

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-30ASTWM-230VI
Power supply		V, Ph, Hz	208-230V, 1Ph, 60Hz
Communication wiring			14AWG*4
Cooling	Capacity	Btu/h	30,000(9,070~30,700)
	Input	w	2,605(420~3,130)
	Rated current	A	11.4(3~13.9)
	EER/EER2	Btu/w	11.5
	SEER/SEER2	Btu/w	20
Heating at 47 °F	Capacity	Btu/h	30,000(8,600~34,800)
	Input	W	3,380(580~3,500)
	Rated current	A	14.7(4.07~15.5)
	COP	W/W	2.6
	HSPF4/HSPF2-4		9.2
	HSPF5/HSPF2-5		7.1
Indoor fan motor		Qty	1
		Input	58
		RLA	0.5
Indoor air flow (Turbo/Hi/Med/Lo) (No duct)		CFM	842.94/646.47/505.29/382.35
ESP (range)		In.wg.	
Indoor noise level (Hi/Med/Lo)		dB(A)	46/40.5/33
Dehumidification		L/H	7.65
Indoor unit	Dimensions (WxDxH)	inch	44.88x10.83x14.57
	Packing (WxDxH)	inch	48.43x17.91x13.98
	Net/Gross weight	lbs	43.65/54.89
Drainage water pipe diameter		inch	5/8"
Refrigerant piping (Liquid side/Gas side)		inch	3/8"/5/8"
Design pressure		PSIG	550/340
Controller			RG10K-exclusive remote
Room temperature	Cooling	F	60~90
	Heating	F	32~86

Outdoor Model			CH-EL30-230VO
Power supply		V, Ph, Hz	208-230V, 1Ph, 60Hz
Min. circuit ampacity		A	23
Max. fuse		A	30
Compressor	Model		KTF250D22UMT
	Type		ROTARY
	Brand		GMCC
	Capacity	Btu/h	27,620
	Input	w	2,200
	Rated current (RLA)	A	15
	Refrigerant oil	oz	VG74 22.7
Outdoor fan motor	Qty		1
	Input	w	150
	RLA	A	0.6
	Speed	r/min	900/750
Outdoor air flow (Max)		CFM	2,235.29
Outdoor noise level (Max)		dB(A)	61.5
Throttle type			EXV+Capillary
Outdoor unit	Dimensions (WxDxH)	inch	37.24x16.14x31.89
	Packing (WxDxH)	inch	42.91x19.69x34.84
	Net/Gross weight	inch	141.76/151.90
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"/5/8"
	Max. pipe length	ft	164.04
	Max. difference in level	ft	82.02
Ambient temperature	Cooling	F	5~122
	Heating	F	5~75



Units: in (mm)



Dimension (WxDxH)
44.88x10.83x14.57

