

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:

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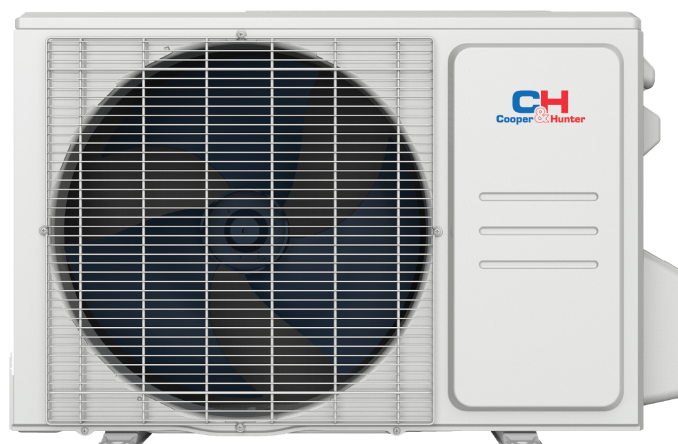
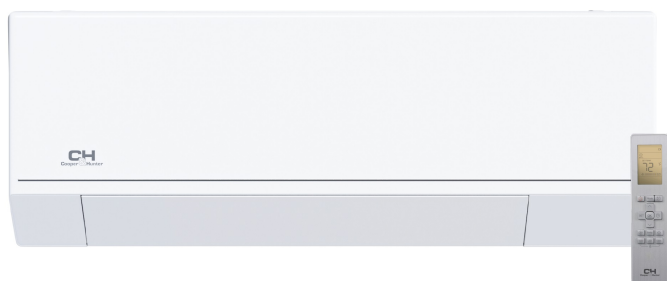
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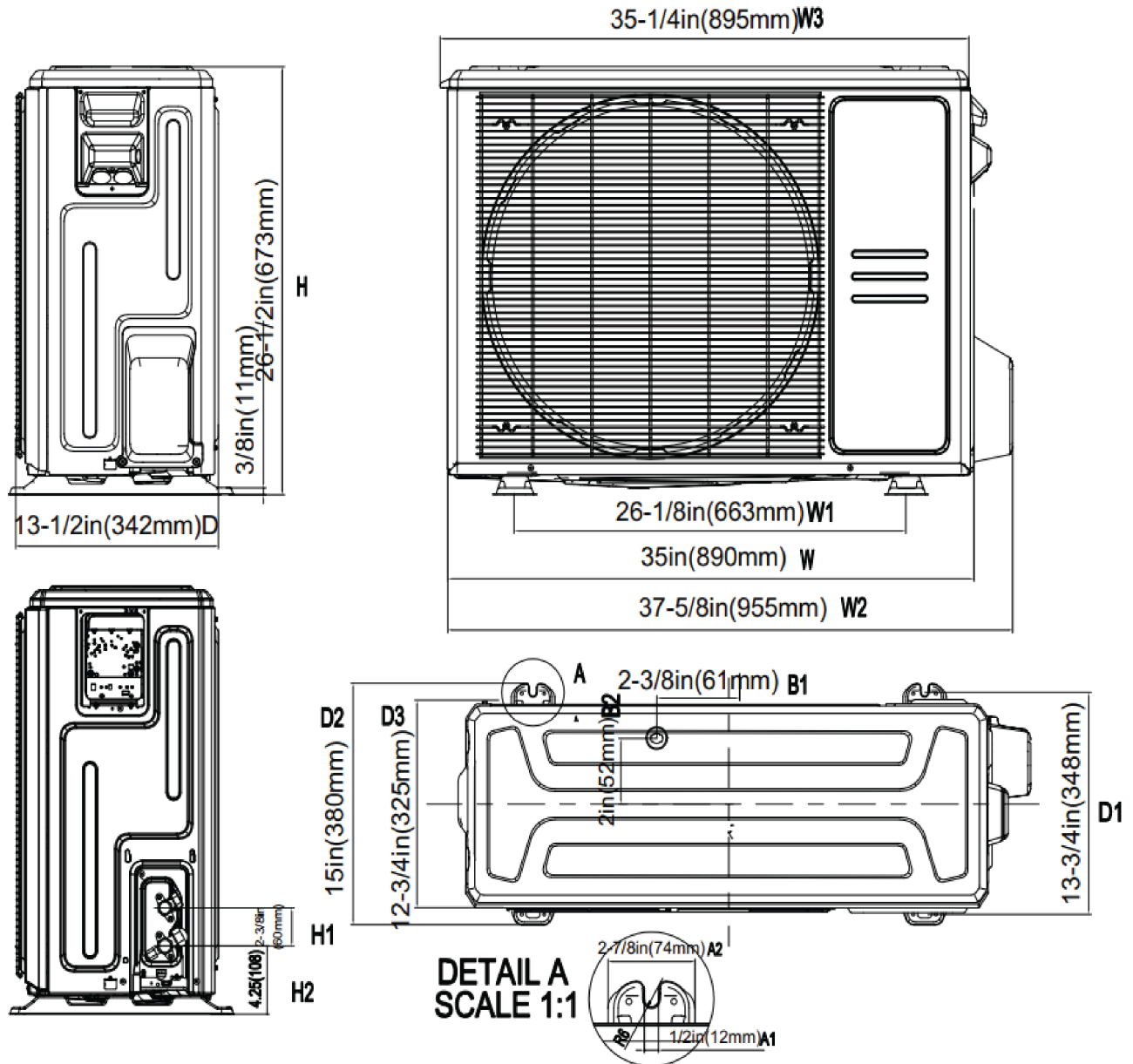
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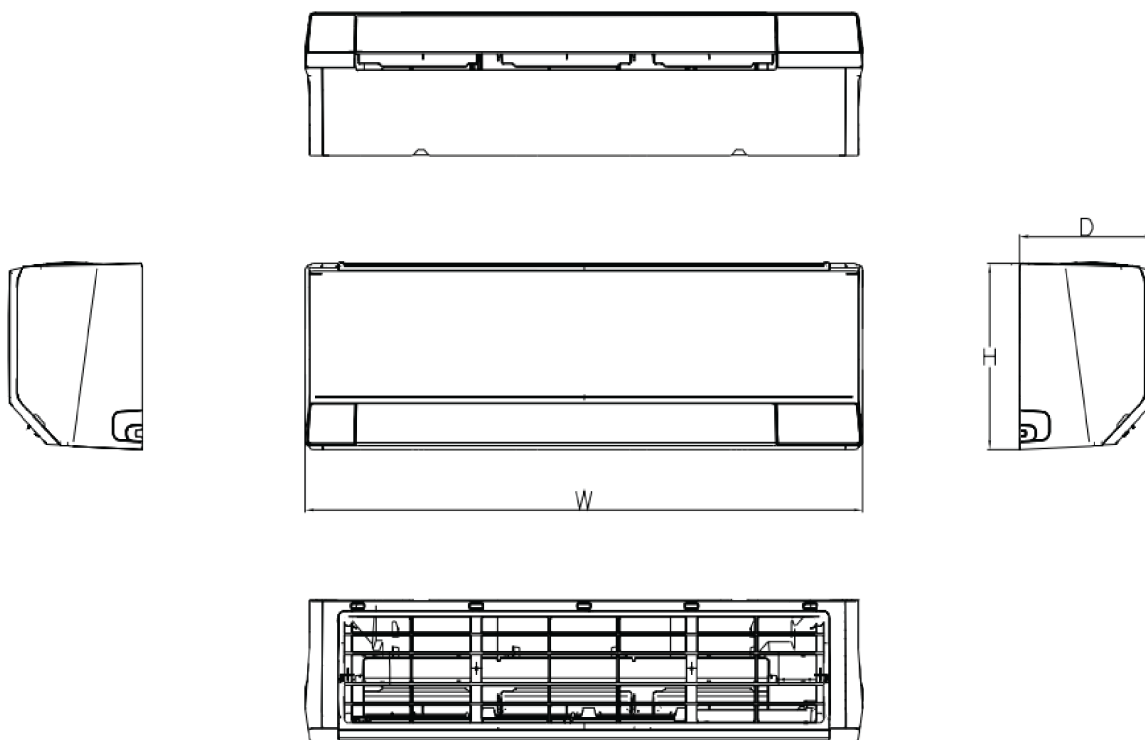
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Indoor Model			CH-PRO18MASTWM-230VI
Power supply		V, Ph, Hz	208-230V, 1Ph, 60Hz
Communication wiring			AWG 14-4
Cooling	Capacity	Btu/h	18,000 (3,500~18,900)
	Input	W	1,406 (420~1,630)
	Rated current	A	6.3 (1.9~7.2)
	EER/EER2	Btu/w	12.7
	SEER/SEER2	Btu/w	23.5
Heating at 47 °F	Capacity	Btu/h	18,000 (7,700~21,000)
	Input	W	1,507 (415~1,910)
	Rated current	A	6.7 (2.3~8.4)
	COP	W/W	3.5
	HSPF4/HSPF2-4		10.8
	HSPF5/HSPF2-5		8
Indoor fan motor		Qty	1
		Input (W)	30
		RLA (A)	0.8
Indoor air flow (Turbo/Hi/Med/Lo) (No duct)		CFM	635.7 / 500.3 / 359 / 294.3
ESP (range)		In.wg.	
Indoor noise level (Hi/Med/Lo)		dB(A)	45/39/28
Dehumidification		Pnt/H	4.23
Indoor unit	Dimensions (WxDxH)	inch	40.31 x 9.69 x 12.64
	Packing (WxDxH)	inch	43.11x12.80x15.75
	Net/Gross weight	lbs	27.34/36.60
Drainage water pipe diameter		inch	5/8"
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	1,764.7
Outdoor noise level (Max)		dB(A)	58
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





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