

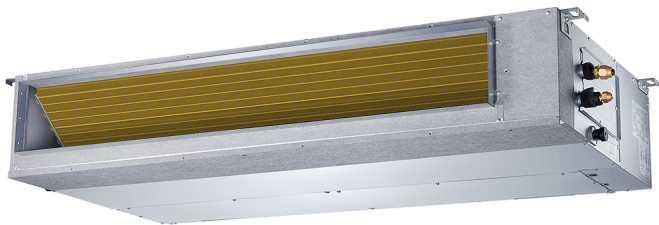
Job Name: _____
Location: _____
Engineer: _____
Submitted to: _____
Submitted by: _____
Reference: _____

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

KEY FEATURES:

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

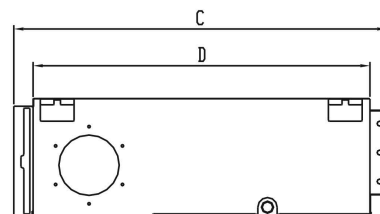
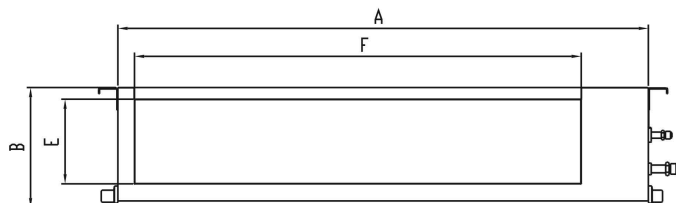
NOTES:



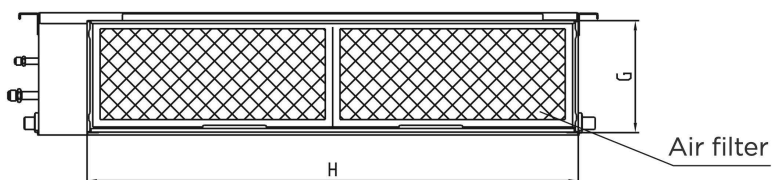
Indoor Model			CH-RS48LCDT-HS
Power supply		V, Ph, Hz	208-230V, 1Ph, 60Hz
Communication wiring			AWG 14-3
Cooling	Capacity	Btu/h	48,000 (11,000~56,500)
	Input	W	4,800 (930~5,850)
	Rated current	A	21.3 (6.1~25.6)
	EER/EER2	Btu/w	10
	SEER/SEER2	Btu/w	17.1
Heating at 47 °F	Capacity	Btu/h	50,000 (11,200~60,500)
	Input	W	4,200 (780~5,100)
	Rated current	A	19 (4.2~22.4)
	COP	W/W	3.49
	HSPF4/HSPF2-4		9.8
	HSPF5/HSPF2-5		7.7
Indoor fan motor		Qty	1
		Input (W)	560
		RLA (A)	4
Indoor air flow (Turbo/Hi/Med/Lo) (No duct)		CFM	1,648.1 / 1,471.5 / 1,294.9 / 1,059.5
ESP (range)		In.wg.	0-0.8
Indoor noise level (Hi/Med/Lo)		dB(A)	51/46/42
Dehumidification		Pnt/H	8.50
Indoor unit	Dimensions (WxDxH)	inch	47.24 x 29.53 x 11.81
	Packing (WxDxH)	inch	56.10 x 33.86 x 14.13
	Net/Gross weight	lbs	111.33/124.78
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

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)	64
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

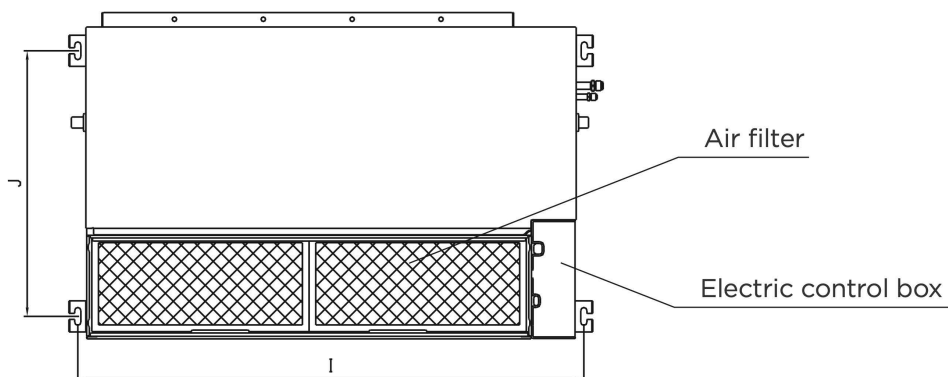
Air outlet dimensions



Air inlet dimensions



Descending ventilation opening and mounted hook



(unit: inch/mm)

MODEL (Btu/h)	Outline dimension				air outlet opening size		air return opening size		Size of mounted lug	
	A	B	C	D	E	F	G	H	I	J
6K/9K/12K	27.6/700	7.9/200	19.9/506	17.7/450	6.0/152	21.1/537	7.3/186	23.6/599	29.2/741	14.2/360
18K	34.6/880	8.3/210	26.5/674	23.6/600	5.4/136	27.8/706	7.5/190	30.8/782	36.2/920	20.0/508

