

Job Name: _____

Location: _____

Engineer: _____

Submitted to: _____

Submitted by: _____

Reference: _____

Date: _____

Approval: _____

Construction: _____

Unit #: _____

Drawing #: _____

KEY FEATURES:

- Top Discharge, Cooling Only
- R32 Refrigerant (A2L), Low GWP and improved efficiency
- Multi-Application Compatible, works with C&H AHU, WAHU, and third-party AHUs
- Built-in Safety Protections, including high/low pressure, overload, and temperature protection
- Gold Fin Protection: Delivers superior corrosion resistance and dependable long-term performance

NOTES:



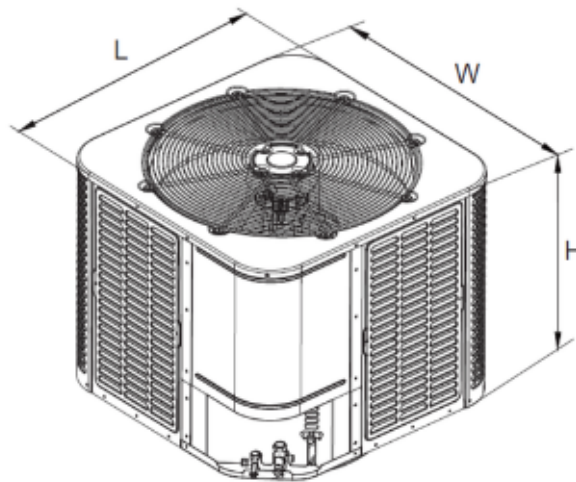
Outdoor Model			CH-UC48-230VO
Power supply		V, Ph, Hz	208-230V, 1Ph, 60Hz
Min. circuit ampacity		A	30
Max. fuse		A	45
Compressor	Model		TBH039KA
	Type		SCROLL
	Brand		LG
	Capacity	Btu/h	47,500
	Input	w	3,000
	Rated current (RLA)	A	2.7
	Refrigerant oil	oz	POE 43.2
Outdoor fan motor	Qty		1
	Output	w	230
	RLA	A	2.7
	Speed	r/min	1,100
Outdoor air flow (Max)		CFM	/
Outdoor noise level (Max)		dB(A)	65
Throttle type			Piston
Outdoor unit	Dimensions (WxDxH)	inch	29-1/7×32-7/8×29-1/7
	Packing (WxDxH)	inch	29-9/10×34-2/5×29-9/10
	Net/Gross weight	lbs	203/212
Refrigerant	Type		R32
	Precharge	ft	15
Additional charge for 1/4 inch liquid pipe		oz	/
Additional charge for 3/8 inch liquid pipe		oz	0.47 oz/ft
Refrigerant piping	Liquid side/Gas side	inch	3/8" 7/8"
	Max. pipe length	ft	131
	Max. difference in level	ft	66
Ambient temperature	Cooling	F	57-118
	Heating	F	/

Condensing Unit

R32 Scroll Series Air Conditioner

14.3 SEER2

Cooling capacity: 42-60 kBTU/h



Model Size	Unit Width "W" in. [mm]	Unit Height "H" in. [mm]	Unit Length "L" in. [mm]	Packing (W*H*D) in. [mm]	Unit Weight (lbs.[kg])
42	29-1/7 [740]	32-7/8 [835]	29-1/7 [740]	29-9/10×34-2/5×29-9/10[760×875×760]	176 [80]
48	29-1/7 [740]	32-7/8 [835]	29-1/7 [740]	29-9/10×34-2/5×29-9/10[760×875×760]	196 [89]
60	29-1/7 [740]	32-7/8 [835]	29-1/7 [740]	29-9/10×34-2/5×29-9/10[760×875×760]	207 [94]