



Submittal-48K-UltraniXX

Job name:		Submitted by:	
Location:		Submitted to:	
Engineer:		Unit tag:	
Date:		Drawing number:	

Warranty information

Standard 7 years parts & compressor
Registered 12 years parts & compressor
Terms and conditions apply

Type

Energy Star Heat Pump ☐
Cold Climate Energy Star Heat Pump ☐

Model numbers

Indoor: KCAC48H/NHA

Outdoor: KU60UXO

Capacity range

Output (BTU/H)	Minimum	Rated	Max	Certification		
Cooling:	14400	48000	49000	AHRI NO.	Energy Star	nep
Heating:	14400	48000	48500	217052379		

Heating performance

Output (BTU/H)	Minimum	Rated	Max	Efficiency Ratings	
47F (8.3C)	14400	48000	48500	SEER2	15.2
17F (-8.3C)	7800	31200	31600	HSPF2	8.5
5F (-15C)	18500	36000	36000	EER (W/W)	2.9
				COP (W/W)	3.1

Outdoor temperature range

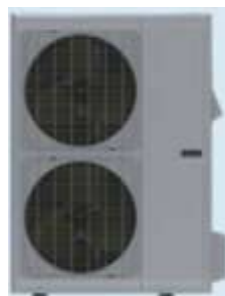
Cooling:	-15-54C	5-129F	Electrical	
Heating:	-30-24C	-22-75F	Power supply	208-230V/60Hz/1Ph
			Min/Max voltage	187-253Vac

Condenser specifications

Connecting type	Screw Connection	MCA	39A
Pre-charge length	25ft (7.5M)	MOP	45A
MIN. Refrigerant Pipe Length	10 ft (3M)	Power Supply Wire	8/3 AWG
		Interconnecting Wire	18/6AWG or 18/2AWG

Liquid Pipe Size	3/8in (9.52mm)	Features:	
Gas Pipe Size	3/4in (19mm)	Electronic expansion valve	
Max Height Between Indoor/Outdoor	50ft (15M)	Rotary compressor	
Max. Pipe Length	100ft (30M)	Basepan heater	
Refrigerant Type	R-32	Compressor electric heater	

Factory Charge	162oz	Weight	
Additional Charge	0.3 oz/ft	Gross weight:	263.5Lbs (119.5Kg)
Sound Pressure Level	62dB (A)	Net weight:	241.4Lbs (109.5Kg)



R32

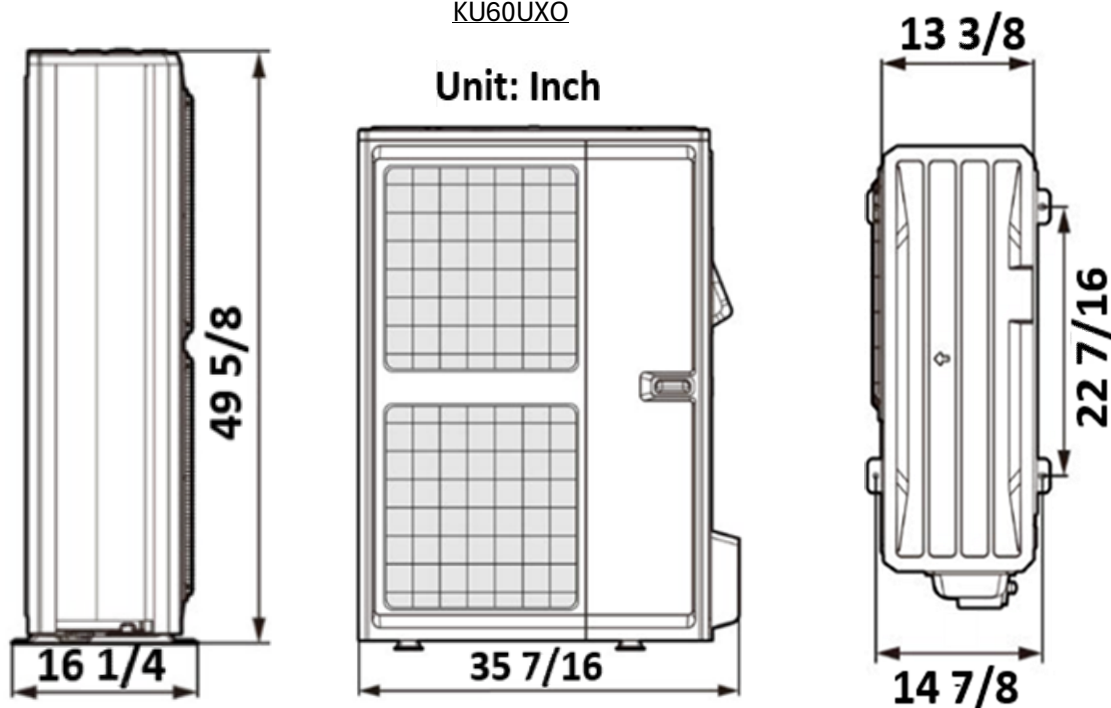


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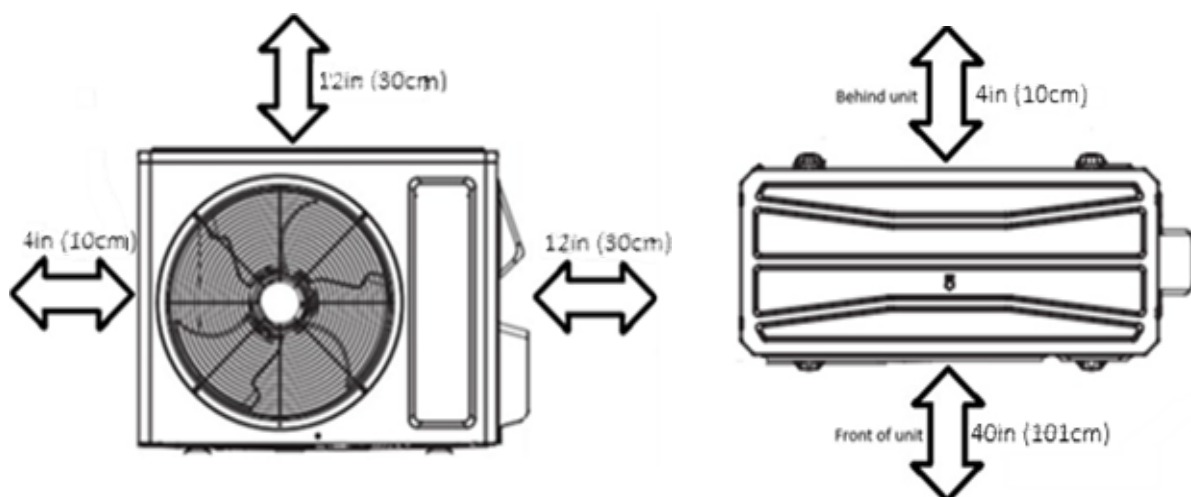


Outdoor Unit Dimensions

KU60UXO



Minimum outdoor unit clearances



Unit must be placed a minimum 18in (45cm) above any surfaces to allow for snow clearance and defrost runoff.

Please follow local best practices and guidelines.

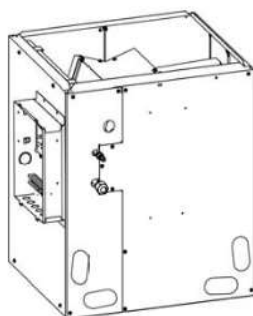
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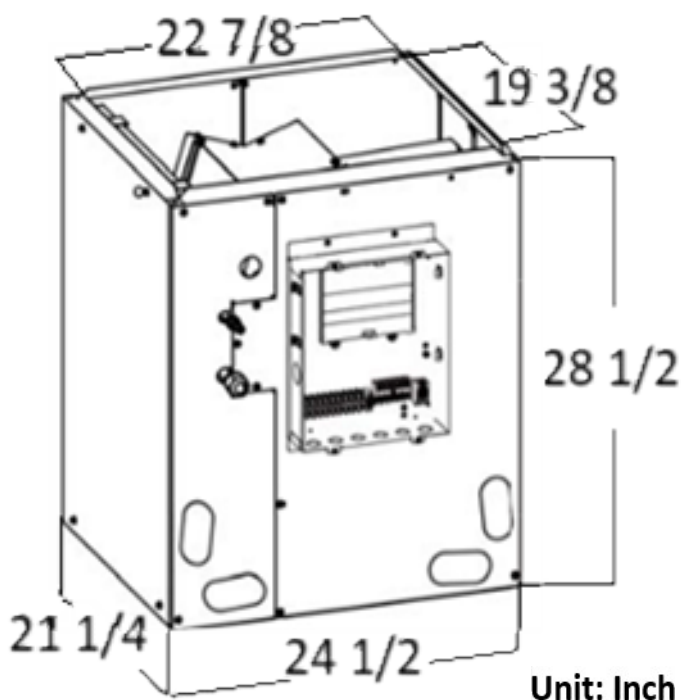
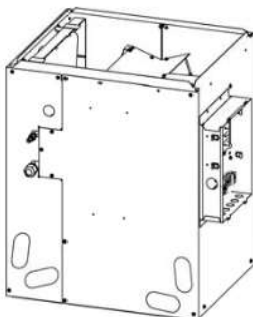
Indoor Unit Specifications

KCAC48H/NHA

Move to the left:



Move to the right:



Unit: Inch

Control board can be moved according to installation needs

Optional Smart thermostat		Technical Specifications	
		Power Supply	24V/60Hz/1Ph
		Throttling method	Electronic Expansion Valve
		Connection method	Screwed
		Liquid pipe size	3/8in (9.52mm)
		Gas pipe size	3/4in (19mm)
		Net weight	110 lbs (50Kg)
		Gross Weight	123.5 Lbs (56Kg)
		Drain Pipe Outlet	SCH 40 3/4
		Includes R32 Refrigerant Sensor	
		Can be installed horizontally	

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