

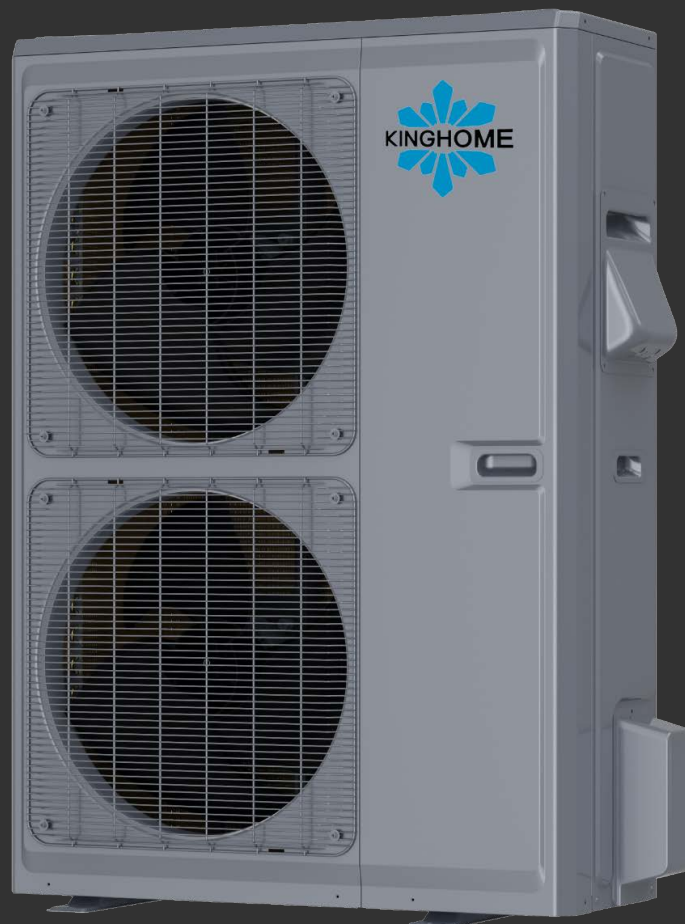
Thermopompe Centrale à  
Conduits pour Climat Froid

12  
ANS  
GARANTIE  
COMPRESSEUR

12  
ANS  
GARANTIE  
PIÈCES



# ULTRANIXX



JUSQU'À  
19 SEER2  
10.5 HSPF2

PLAGE DE REFROIDISSEMENT

**-15°C ~ 54°C**

PLAGE DE CHAUFFAGE

**-30°C ~ 24°C**



**Haute performance**

100 % de capacité de refroidissement à 46 °C  
100 % de capacité de chauffage à -15 °C

**Contrôles intelligents**

Communication RS485  
Compatibilité universelle 24V

**Installation facile**

Faire fonctionner les condenseurs en mode thermopompe avec seulement 2 ou 4 fils en mode RS485

**Polyvalence de l'unité intérieure**

Configuration flexible : installation verticale ou horizontale

**Réfrigérant écologique R32**

Réduit l'impact environnemental et améliore l'efficacité énergétique

**Compatible bi-énergie**

Intégration fluide avec les fournaises au gaz pour un chauffage hybride



TYPE DE SYSTÈME			THERMOPOMPE			
Modèle extérieur			KU36UXO	KU36UXO	KU60UXO	KU60UXO
Modèle intérieur			KD24UXI	KD36UXI	KD48UXI	KD60UXI
PERFORMANCES DU SYSTÈME						
Capacité de refroidissement	Min - Max	Btu/h	11,200-30,000	18,000-37,000	34,000-50,000	35,000-55,000
	Nominale	Btu/h	24,000	34,000	48,000	53,000
Capacité de chauffage	Min - Max	Btu/h	10,800-30,000	18,000-38,000	34,000-52,000	35,000-60,000
	Capacité @47°F	Btu/h	25,000	34,000	48,000	54,000
	Capacité @17°F	Btu/h	20,600	28,200	39,500	45,000
	Capacité @5°F	Btu/h	24,000	34,000	48,000	54,000
SEER2			16	16	17	16
EER2			9.5	10	9.5	9
EER (W/W)			3.43	3.3	3.3	3.2
COP (W/W)			3.5	3.3	3.3	3.3
Thermopompe homologuée Energy Star climat froid			Yes	Yes	Yes	Yes
Plage de température en refroidissement		°C/°F	-15-54°C / 5-129°F	-15-54°C / 5-129°F	-15-54°C / 5-129°F	-15-54°C / 5-129°F
Plage de température en chauffage		°C/°F	-30-24°C / -22-75°F	-30-24°C / -22-75°F	-30-24°C / -22-75°F	-30-24°C / -22-75°F
Type de réfrigérant			R32			
UNITÉ INTÉRIEURE			KD24UXI	KD36UXI	KD48UXI	KD60UXI
Alimentation électrique		VAC	208-230V/60Hz/1Ph	208-230V / 1Ph / 60 Hz	208-230V / 1Ph / 60 Hz	208-230V / 1Ph / 60 Hz
Niveau de pression sonore		dB(A)	50	51	53	54
Tension de commande		VAC	24	24	24	24
MOCP		A	15	15	15	15
MCA		A	4.7	5.3	7.1	7.7
Résistance électrique (optionnelle)		kW	5	5,10	5,10,15,20	5,10,15,20
Débit d'air		CFM	760	1000	1200	1500
Pression statique externe (max)		In W.c.	1	1	1	1
Déshumidification		pt/hr	4.25	6.02	8.49	9.38
Drain Piping		in	Φ1×0.05	Φ1×0.05	Φ1×0.05	Φ1×0.05
Dimensions externes (L × H × P)		in	18-1/8 × 21-1/4 × 43-1/2	21-1/4 × 21-1/4 × 48-3/16	24-13/16 × 21-1/4 × 52	24-13/16 × 21-1/4 × 52
Dimensions emballage (L × H × P)		in	20-5/8 × 26 × 45-5/8	23-3/4 × 26 × 50-3/8	27-1/4 × 26 × 54-3/16	27-1/4 × 26 × 54-3/16
Poids net		lbs	135.6	163.1	199.5	199.5
Poids brut		lbs	144.4	178.6	218	218
UNITÉ EXTÉRIEURE			KU36UXO	KU36UXO	KU60UXO	KU60UXO
Alimentation électrique		VAC	208-230V / 1Ph / 60 Hz	208-230V / 1Ph / 60 Hz	208-230V / 1Ph / 60 Hz	208-230V / 1Ph / 60 Hz
Niveau de pression sonore		dB(A)	60	61	62	63
Tension de command		VAC	24	24	24	24
Courant nominal refroidissement		A	14.6	22	30	31
Courant nominal chauffage		A	19.2	25.6	32	32
MCA		A	21	27	39	39
MOCP		A	25	30	45	45
Type de compresseur			GREE G20 / Double cylindre / Inverseur à 2 étages			
Dimensions externes (L × H × P)		in	39 × 37-13/16 × 14-9/16	39 × 37-13/16 × 14-9/16	35-7/16 × 49-5/8 × 13-3/8	35-7/16 × 49-5/8 × 13-3/8
Dimensions emballage (L × H × P)		in	45-3/8 × 43-11/16 × 18-13/16	45-3/8 × 43-11/16 × 18-13/16	40-11/16 × 55-3/16 × 17-3/8	40-11/16 × 55-3/16 × 17-3/8
Poids net		lbs	187.4	187.4	241.4	241.4
Poids brut		lbs	211.6	211.6	263.5	263.5
Charge en réfrigérant - R32		oz	102.3	102.3	162.3	162.3
Charge supplémentaire		oz/ft	0.3	0.3	0.2	0.2
TUYAUTERIE DE RÉFRIGÉRANT						
Dimension de la tuyauterie (liquide - gaz)		in	3/8 - 3/4	3/8 - 3/4	3/8 - 3/4	3/8 - 3/4
Longueur préchargée		ft	25	25	25	25
Longueur de tuyauterie (min - max)		ft	10 - 100	10 - 100	10 - 100	10 - 100
Dénivelé max. de tuyauterie		ft	50	50	50	50
GARANTIE LIMITÉE			12 ans résidentiel, 7/5 ans commercial sur compresseur et pièces (modèles enregistrés)			



kinghomecanada.com

Concessionnaire Autorisé



# Submittal-36K-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   
 Cold Climate Energy

**Model numbers**

Indoor:	KCAC36FI
Outdoor:	KU36UXO

**Capacity range**

Output (BTU/H)	Minimum	Rated	Max	Certification		
Cooling:	10600	32000	34700	AHRI NO.	Energy Star	nep
Heating:	12200	35000	35000	217603525	4,497,871.	

Heating performance				Efficiency Ratings	
Output (BTU/H)	Minimum	Rated	Max	SEER2	16
47F (8.3C)	12200	35000	35000	HSPF2	8.5
17F (-8.3C)	6800	22000	22300	EER2	11
5F (-15C)	15000	32000	32000	COP	3.2

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

Condenser specifications			MCA	
Connecting type	Screw Connection		MOP	30A
Pre-charge length	25ft (7.5M)		Power Supply Wire	10/2 AWG
MIN. Refrigerant Pipe Length	10 ft (3M)		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	102.3oz		Weight	
Additional Charge	0.3 oz/ft		Gross weight:	211.6Lbs (96Kg)
Sound Pressure Level	60dB (A)		Net weight:	187.4Lbs (85Kg)

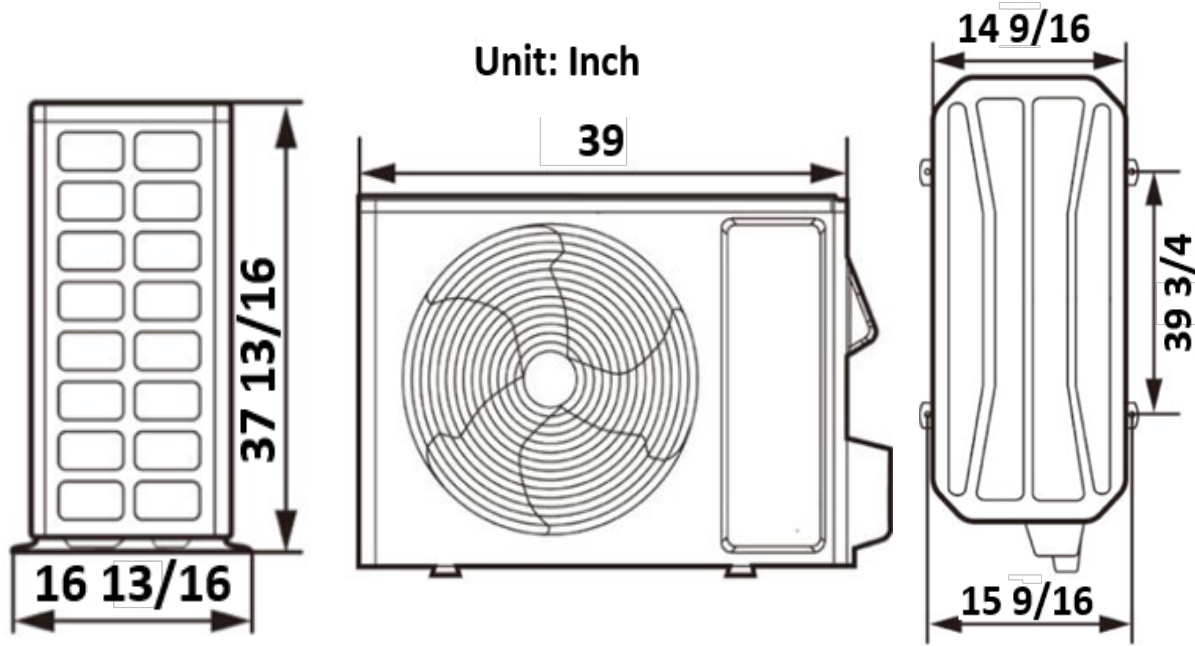


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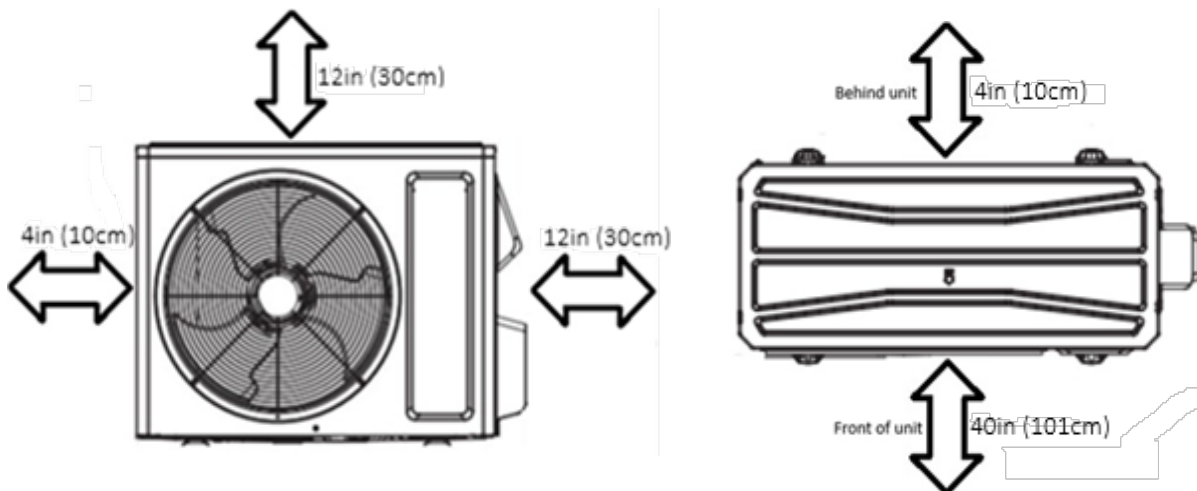


# Outdoor unit Dimensions

KU36UXO



## 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.

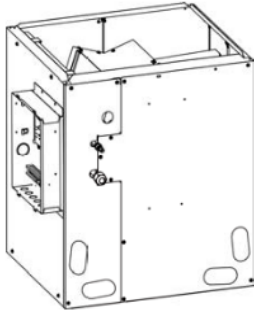
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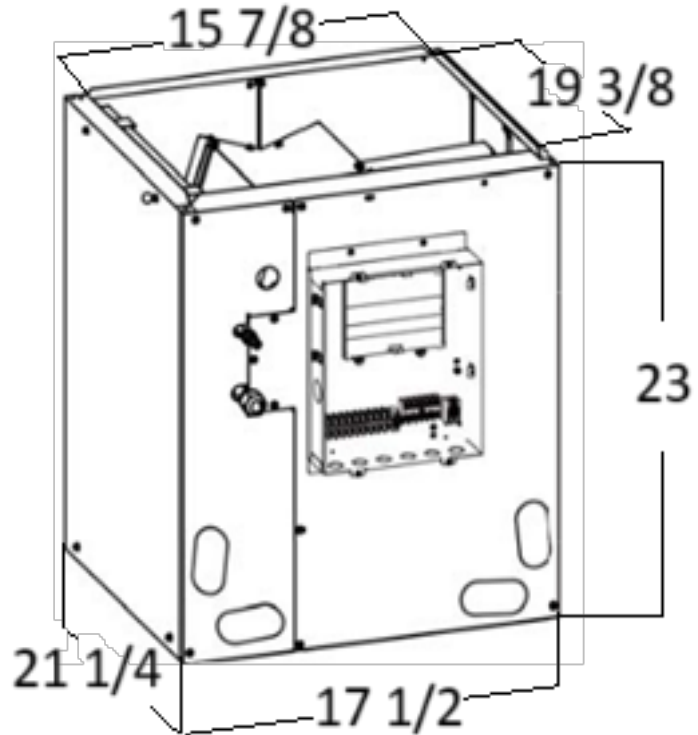
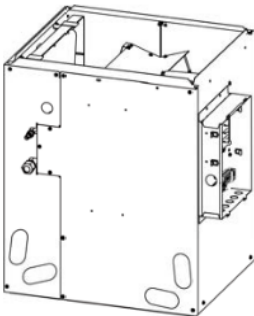
# Indoor unit specifics

KCAC36FI

Move to the left:



Move to the right:



Unit: Inch

Control board can be moved according to installation needs

Optional Smart thermostat	Technical Specifications	
WK-010WC01 and WK-010WD1	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	75 lbs (34Kg)
	Gross Weight	83.8 Lbs (38Kg)
	Drain Pipe Outlet	SCH 40 3/4
	Includes R32 Refrigerant Sensor	
	Can be installed horizontally	

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# Submittal-60K-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   
 Cold Climate Energy Star

**Model numbers**  
 Indoor: KCAC60HI  
 Outdoor: KU60UXO

**Capacity range**

Output (BTU/H)	Minimum	Rated	Max	Certification		
Cooling:	15200	52000	53100	AHRI NO.	Energy Star	nep
Heating:	14400	54000	54000	217603526	-	

Heating performance				Efficiency Ratings	
Output (BTU/H)	Minimum	Rated	Max	SEER2	
47F (8.3C)	14400	54000	54000	HSPF2	16
17F (-8.3C)	7800	35200	35600	EER2	9
5F (-15C)	18900	40000	40000	COP	9.8
					3.1

Outdoor temperature range			Electrical	
Cooling:	-15-54C	5-129F	Power supply	208-230V/60Hz/1Ph
Heating:	-30-24C	-22-75F	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	8/2 AWG
		Interconnecting Wire	18/6AWG or 18/2AWG

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

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

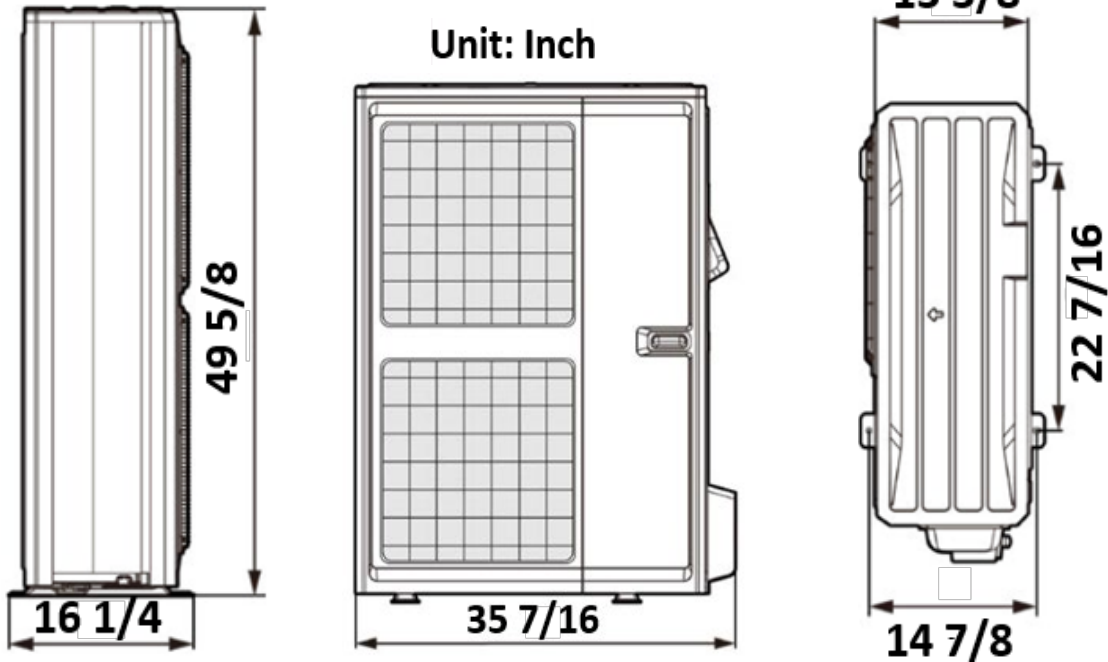


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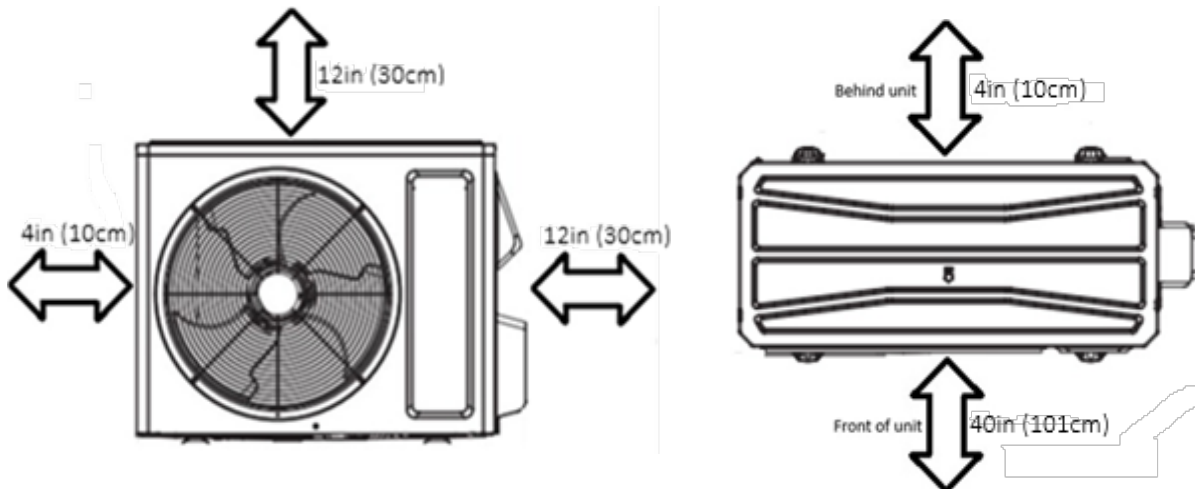


# Outdoor unit Dimensions

KU60UXO



Minimum outdoor unit clearances



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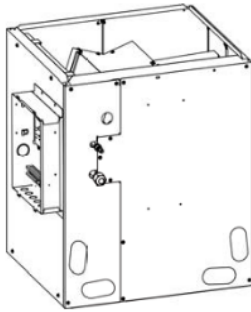
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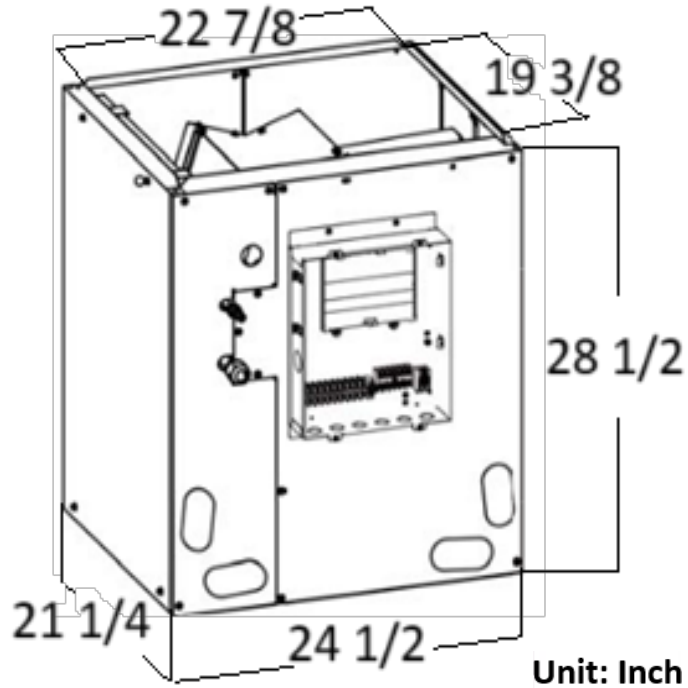
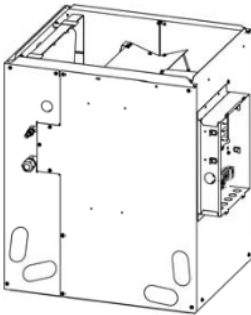
# Indoor unit specifics

KCAC60HI


Move to the left:



Move to the right:



Control board can be moved according to installation needs

Optional Smart thermostat	Technical Specifications	
WK-010WC01 and WK-010WD1	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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