

Job Name:

Location:

Engineer:

Submitted to:

Submitted by:

Reference:

Date:

Approval:

Construction:

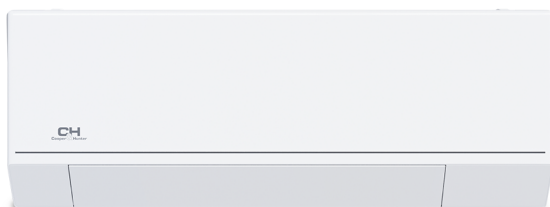
Unit #:

Drawing #:

KEY FEATURES:

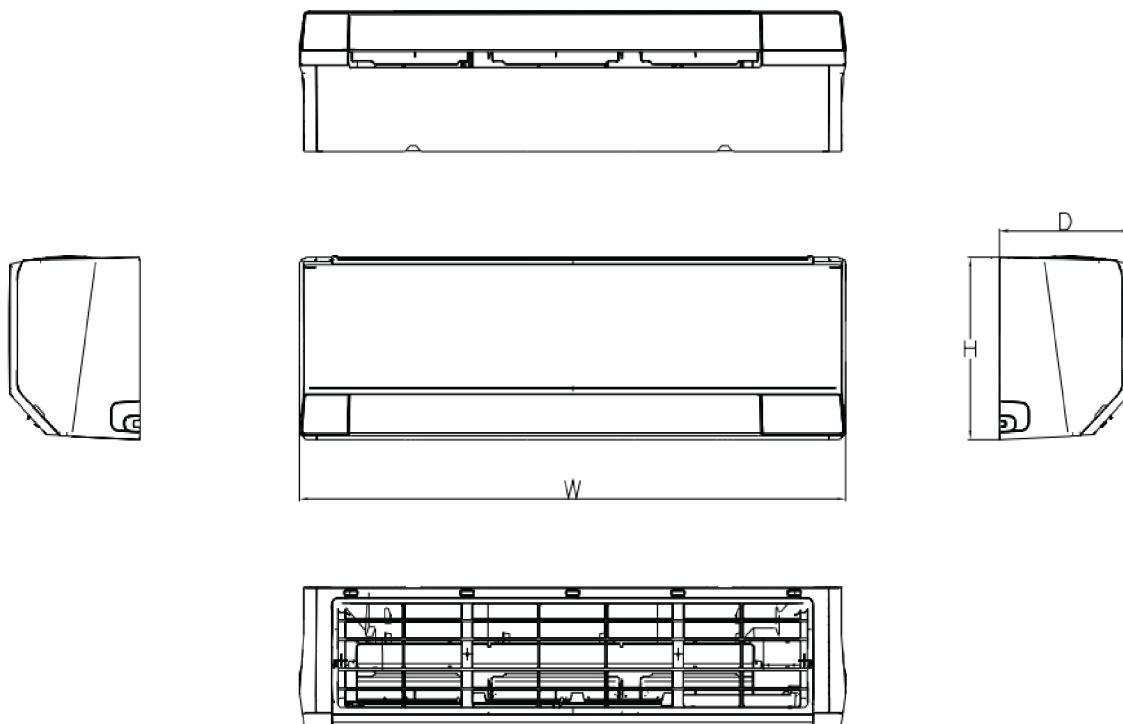
- Can be installed up to 2' from the ceiling
- Invert technology
- Refrigerant Sensor
- Humidity Sensor
- Auto-Swing for vertical and horizontal louvers
- Easy to remove blower wheel, magnetic filter on top
- Larger air inlet/outlet air flow
- Compatible with regular (-13°F) or Hyper (-22°F) outdoor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

NOTES:



Indoor Model			CH-PRO33HASTWM-230VI
Power supply		V, Ph, Hz	208-230V, 1Ph, 60Hz
Communication wiring			AWG 14-4
Cooling	Capacity	Btu/h	33,000 (15,000~37,000)
	Input	W	2,750 (440~3,450)
	Rated current	A	12.7 (3.1~15.4)
	EER/EER2	Btu/w	12
	SEER/SEER2	Btu/w	19.5
Heating at 47 °F	Capacity	Btu/h	36,000 (19,700~37,800)
	Input	W	3,131 (1,250~3,970)
	Rated current	A	13.7 (6.8~17.5)
	COP	W/W	3.37
	HSPF4/HSPF2-4		10.5
	HSPF5/HSPF2-5		8.6
Indoor fan motor		Qty	1
		Input (W)	58
		RLA (A)	1.6
Indoor air flow (Turbo/Hi/Med/Lo) (No duct)		CFM	865.2 / 735.8 / 600.4 / 423.8
ESP (range)		In.wg.	/
Indoor noise level (Hi/Med/Lo)		dB(A)	53/46.5/35.5
Dehumidification		Pnt/H	8.88
Indoor unit	Dimensions (WxDxH)	inch	47.13 x 11.02 x 14.61
	Packing (WxDxH)	inch	50.39x14.17x17.91
	Net/Gross weight	lbs	43.21/55.78
Drainage water pipe diameter		inch	5/8"
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-RHP33-230VO
Power supply		V, Ph, Hz	208-230V, 1Ph, 60Hz
Min. circuit ampacity		A	34
Max. fuse		A	35
Compressor	Model		KTF420D62UNT
	Type		Twin-ROTARY
	Brand		GMCC
	Capacity	Btu/h	45,890 ± 3%
	Input	W	3,540 ± 3%
	Rated current (RLA)	A	24.5
	Refrigerant oil	oz	VG74 33.8
Outdoor fan motor	Qty		1
	Input	W	230
	RLA	A	1.5
	Speed	r/min	800/700/500
Outdoor air flow (Max)		CFM	2,235.3
Outdoor noise level (Max)		dB(A)	63.5
Throttle type			EXV
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	lbs	156.97/167.99
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	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

