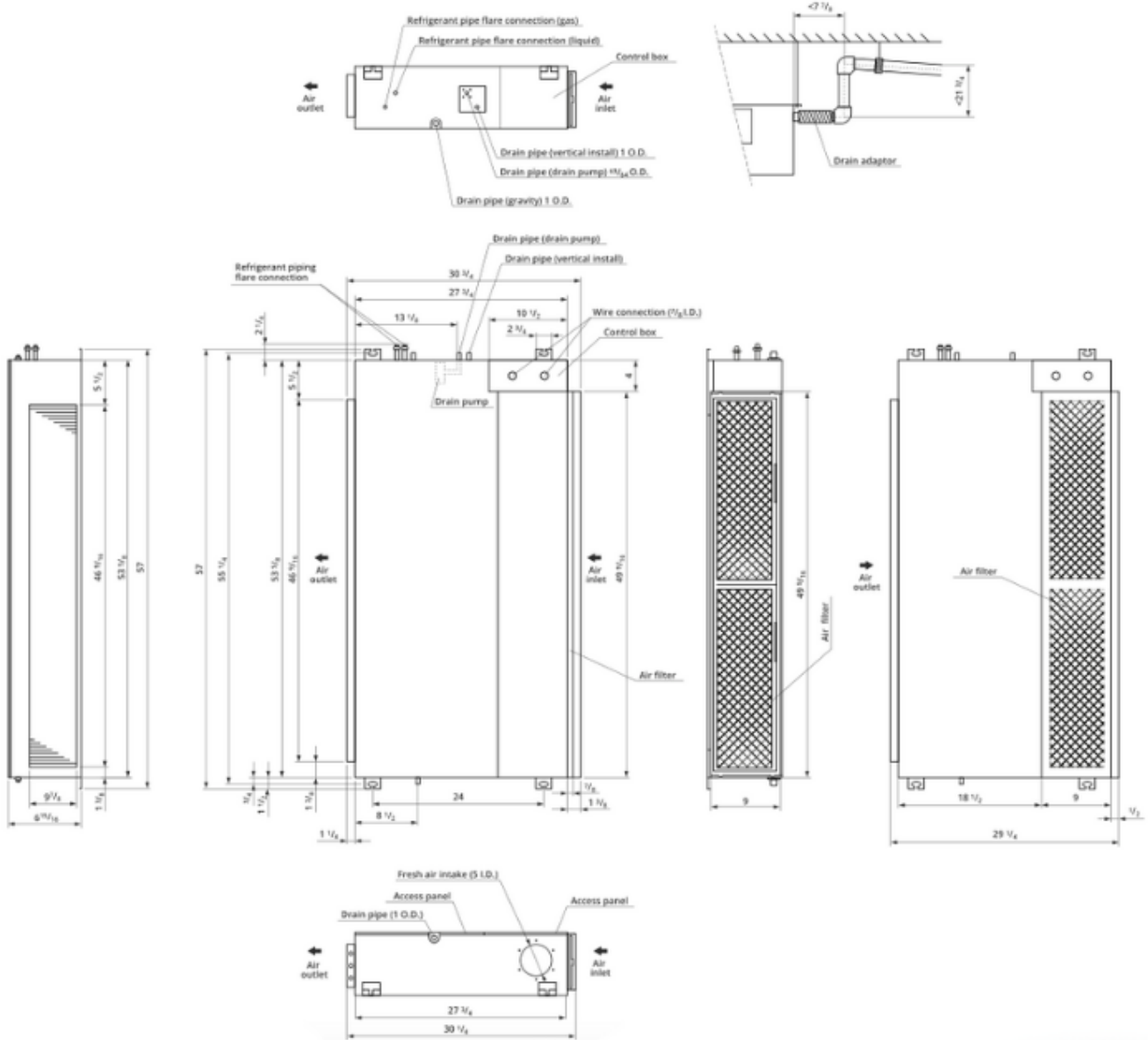


Indoor Model			CH-36LCDTU/I
Power supply		V, Ph, Hz	208-230V, 1Ph, 60Hz
Communication wiring			14AWG*2 Stranded, shielded
Cooling	Capacity	Btu/h	36,000(9,770~41,600)
	Input	w	3,950(480~4,130)
	Rated current	A	17.5(3.73~17.9)
	EER/EER2	Btu/w	9
	SEER/SEER2	Btu/w	16.5
Heating at 47 °F	Capacity	Btu/h	42,000(12,700~52,000)
	Input	W	3,700(670~4,755)
	Rated current	A	16.9(4.97~21.03)
	COP	W/W	3.33
	HSPF4/HSPF2-4		11
	HSPF5/HSPF2-5		8.8
Indoor fan motor		Qty	1
		Input	250
		RLA	1.6
Indoor air flow (Turbo/Hi/Med/Lo) (No duct)		CFM	1,081.76/1,081.76/912.35/702.94
ESP (range)		In.wg.	0-0.64
Indoor noise level (Hi/Med/Lo)		dB(A)	49.5/46.5/43
Dehumidification		L/H	5.92
Indoor unit	Dimensions (WxDxH)	inch	53.54x30.47x9.80
	Packing (WxDxH)	inch	61.81x31.69x12.99
	Net/Gross weight	lbs	110.89/128.09
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-NHPR36LCU-230VO
Power supply		V, Ph, Hz	208-230V, 1Ph, 60Hz
Min. circuit ampacity		A	40
Max. fuse		A	50
Compressor	Model		EAPQ420D1UMUA
	Type		ROTARY
	Brand		GMCC
	Capacity	Btu/h	44,010
	Input	w	3.565
	Rated current (RLA)	A	32
	Refrigerant oil	oz	VG74 49.4
Outdoor fan motor	Qty		2
	Input	w	126
	RLA	A	1.2
	Speed	r/min	800/750/650
Outdoor air flow (Max)		CFM	4,500
Outdoor noise level (Max)		dB(A)	65
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	220.24/248.02
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	-22~75

CH-36LCDTU/I

Unit: inch



53.54x30.47x9.80

