

Job Name:

Location:

Engineer:

Submitted to:

Submitted by:

Reference:

Date:

Approval:

Construction:

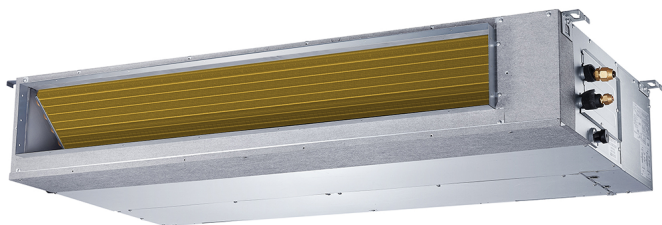
Unit #:

Drawing #:

KEY FEATURES:

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

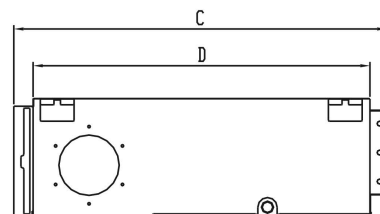
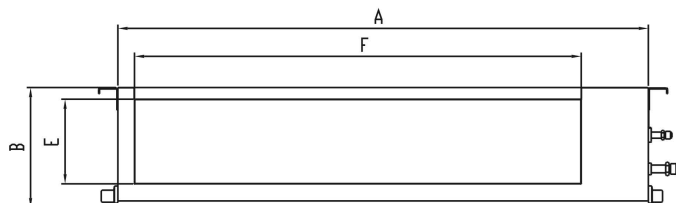
NOTES:



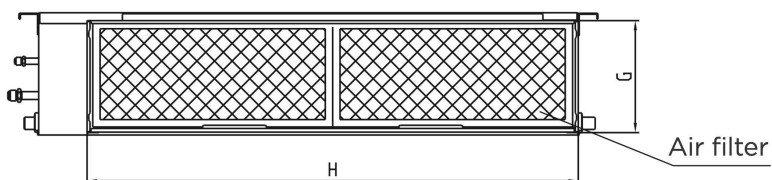
Indoor Model			CH-RS36LCDT-HS
Power supply		V, Ph, Hz	208-230V, 1Ph, 60Hz
Communication wiring			AWG 14-3
Cooling	Capacity	Btu/h	36,000 (9,800~37,000)
	Input	W	3,000 (900~3,680)
	Rated current	A	13.5 (6.9~16.2)
	EER/EER2	Btu/w	12
	SEER/SEER2	Btu/w	17.7
Heating at 47 °F	Capacity	Btu/h	42,000 (11,000~45,500)
	Input	W	3,240 (680~3,850)
	Rated current	A	14.1 (3.7~17)
	COP	W/W	3.8
	HSPF4/HSPF2-4		11.1
	HSPF5/HSPF2-5		9.2
Indoor fan motor		Qty	1
		Input (W)	400
		RLA (A)	3.2
Indoor air flow (Turbo/Hi/Med/Lo) (No duct)		CFM	1,236.1 / 1,059.5 / 941.8 / 765.2
ESP (range)		In.wg.	0-0.8
Indoor noise level (Hi/Med/Lo)		dB(A)	45/40/34
Dehumidification		Pnt/H	6.34
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	106.26/120.37
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-RHP36LCU-230VO
Power supply		V, Ph, Hz	208-230V, 1Ph, 60Hz
Min. circuit ampacity		A	38
Max. fuse		A	40
Compressor	Model		EKPQ420D1UMUA
	Type		TWIN-ROTARY
	Brand		GMCC
	Capacity	Btu/h	40,940
	Input	W	3,265
	Rated current (RLA)	A	24.5
	Refrigerant oil	oz	VG75 49.4
Outdoor fan motor	Qty		1
	Input	W	250
	RLA	A	2.1
	Speed	r/min	750/650/550
Outdoor air flow (Max)		CFM	3,001.9
Outdoor noise level (Max)		dB(A)	65
Throttle type			EXV+Throttle valve
Outdoor unit	Dimensions (WxDxH)	inch	38.58 x 16.34 x 38.39
	Packing (WxDxH)	inch	45.08 x 19.68 x 42.52
	Net/Gross weight	inch	206.57/237.44
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	-22 ~ 122
	Heating	F	-22~75

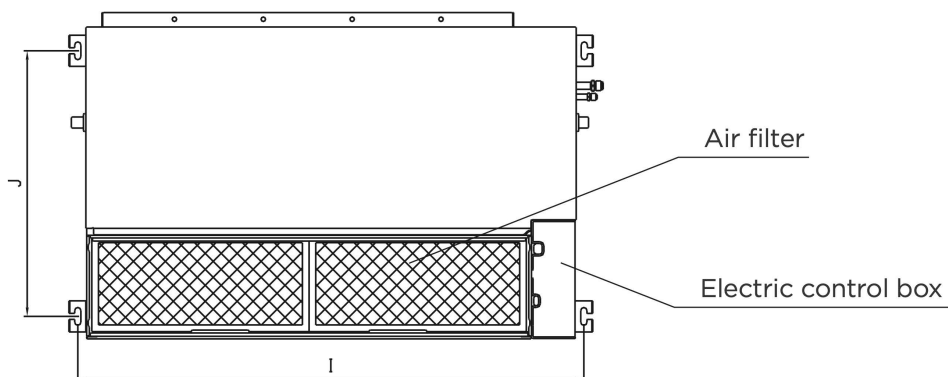
Air outlet dimensions



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

