

Job Name:

Location:

Engineer:

Submitted to:

Submitted by:

Reference:

Date:

Approval:

Construction:

Unit #:

Drawing #:

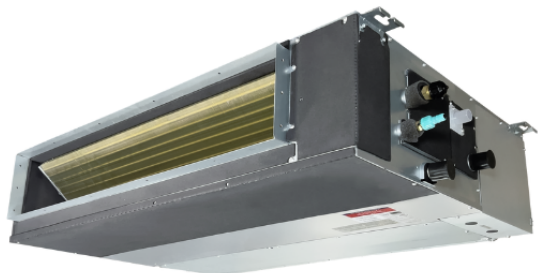
KEY FEATURES:

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

NOTES:



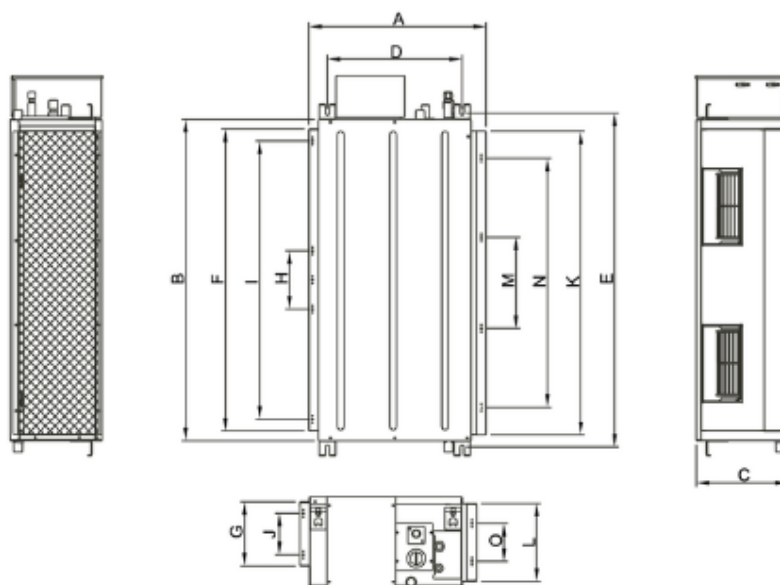
Slim Duct



Indoor Model			CH-60LCDTU/I
Power supply		V, Ph, Hz	208-230V, 1Ph, 60Hz
Communication wiring			14AWG*2 Stranded, shielded
Cooling	Capacity	Btu/h	59,000(12,000~62,000)
	Input	w	5,700(1,100~6,346)
	Rated current	A	25.0(4.8~28)
	EER/EER2	Btu/w	10.3
	SEER/SEER2	Btu/w	17
Heating at 47 °F	Capacity	Btu/h	60,000(12,000~60,000)
	Input	W	5,000(1,500~5,000)
	Rated current	A	22.0(6.6~22.5)
	COP	W/W	3.52
	HSPF4/HSPF2-4		8.4
	HSPF5/HSPF2-5		6.5
Indoor fan motor		Qty	1
		Input	420
		RLA	2.5
Indoor air flow (Turbo/Hi/Med/Lo) (No duct)		CFM	2,302.94/2,155.88/1,709.41/1,261.76
ESP (range)		In.wg.	0-0.8
Indoor noise level (Hi/Med/Lo)		dB(A)	57/54/51
Dehumidification		L/H	11.83
Indoor unit	Dimensions (WxDxH)	inch	55.12x33.78x18.11
	Packing (WxDxH)	inch	63.19x35.83x21.06
	Net/Gross weight	lbs	174.60/200.40
Drainage water pipe diameter		inch	1"
Refrigerant piping (Liquid side/Gas side)		inch	3/8"/7/8"
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-N60LCU-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	25
	Refrigerant oil	oz	VG74 47.3
Outdoor fan motor	Qty		2
	Input	w	126
	RLA	A	1.5
	Speed	r/min	850/750/650
Outdoor air flow (Max)		CFM	2,647.06
Outdoor noise level (Max)		dB(A)	62.5
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	217.15/248.24
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"/7/8"
	Max. pipe length	ft	213.25
	Max. difference in level	ft	98.42
Ambient temperature	Cooling	F	5~122
	Heating	F	-13~75

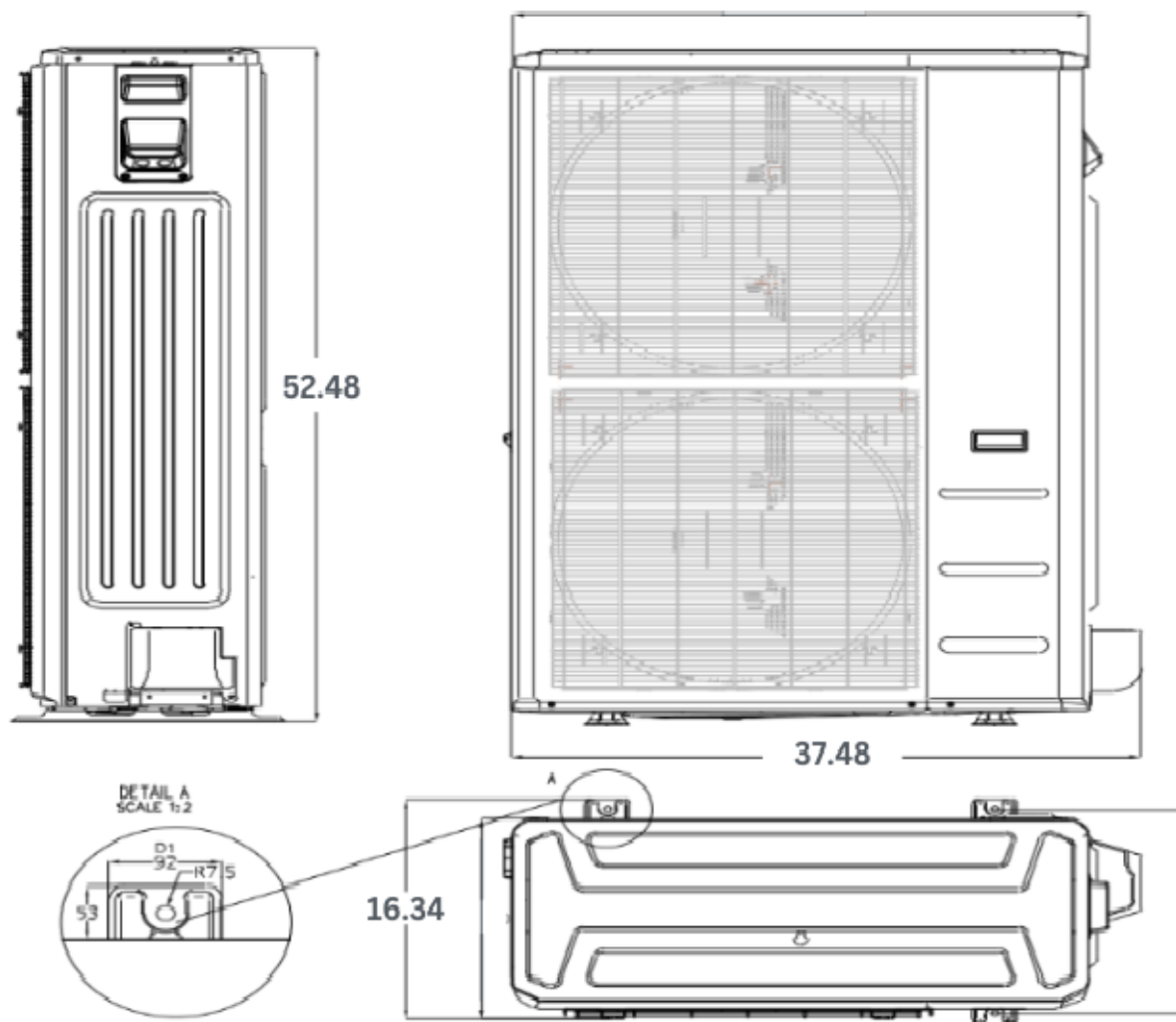
CH-60LCDTU/I



Outline dimension			Size of mounted lug		Air outlet opening size (symmetry of air outlet opening)					air inlet opening size (symmetry of air inlet opening)				
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
33.78	55.12	17.32	27.5	56.5	46.7	15	20	39.3	11	46.7	12.8	20	39.3	11

55.12X33.78X18.11

CH-N60LCU-230VO



Dimensions	Width	Depth	Height
Inches	37.48	16.34	52.48