

Job Name:

Location:

Engineer:

Submitted to:

Submitted by:

Reference:

Date:

Approval:

Construction:

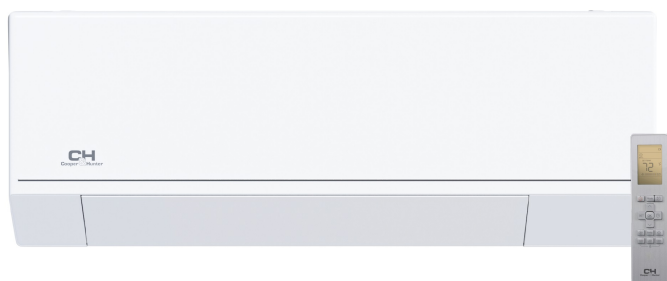
Unit #:

Drawing #:

KEY FEATURES:

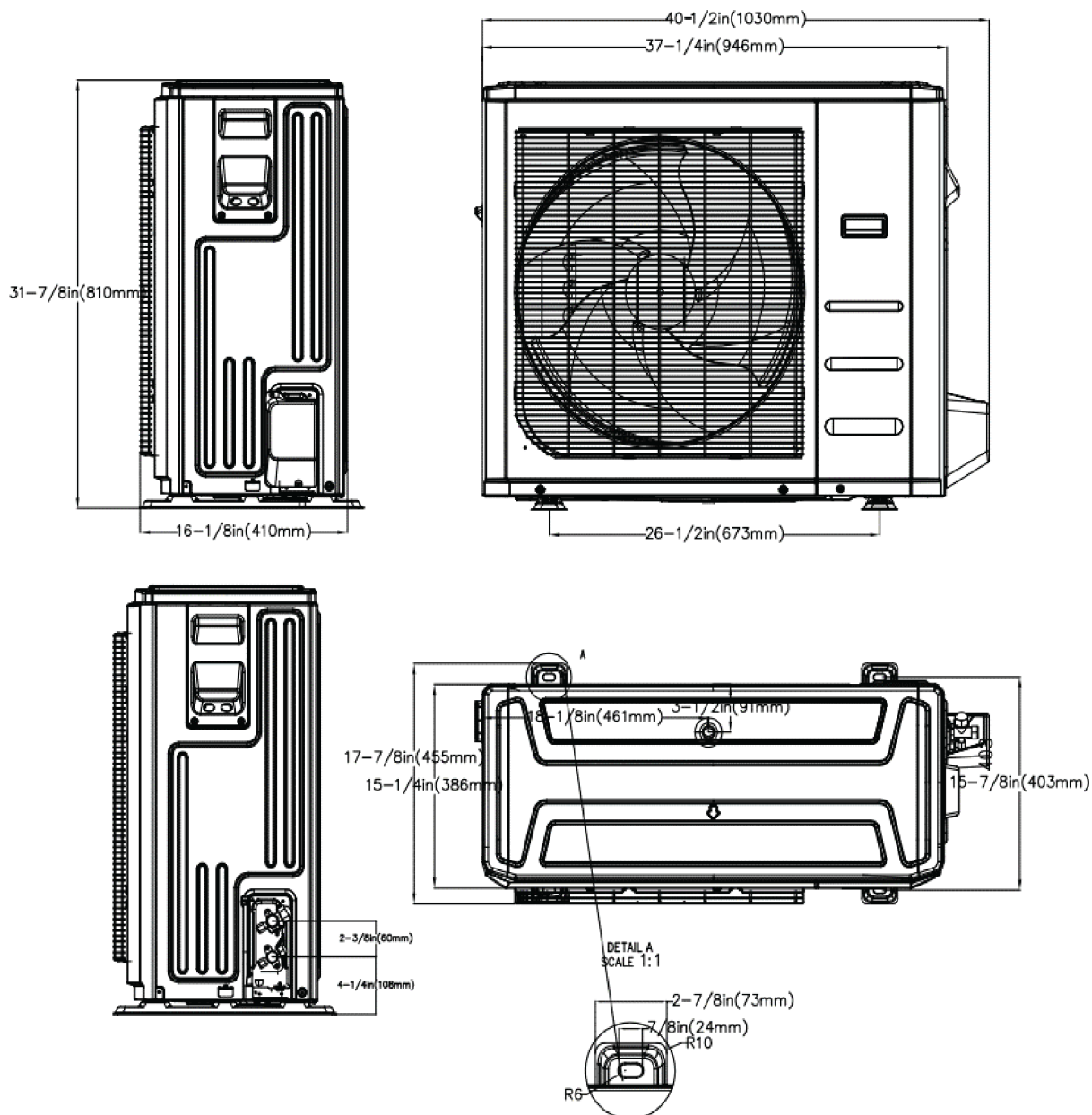
- Can be installed up to 2' from the ceiling
- Invert technology
- Refrigerant Sensor
- Humidity Sensor
- Auto-Swing for vertical and horizontal louvers
- Easy to remove blower wheel, magnetic filter on top
- Larger air inlet/outlet air flow
- Compatible with regular (-13°F) or Hyper (-22°F) outdoor units

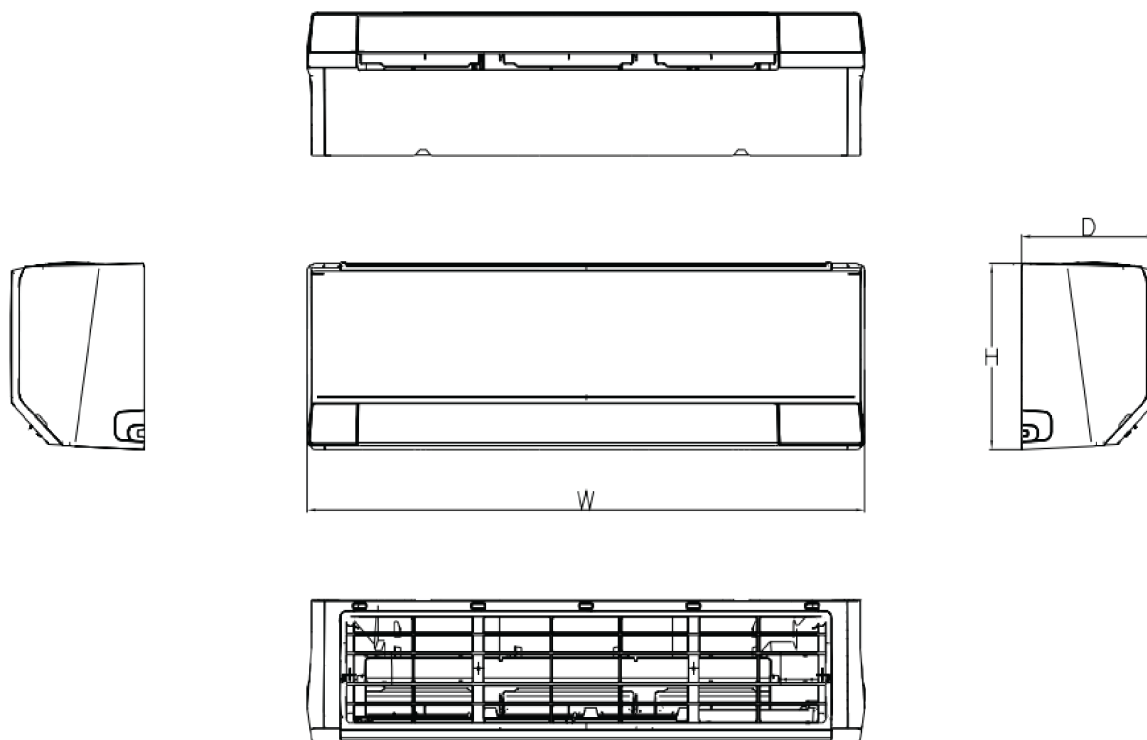
NOTES:



Indoor Model			CH-PRO30MASTWM-230VI
Power supply		V, Ph, Hz	208-230V, 1Ph, 60Hz
Communication wiring			AWG 14-4
Cooling	Capacity	Btu/h	30,000 (6,500~32,800)
	Input	W	2,500 (700~3,200)
	Rated current	A	11.2 (3.2~14)
	EER/EER2	Btu/w	12
	SEER/SEER2	Btu/w	20.5
Heating at 47 °F	Capacity	Btu/h	30,000(12,600~31,400)
	Input	W	2,857 (760~2,990)
	Rated current	A	13.1 (4.1~13.1)
	COP	W/W	3.08
	HSPF4/HSPF2-4		9.5
	HSPF5/HSPF2-5		7.2
Indoor fan motor		Qty	1
		Input (W)	58
		RLA (A)	0.7
Indoor air flow (Turbo/Hi/Med/Lo) (No duct)		CFM	882.9 / 635.7 / 506.2 / 382.6
ESP (range)		In.wg.	
Indoor noise level (Hi/Med/Lo)		dB(A)	45.5/40/30.5
Dehumidification		Pnt/H	8.45
Indoor unit	Dimensions (WxDxH)	inch	47.13 x 11.02 x 14.61
	Packing (WxDxH)	inch	50.39x14.17x17.91
	Net/Gross weight	lbs	43.21/54.67
Drainage water pipe diameter		inch	5/8"
Refrigerant piping (Liquid side/Gas side)		inch	3/8"/5/8"
Design pressure		PSIG	550/340
Controller			wire controller + remote controller available
Room temperature	Cooling	F	60~90
	Heating	F	32~86

Outdoor Model			CH-REL30-230VO
Power supply		V, Ph, Hz	208-230V, 1Ph, 60Hz
Min. circuit ampacity		A	28
Max. fuse		A	30
Compressor	Model		KTF250D22UMT
	Type		ROTARY
	Brand		GMCC
	Capacity	Btu/h	27,620
	Input	W	2,200
	Rated current (RLA)	A	17.5
	Refrigerant oil	oz	VG74 22.7
Outdoor fan motor	Qty		1
	Input	W	120
	RLA	A	1.3
	Speed	r/min	900/700/500
Outdoor air flow (Max)		CFM	2,235.3
Outdoor noise level (Max)		dB(A)	61
Throttle type			EXV+Capillary
Outdoor unit	Dimensions (WxDxH)	inch	37.24 x 16.14 x 31.89
	Packing (WxDxH)	inch	42.91 x 19.68 x 34.84
	Net/Gross weight	inch	142.86/154.54
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"/5/8"
	Max. pipe length	ft	164
	Max. difference in level	ft	82
Ambient temperature	Cooling	F	-13 ~ 122
	Heating	F	-13~75





Capacity	Body Code	Unit	W	D	H
6k~12k	B	mm	857	231	300
		inch	33-3/4	9-1/8	11-3/4
18k	C	mm	1024	246	321
		inch	40-1/4	9-3/4	12-5/8
24k~36k	D	mm	1197	280	371
		inch	47-1/8	11	14-5/8