

Job Name: _____

Location: _____

Engineer: _____

Submitted to: _____

Submitted by: _____

Reference: _____

Date: _____

Approval: _____

Construction: _____

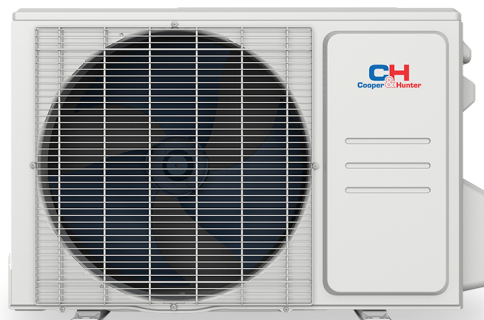
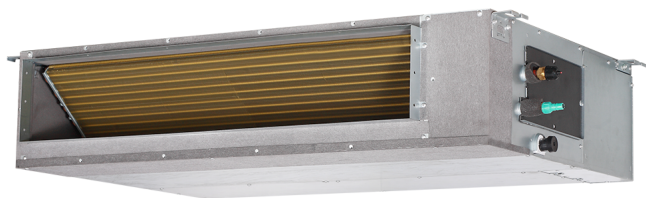
Unit #: _____

Drawing #: _____

KEY FEATURES:

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

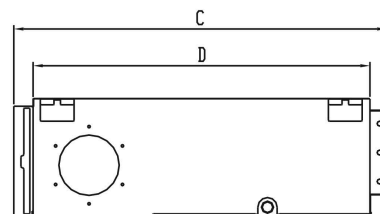
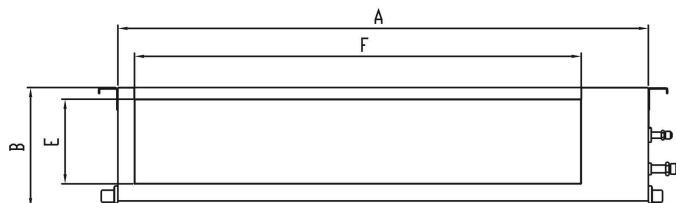
NOTES:



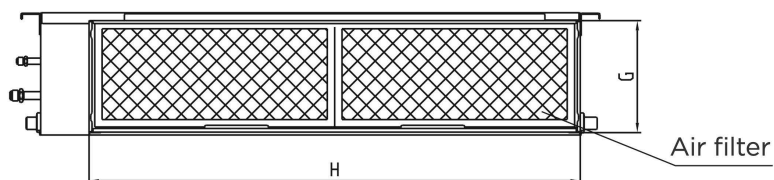
Indoor Model			CH-RS18MDT-MS
Power supply		V, Ph, Hz	208-230V, 1Ph, 60Hz
Communication wiring			AWG 14-4
Cooling	Capacity	Btu/h	17,000 (7,000~19,000)
	Input	W	1,445 (600~1,750)
	Rated current	A	6.2 (2.8~7.7)
	EER/EER2	Btu/w	12.5
	SEER/SEER2	Btu/w	20
Heating at 47 °F	Capacity	Btu/h	20,000 (5,500~22,000)
	Input	W	1,690 (330~1,850)
	Rated current	A	7.2 (1.8~8)
	COP	W/W	3.47
	HSPF4/HSPF2-4		10.5
	HSPF5/HSPF2-5		8.2
Indoor fan motor		Qty	1
		Input (W)	165
		RLA (A)	1.2
Indoor air flow (Turbo/Hi/Med/Lo) (No duct)		CFM	600.4 / 559.2 / 500.3 / 441.4
ESP (range)		In.wg.	0-0.4
Indoor noise level (Hi/Med/Lo)		dB(A)	40.5/39/38
Dehumidification		Pnt/H	3.09
Indoor unit	Dimensions (WxDxH)	inch	34.65 x 26.54 x 8.27
	Packing (WxDxH)	inch	42.13 x 28.54 x 11.02
	Net/Gross weight	lbs	54.45/66.14
Drainage water pipe diameter		inch	1"
Refrigerant piping (Liquid side/Gas side)		inch	1/4"/1/2"
Design pressure		PSIG	550/340
Controller			wire controller + remote controller available
Room temperature	Cooling	F	60~90
	Heating	F	32~86

Outdoor Model			CH-RES18-230VO
Power supply		V, Ph, Hz	208-230V, 1Ph, 60Hz
Min. circuit ampacity		A	18
Max. fuse		A	20
Compressor	Model		KSN140D58UFZ
	Type		ROTARY
	Brand		GMCC
	Capacity	Btu/h	14,720
	Input	W	1,090
	Rated current (RLA)	A	10
	Refrigerant oil	oz	VG74 14.9
Outdoor fan motor	Qty		1
	Input	W	80
	RLA	A	0.9
	Speed	r/min	780/700/550
Outdoor air flow (Max)		CFM	1,765.8
Outdoor noise level (Max)		dB(A)	59
Throttle type			EXV+Throttle valve
Outdoor unit	Dimensions (WxDxH)	inch	35.04 x 13.46 x 26.5
	Packing (WxDxH)	inch	39.17 x 15.67 x 29.13
	Net/Gross weight	inch	92.59/100.31
Refrigerant	Type		R454B
	Precharge	ft	25
Additional charge for 1/4 inch liquid pipe		oz	0.16
Additional charge for 3/8 inch liquid pipe		oz	
Refrigerant piping	Liquid side/Gas side	inch	1/4"/1/2"
	Max. pipe length	ft	98.4
	Max. difference in level	ft	65.6
Ambient temperature	Cooling	F	-13 ~ 122
	Heating	F	-13~75

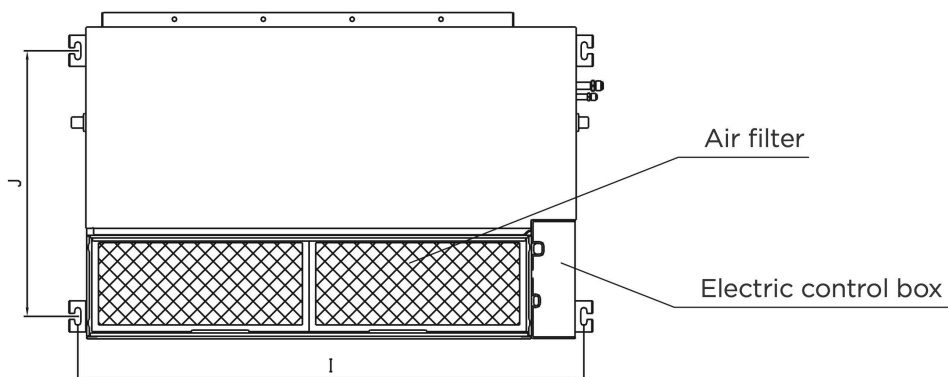
Air outlet dimensions



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

