

Job Name:

Location:

Engineer:

Submitted to:

Submitted by:

Reference:

Date:

Approval:

Construction:

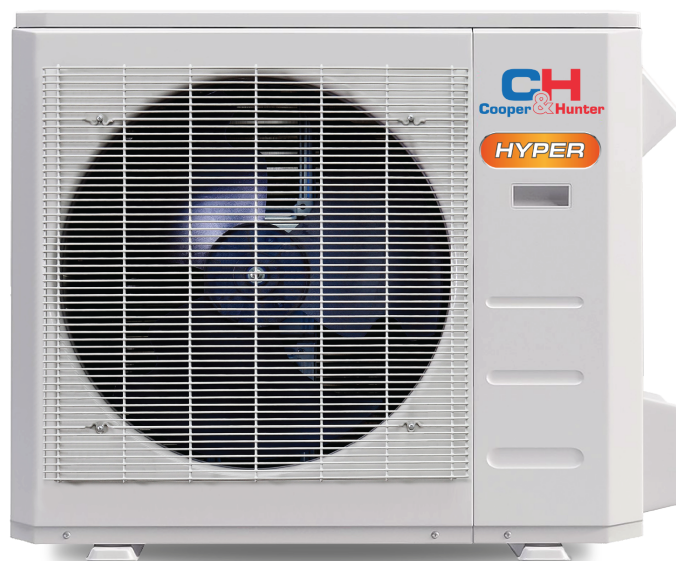
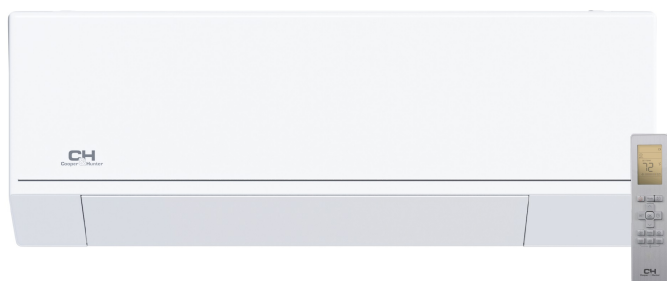
Unit #:

Drawing #:

KEY FEATURES:

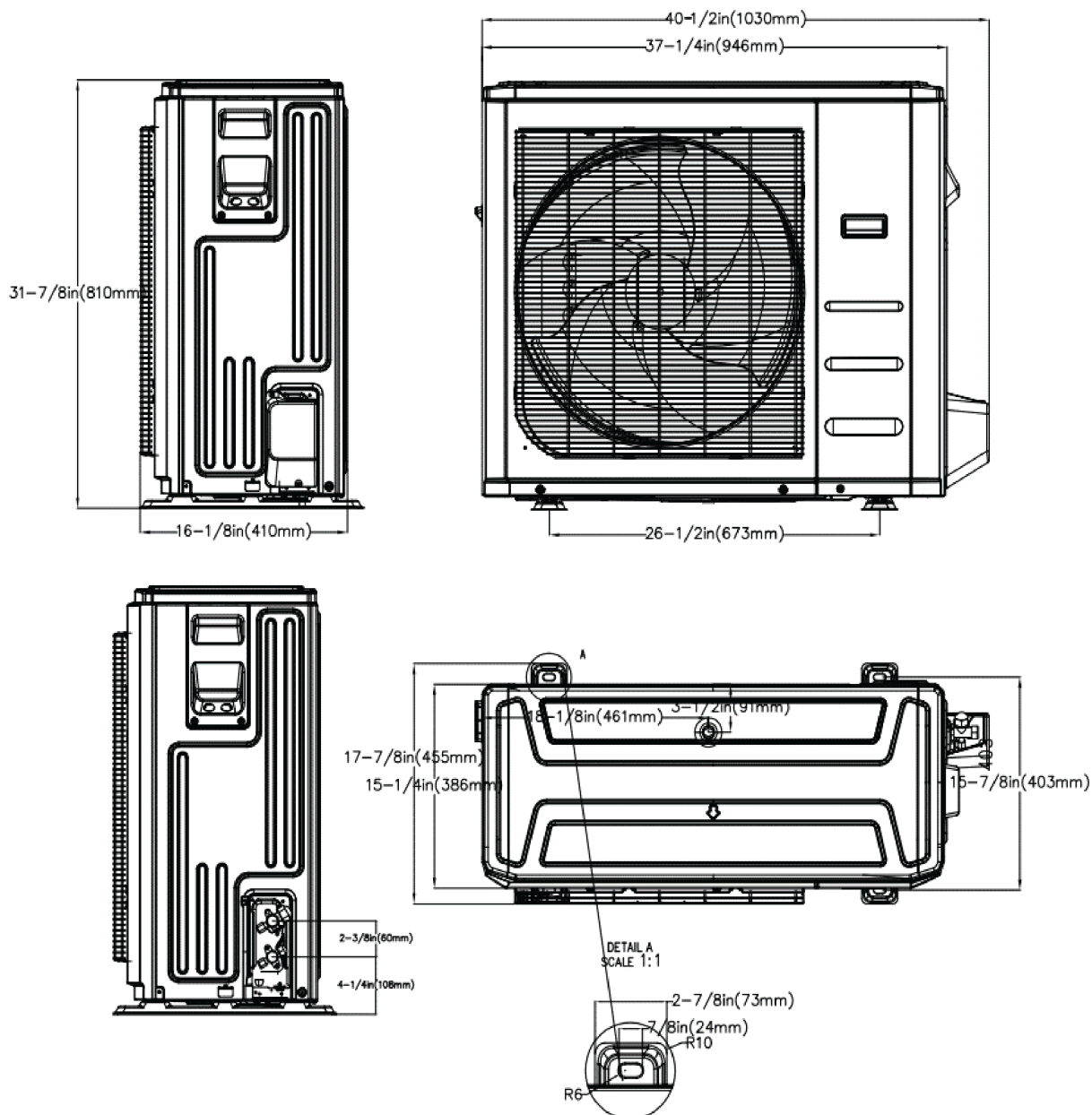
- Can be installed up to 2' from the ceiling
- Invert technology
- Refrigerant Sensor
- Humidity Sensor
- Auto-Swing for vertical and horizontal louvers
- Easy to remove blower wheel, magnetic filter on top
- Larger air inlet/outlet air flow
- Compatible with regular (-13°F) or Hyper (-22°F) outdoor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

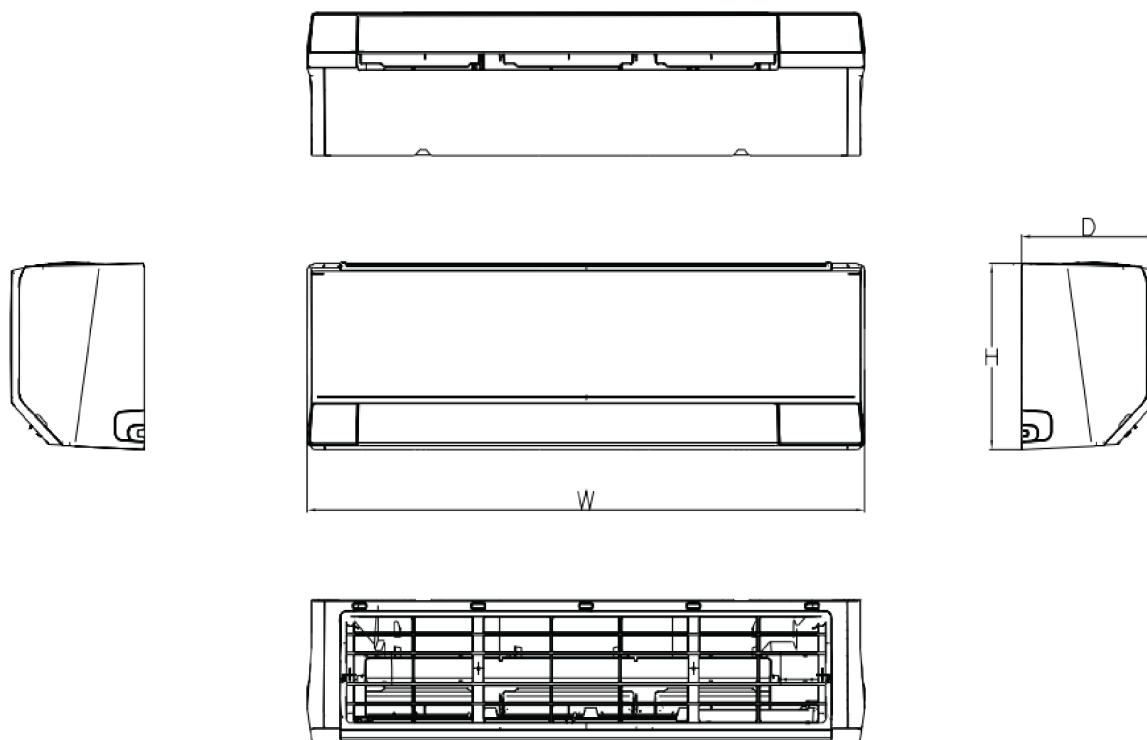
NOTES:



Indoor Model			CH-PRO24MASTWM-230VI
Power supply		V, Ph, Hz	208-230V, 1Ph, 60Hz
Communication wiring			AWG 14-4
Cooling	Capacity	Btu/h	24,000 (12,600~27,900)
	Input	W	1,846 (940~2,280)
	Rated current	A	8.3 (4.3~10)
	EER/EER2	Btu/w	13.0
	SEER/SEER2	Btu/w	21.0
Heating at 47 °F	Capacity	Btu/h	29,000 (11,800~29,700)
	Input	W	2,485 (675~2,570)
	Rated current	A	11 (3.7~11.3)
	COP	W/W	3.42
	HSPF4/HSPF2-4		13.5
	HSPF5/HSPF2-5		9.8
Indoor fan motor		Qty	1
		Input (W)	58
		RLA (A)	1.3
Indoor air flow (Turbo/Hi/Med/Lo) (No duct)		CFM	812.3 / 618.0 / 412.0 / 317.8
ESP (range)		In.wg.	
Indoor noise level (Hi/Med/Lo)		dB(A)	43.5/38.5/27
Dehumidification		Pnt/H	5.71
Indoor unit	Dimensions (WxDxH)	inch	47.13 x 11.02 x 14.61
	Packing (WxDxH)	inch	50.39x14.17x17.91
	Net/Gross weight	lbs	43.65/55.56
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-RHP24-230VO
Power supply		V, Ph, Hz	208-230V, 1Ph, 60Hz
Min. circuit ampacity		A	24.9
Max. fuse		A	25
Compressor	Model		KTM240D46UKT2
	Type		ROTARY
	Brand		GMCC
	Capacity	Btu/h	25,930
	Input	W	2,045
	Rated current (RLA)	A	15
	Refrigerant oil	oz	VG74 21
Outdoor fan motor	Qty		1
	Input	W	120
	RLA	A	1.3
	Speed	r/min	950/800/500
Outdoor air flow (Max)		CFM	2,235.3
Outdoor noise level (Max)		dB(A)	61.5
Throttle type			EXV+Throttle valve
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	130.29/141.31
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	-22 ~ 122
	Heating	F	-22~75





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