

**Job Name:** \_\_\_\_\_

**Location:** \_\_\_\_\_

**Engineer:** \_\_\_\_\_

**Submitted to:** \_\_\_\_\_

**Submitted by:** \_\_\_\_\_

**Reference:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Approval:** \_\_\_\_\_

**Construction:** \_\_\_\_\_

**Unit #:** \_\_\_\_\_

**Drawing #:** \_\_\_\_\_

### KEY FEATURES:

- A-shaped coil
- Fully-insulated cabinet, 2% or less air leakage rate.
- Multi-Stage blower Speed Control
- 4-position installation
- Dual front panel, volute and coil with slide track
- Easy-to-braze copper evaporator connection
- Advanced internal welding process to reduce corrosion
- R32 refrigerant sensor ensures safe operation.

### NOTES:

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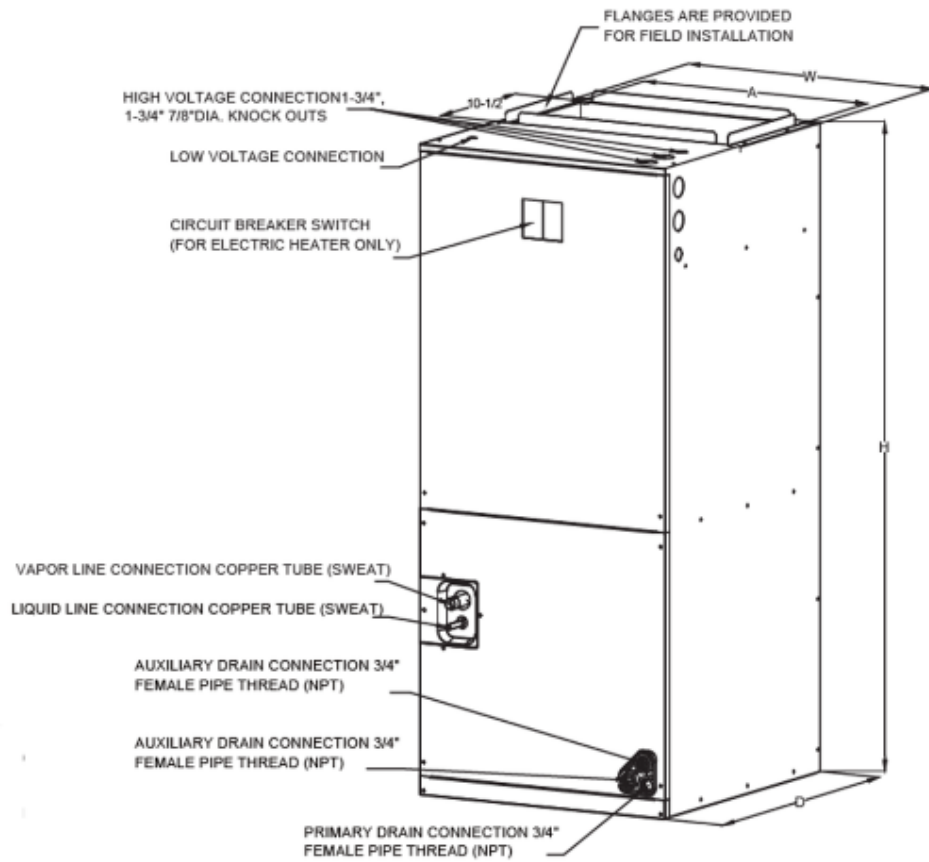
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Indoor Model			CH-UC60AHU
Power supply		V, Ph, Hz	208-230V, 1Ph, 60Hz
Communication wiring			AWG 16
Cooling	Capacity	Btu/h	56,000
	Input	w	4,786
	Rated current	A	25.70
	EER2	Btu/w	11.7
	SEER2	Btu/w	14.3
Heating at 47 °F	Capacity	Btu/h	/
	Input	W	/
	Rated current	A	/
	COP	W/W	/
	HSPF4/HSPF2-4		/
	HSPF5/HSPF2-5		/
Indoor fan motor	Qty		1
	Output W		560
	RLA		/
Indoor air flow (Turbo/Hi/Med/Lo) (No duct)		CFM	1,700
ESP (range)		In.wg.	0-0.8
Indoor noise level (Hi/Med/Lo)		dB(A)	60
Dehumidification		L/H	12.40
Indoor unit	Dimensions (WxDxH)	inch	22×53-1/8×24-1/2
	Packing (WxDxH)	inch	28×54-3/4×25-1/5
	Net/Gross weight	lbs	170/183
Drainage water pipe diameter		inch	3/4"
Refrigerant piping (Liquid side/Gas side)		inch	3/8" 7/8"
Design pressure		PSIG	580/188
Controller			NO
Room temperature	Cooling	F	57~118
	Heating	F	/

Outdoor Model		CH-UC60-230VO	
Power supply	V, Ph, Hz	208-230V, 1Ph, 60Hz	
Min. circuit ampacity	A	40	
Max. fuse	A	50	
Compressor	Model	TBH051KA	
	Type	SCROLL	
	Brand	LG	
	Capacity	Btu/h	62,500
	Input	w	3,900
	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	216/227
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	/

**Air Handlers**  
**R32 Scroll Series**  
**14.3 SEER2**  
**Cooling capacity: 42-60 kBTU/h**



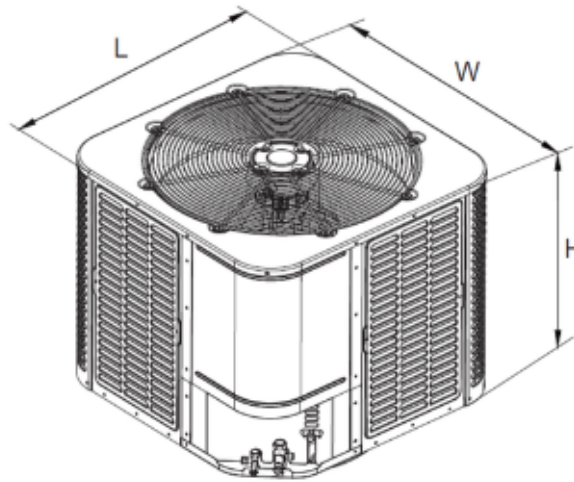
Model Size	Unit Height "H" in. [mm]	Unit Width "W" in. [mm]	Unit Length "D" in. [mm]	Supply Duct "A"	Unit Weight (lbs.[kg])
42	53-1/8 [1350]	22" [560]	24 -1/2[623]	19-1/2" [496]	159 [72]
48	53-1/8 [1350]	22" [560]	24 -1/2[623]	19-1/2" [496]	159 [72]
60	53-1/8 [1350]	22" [560]	24 -1/2[623]	19-1/2" [496]	170 [77]

**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]