

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.

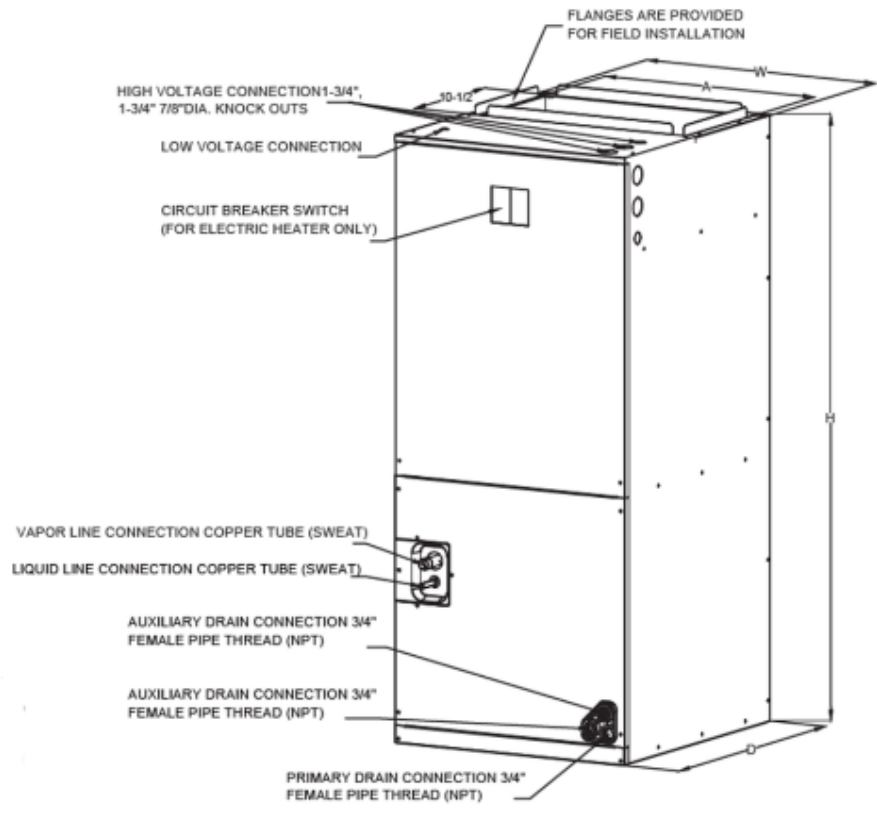
NOTES:



Indoor Model			CH-UC18AHU
Power supply		V, Ph, Hz	208-230V, 1Ph, 60Hz
Communication wiring			AWG 16
Cooling	Capacity	Btu/h	17,600
	Input	w	1,504
	Rated current	A	7.88
	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		249
	RLA		/
Indoor air flow (Turbo/Hi/Med/Lo) (No duct)		CFM	690
ESP (range)		In.wg.	0-0.8
Indoor noise level (Hi/Med/Lo)		dB(A)	50
Dehumidification		L/H	2.43
Indoor unit	Dimensions (WxDxH)	inch	19-5/8x45-3/4x22
	Packing (WxDxH)	inch	22-5/6x47-5/8x25-3/5
	Net/Gross weight	lbs	119/133
Drainage water pipe diameter		inch	3/4"
Refrigerant piping (Liquid side/Gas side)		inch	3/8" 3/4"
Design pressure		PSIG	580/188
Controller			NO
Room temperature	Cooling	F	57~118
	Heating	F	/

Outdoor Model		CH-UC18-230VO	
Power supply	V, Ph, Hz	208-230V, 1Ph, 60Hz	
Min. circuit ampacity	A	12	
Max. fuse	A	15	
Compressor	Model	KSF150N2VKTB3	
	Type	ROTARY	
	Brand	GMCC	
	Capacity	Btu/h	19,070
	Input	w	1,290
	Rated current (RLA)	A	1.5
	Refrigerant oil	oz	VG74 21.6
Outdoor fan motor	Qty	1	
	Output	w	120
	RLA	A	1.5
	Speed	r/min	1,050
Outdoor air flow (Max)	CFM	/	
Outdoor noise level (Max)	dB(A)	59	
Throttle type	Piston		
Outdoor unit	Dimensions (WxDxH)	inch	21-4/5×25×21-4/5
	Packing (WxDxH)	inch	22-3/5×26×22-3/5
	Net/Gross weight	lbs	111/116
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" 3/4"
	Max. pipe length	ft	131
	Max. difference in level	ft	66
Ambient temperature	Cooling	F	57-118
	Heating	F	/

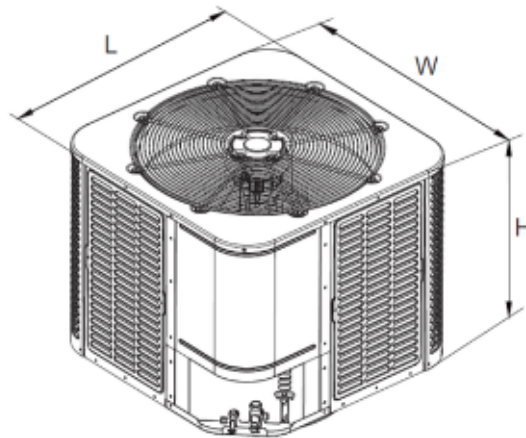
Air Handlers
R32 Rotary Series
14.3 SEER2
Cooling capacity: 18-36 kBTU/h



Model Size	Unit Height "H" in. [mm]	Unit Width "W" in. [mm]	Unit Length "D" in. [mm]	Supply Duct "A"	Unit Weight (lbs.[kg])
18	45-3/4 [1162]	19-5/8 [500]	22 [560]	17-7/8 [454]	119 [54]
24	45-3/4 [1162]	19-5/8 [500]	22 [560]	17-7/8 [454]	128 [58]
30	45-3/4 [1162]	19-5/8 [500]	22 [560]	17-7/8 [454]	129 [58.5]
36	45-3/4 [1162]	19-5/8 [500]	22 [560]	17-7/8 [454]	129 [58.5]



Condensing Unit
R32 Rotary Series Air Conditioner
14.3 SEER2
Cooling capacity: 18-36 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])
18	21-4/5 [554]	25 [633]	21-4/5 [554]	22-3/5x25-9/10x22-3/5[575 x 660 x 575]	116 [50]
24	21-4/5 [554]	25 [633]	21-4/5 [554]	22-3/5x25-9/10x22-3/5[575 x 660 x 575]	116 [50]
30	29-1/7 [740]	25 [633]	29-1/7 [740]	30x26xx30[760x 660x760]	139 [63]
36	29-1/7 [740]	25 [633]	29-1/7 [740]	30x26xx30[760x 660x760]	146 [66]