

Job Name:	_____	Date:	_____
Location:	_____	Approval:	_____
Engineer:	_____	Construction:	_____
Submitted to:	_____	Unit #:	_____
Submitted by:	_____	Drawing #:	_____
Reference:	_____		_____

KEY FEATURES:

- Wide range for flexible installation (18K - 60K)
- Compatible with existing furnaces
- Multi-position Installation: Horizontal (left/right), Vertical (up/down)
- Completely insulated cabinet ensures the evaporator coil runs quietly and efficiently by providing sound and thermal proofing
- Full compatibility with universal third party outdoor condensing units utilizing R454B refrigerant and a 24V control interface
- TXV Valve
- Flared connection type
- Aluminum coil with anti-corrosive GoldFin coating
- R454B refrigerant sensor
- Easy access for coil maintenance
- Multiple control options available: 2-way communication wired controller with
- Built-in Smart communication (120F Thermostat) or third party 24V Thermostat
- Durable L-shaped drain pans with a precise slope for efficient water drainage and better moisture removal.

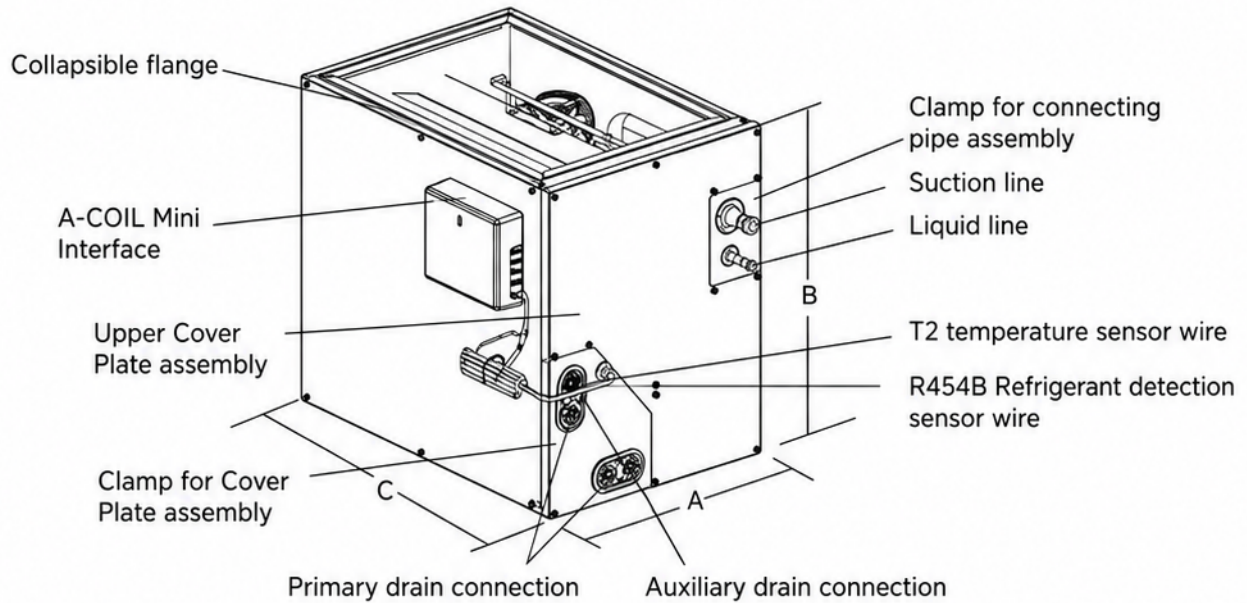
NOTES:



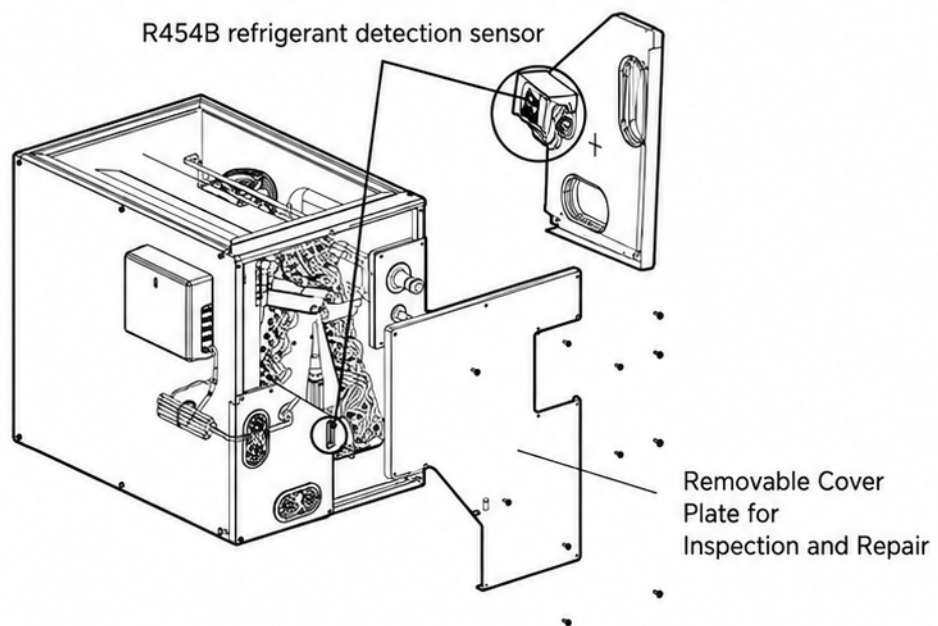
Indoor Model			CH-ACL30-36B
Power supply		V, Ph, Hz	208-230V, 1Ph, 60Hz
Communication wiring		AWG	20-2
Cooling	Capacity	Btu/h	36,000 (12,100~41,000)
	Input	w	3,364 (1,020~4,520)
	Rated current	A	14.6 (4.4~18.5)
	EER/EER2	Btu/w	10.7
	SEER/SEER2	Btu/w	15.8
Heating at 47 °F	Capacity	Btu/h	38,000 (11,500~46,000)
	Input	W	3,375 (800~4,540)
	Rated current	A	14.7 (4.5~19.8)
	COP	W/W	3.3
	HSPF4/HSPF2-4		9.4
	HSPF5/HSPF2-5		7.9
Indoor fan motor	Qty		1
	Input		/
	RLA		/
Indoor air flow (Turbo/Hi/Med/Lo) (No duct)		CFM	/
ESP (range)		ln.wg.	/
Indoor noise level (Hi/Med/Lo)		dB(A)	/
Dehumidification		L/H	10.4
Indoor unit	Dimensions (WxDxH)	inch	17-1/2 x 21 x 23-1/2
	Packing (WxDxH)	inch	20-1/2 x 26-1/8 x 26-3/8
	Net/Gross weight	lbs	59.5 / 68
Drainage water pipe diameter		inch	1"
Refrigerant piping (Liquid side/Gas side)		inch	3/8"/3/4"
Design pressure		PSIG	550/340
Controller			120N wire controller
Room temperature	Cooling	F	60~90
	Heating	F	32~86

Outdoor Model			CH-PQ36X-230VO
Power supply		V, Ph, Hz	208-230V, 1Ph, 60Hz
Min. circuit ampacity		A	32
Max. fuse		A	35
Compressor	Model		EKPQ420D1UMUA
	Type		TWIN-ROTARY
	Brand		GMCC
	Capacity	Btu/h	40,940
	Input	w	3,265
	Rated current (RLA)	A	23.0
	Refrigerant oil	oz	VG75 49.4
Outdoor fan motor	Qty		1
	Input	w	250
	RLA	A	2.0
	Speed	r/min	800/750/650
Outdoor air flow (Max)		CFM	3,002
Outdoor noise level (Max)		dB(A)	64
Throttle type			EXV
Outdoor unit	Dimensions (WxDxH)	inch	38-9/16 x 16-3/8 x 38-3/8
	Packing (WxDxH)	inch	45-1/16 x 19-11/16 x 42-1/2
	Net/Gross weight	inch	204 / 235
Refrigerant	Type		R454B
	Precharge	ft	25
Additional charge for 1/4 inch liquid pipe		oz	
Additional charge for 3/8 inch liquid pipe		oz	0.7
Refrigerant piping	Liquid side/Gas side	inch	3/8"/3/4"
	Max. pipe length	ft	246
	Max. difference in level	ft	98
Ambient temperature	Cooling	F	-22 ~ 122
	Heating	F	-22~75

Unit: in(mm)



Model	CH-ACL18-24A		CH-ACL18-24B		CH-ACL30-36B	
Dimensions	inch	mm	inch	mm	inch	mm
A	14.5	368	17.5	445	17.5	445
B	18	457	18	457	23.5	599
C	21	533	21	533	21	533
Model	CH-ACL30-36C		CH-MCL48-60C		CH-ACL48-60D	
Dimensions	inch	mm	inch	mm	inch	mm
A	21	534	21.6	549	24.5	622
B	24	611	27.75	706	28	711
C	21	533	21.5	546	21	533



CASED DIMENSIONS AND COMPONENT LOCATION

PEAQ

