

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
- E-Box and PCB located in the front of the unit with a cover kickstand providing easy access
- Revolutionary design offers convenient disassembly & maintenance with an easy-to-remove blower wheel
- Larger air inlet/outlet for improved air flow
- Auto-Swing for vertical and horizontal louvers
- Easy to remove magnetic filter on top
- Compatible with regular (-13°F) or Hyper (-22°F) outdoor units

NOTES:



ASTORIA

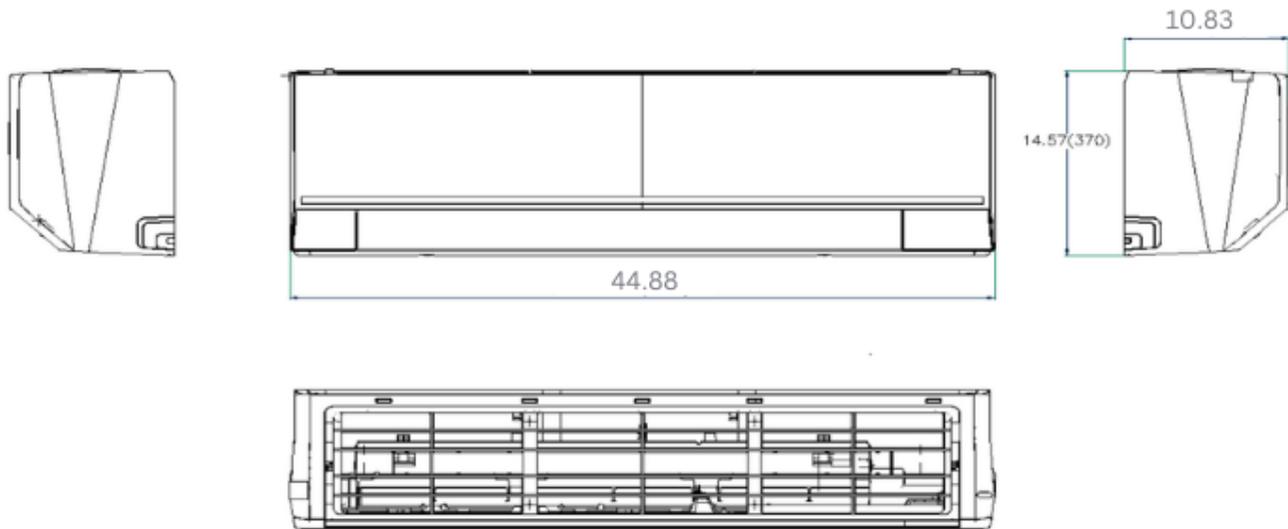


Indoor Model			CH-35HASTWM-230VI
Power supply		V, Ph, Hz	208-230V, 1Ph, 60Hz
Communication wiring			14AWG*4
Cooling	Capacity	Btu/h	33,000(15,000~39,700)
	Input	w	2,750(440~3,825)
	Rated current	A	18.0(3.1~17.0)
	EER/EER2	Btu/w	12
	SEER/SEER2	Btu/w	19.5
Heating at 47 °F	Capacity	Btu/h	35,000(19,000~40,000)
	Input	W	3,290(1,250~3,920)
	Rated current	A	20.5(8.4~17.4)
	COP	W/W	3.12
	HSPF4/HSPF2-4		10
	HSPF5/HSPF2-5		8
Indoor fan motor		Qty	1
		Input	58
		RLA	0.88
Indoor air flow (Turbo/Hi/Med/Lo) (No duct)		CFM	894.12/770.59/600.00/423.53
ESP (range)		In.wg.	
Indoor noise level (Hi/Med/Lo)		dB(A)	52/46/35
Dehumidification		L/H	8.14
Indoor unit	Dimensions (WxDxH)	inch	47.09x10.98x14.57
	Packing (WxDxH)	inch	50.39x14.17x17.91
	Net/Gross weight	lbs	43.43/55.11
Drainage water pipe diameter		inch	5/8"
Refrigerant piping (Liquid side/Gas side)		inch	3/8"/3/4"
Design pressure		PSIG	550/340
Controller			RG10K-exclusive remote
Room temperature	Cooling	F	60~90
	Heating	F	32~86

Outdoor Model			CH-HPR35-230VO
Power supply		V, Ph, Hz	208-230V, 1Ph, 60Hz
Min. circuit ampacity		A	36
Max. fuse		A	40
Compressor	Model		KTF420D62UNT
	Type		Twin-ROTARY
	Brand		GMCC
	Capacity	Btu/h	45,750
	Input	w	3,525
	Rated current (RLA)	A	16.67
	Refrigerant oil	oz	VG74 33.8
Outdoor fan motor	Qty		1
	Input	w	230
	RLA	A	0.8
	Speed	r/min	800/500
Outdoor air flow (Max)		CFM	2,235.29
Outdoor noise level (Max)		dB(A)	63
Throttle type			EXV+Throttle valve
Outdoor unit	Dimensions (WxDxH)	inch	37.24x16.14x31.89
	Packing (WxDxH)	inch	42.91x19.69x34.84
	Net/Gross weight	inch	159.83/168.87
Refrigerant	Type		R410A
	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	164.04
	Max. difference in level	ft	82.02
Ambient temperature	Cooling	F	-22~122
	Heating	F	-22~75



Units: in (mm)



Dimension (WxDxH)
44.88x10.83x14.57

