

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

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

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

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

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

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

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

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

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

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

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

### KEY FEATURES:

- Wide range for flexible installation (18K - 60K)
- Compatible with existing furnaces
- Multi-position Installation: Horizontal (left/right), Vertical (up/down)
- Full compatibility with universal third party outdoor condensing units utilizing R454B
- TXV Valve, Flared connection type, Aluminum coil with anti-corrosive GoldFin coating
- R454B refrigerant sensor

### NOTES:

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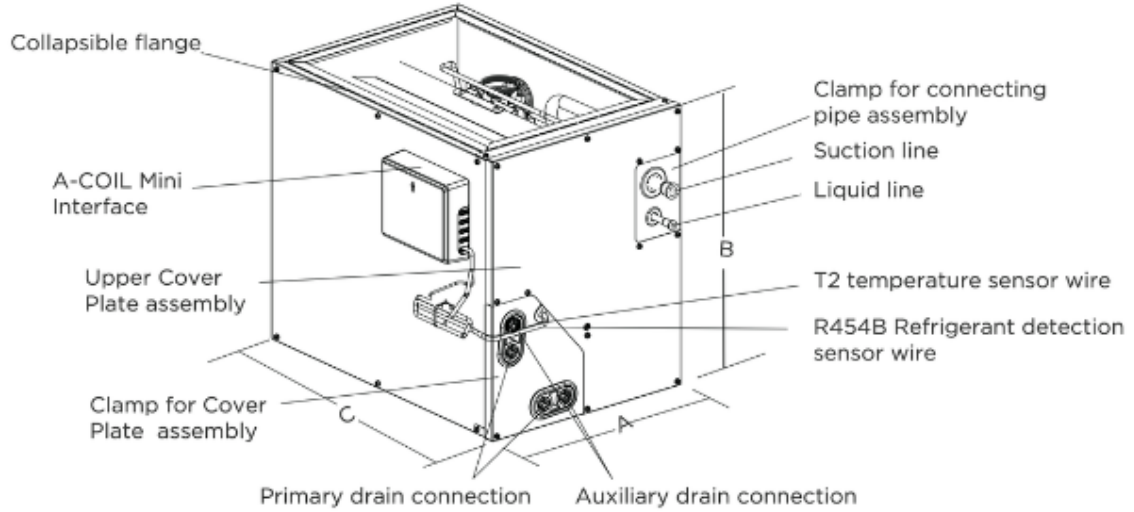
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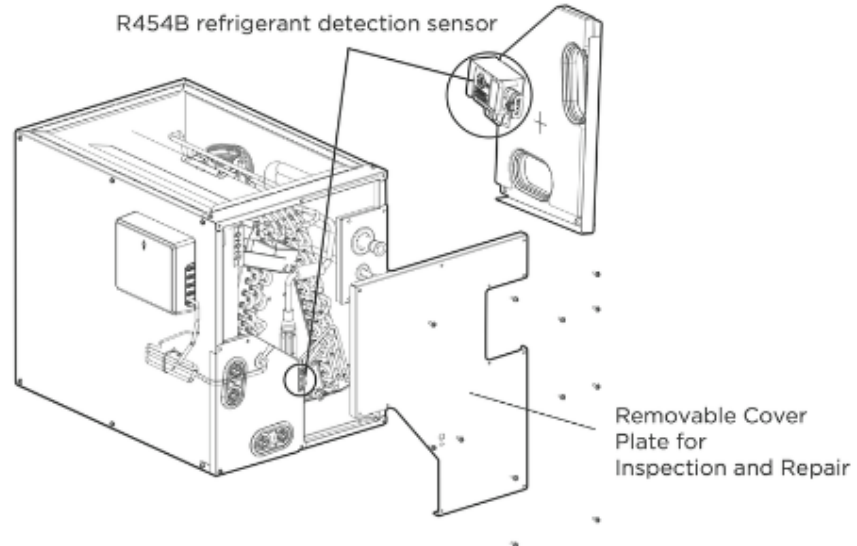
Indoor Model			CH-ACL18-24B
Power supply		V, Ph, Hz	208-230V, 1Ph, 60Hz
Communication wiring			AWG 20-2
Cooling	Capacity	Btu/h	18,000 (5,600~22,800)
	Input	w	1,538 (530~2,120)
	Rated current	A	8.3 (2.2~8.5)
	EER/EER2	Btu/w	
	SEER/SEER2	Btu/w	
Heating at 47 °F	Capacity	Btu/h	19,000 (5,600~22,800)
	Input	W	1,687 (350~2,040)
	Rated current	A	10 (1.9~9.6)
	COP	W/W	3.3
	HSPF4/HSPF2-4		9.5
	HSPF5/HSPF2-5		7.8
Indoor fan motor	Qty		/
	Input		/
	RLA		/
Indoor air flow (Turbo/Hi/Med/Lo) (No duct)		CFM	/
ESP (range)		In.wg.	/
Indoor noise level (Hi/Med/Lo)		dB(A)	/
Dehumidification		L/H	4.3
Indoor unit	Dimensions (WxDxH)	inch	17-1/2 x 21 x 18
	Packing (WxDxH)	inch	20-1/2x 26-1/8 x 20-7/8
	Net/Gross weight	lbs	42 / 50
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-PQ18-230VO	
Power supply	V, Ph, Hz	208-230V, 1Ph, 60Hz	
Min. circuit ampacity	A	16	
Max. fuse	A	20	
Compressor	Model	KTM240D46UKT2	
	Type	ROTARY	
	Brand	GMCC	
	Capacity	Btu/h	25,930
	Input	w	2.045
	Rated current (RLA)	A	10.5
	Refrigerant oil	oz	VG74 21
Outdoor fan motor	Qty	1	
	Input	w	80
	RLA	A	0.9
	Speed	r/min	780/700/550
Outdoor air flow (Max)	CFM	1,766	
Outdoor noise level (Max)	dB(A)	58	
Throttle type		EXV	
Outdoor unit	Dimensions (WxDxH)	inch	35 x 13-1/2 x 26-1/2
	Packing (WxDxH)	inch	39-1/8 x 15-5/8 x 29-1/8
	Net/Gross weight	inch	101/109
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	98
	Max. difference in level	ft	82
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

