



Submittal-24K-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: KD24UXI

Outdoor: KU36UXO

Capacity range

Output (BTU/H)	Minimum	Rated	Max	Certification		
Cooling:	11200	24000	30000	AHRI NO.	Energy Star	nep
Heating:	10800	25000	30000	217194944	4,011,417.	

Heating performance

Output (BTU/H)	Minimum	Rated	Max	Efficiency Ratings	
47F (8.3C)	10800	25000	25400	SEER2	18
17F (-8.3C)	7100	20600	21600	HSPF2	10
5F (-15C)	14000	24000	24000	EER2	12.5
				COP	3.59

Outdoor temperature range

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	21A
Pre-charge length	25ft (7.5M)	MOP	25A
MIN. Refrigerant Pipe Length	10 ft (3M)	Power Supply Wire	10/2 AWG
Liquid Pipe Size	3/8in (9.52mm)	Interconnecting Wire	18/6AWG or 18/2AWG

Gas Pipe Size	3/4in (19mm)	Features:	
Max Height Between Indoor/Outdoor	50ft (15M)	Electronic expansion valve	
Max. Pipe Length	100ft (30M)	Rotary compressor	
Refrigerant Type	R-32	Basepan heater	
Factory Charge	102.3oz	Compressor electric heater	

Additional Charge	0.3 oz/ft	Weight	
Sound Pressure Level	60dB (A)	Gross weight:	211.6Lbs (96Kg)
		Net weight:	187.4Lbs (85Kg)

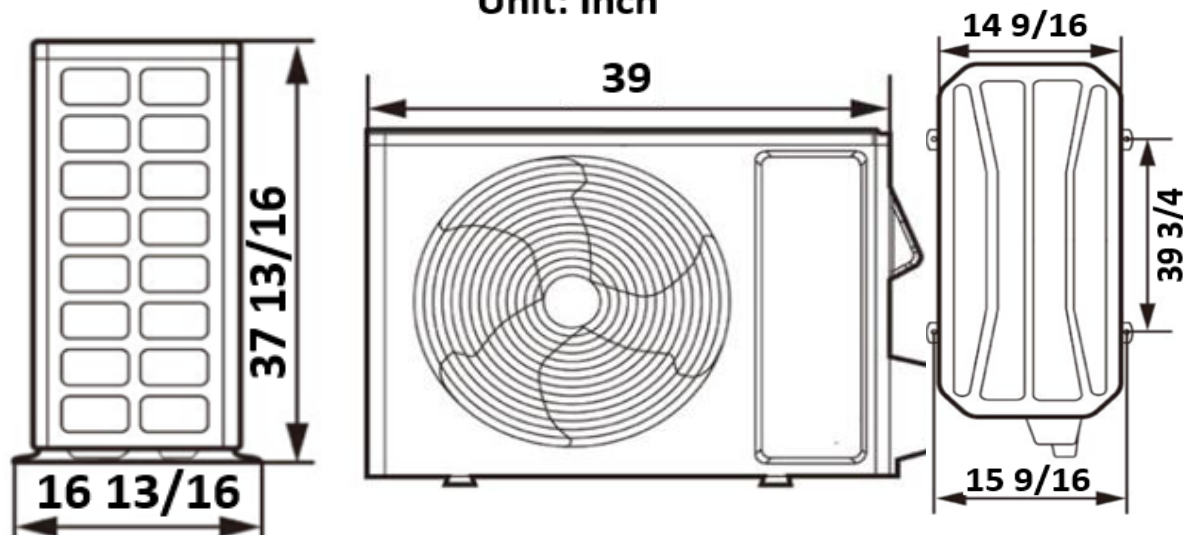




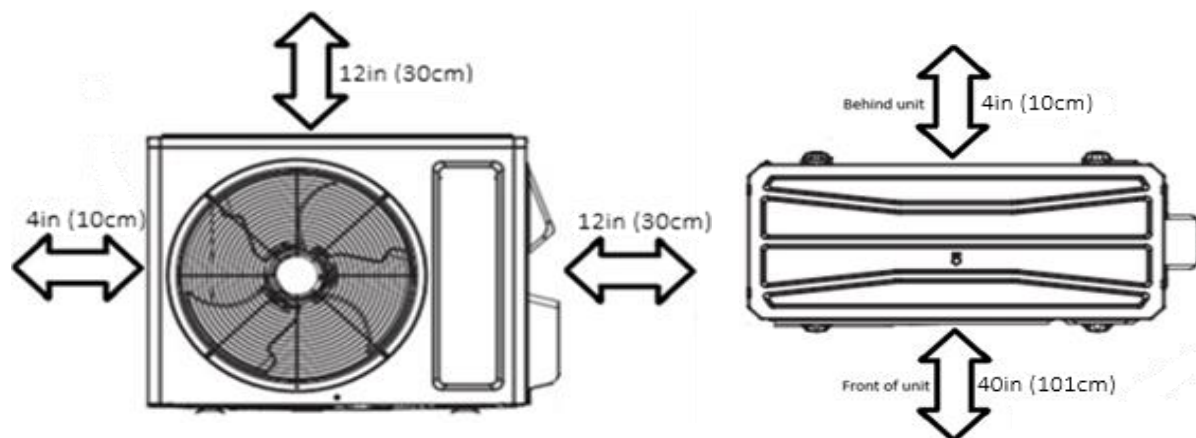
Outdoor unit Dimensions

KU36UXO

Unit: Inch



Minimum outdoor unit clearances



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

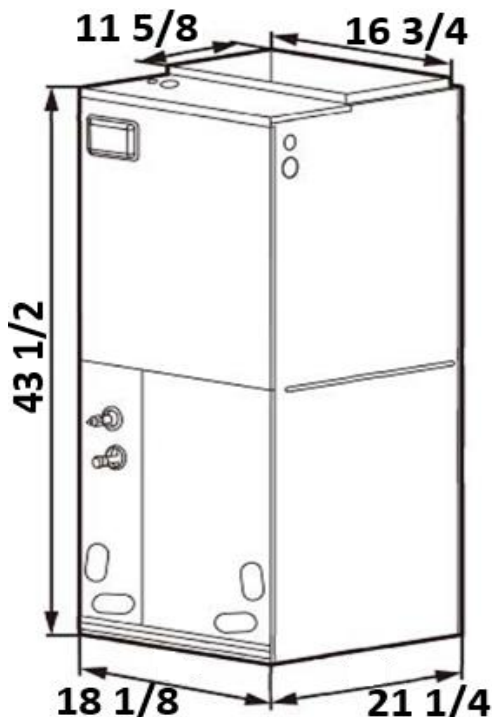
Please follow local best practices and guidelines.



Indoor unit specifics

KD24UXI

Unit: Inch



Technical Specifications	
Power Supply	208-230V/60Hz/1Ph
Sound pressure level	47dB(A)
MCA	4.7A
MOC	15A
Dehumidification	4.25 pt/hr
Net weight	135.6 lbs (61.5Kg)
Gross Weight	144.4 Lbs (65.5Kg)
Drain Pipe Outlet	SCH 40 3/4
*When there is no Electrical Heater installed There is no supplied Electrical breaker	
*If Electrical Heater is installed it will supply power to air handler	

Optional Smart thermostat	Electric Heater kits available					
WK-010WC01 and WK-010WD1	Model number	KW	MCA 240V	MCA 208V	MOC 240V	MOC 208V
* Metal mesh filter included	21-4227-01	5	26A	22.6A	30A	25A
16 1/2 x 20 1/4 x 1/2	21-4216-03	10	52A	45A	60A	45A
Fan Performance						

Level	Static pressure:inwg (Pa)											
	0 (0)	0.1 (25)	0.15 (37)	0.2 (50)	0.3 (75)	0.4 (100)	0.5 (125)	0.6 (150)	0.7 (175)	0.8 (200)	0.9 (225)	1 (250)
Speed 1(CFM)	1080	960	900	<u>830</u>	-	-	-	-	-	-	-	-
Speed 2(CFM)	1220	1120	1060	990	<u>820</u>	-	-	-	-	-	-	-
Speed 3(CFM)	1380	1250	1120	1070	1020	920	<u>760</u>	-	-	-	-	-
Speed 4(CFM)	1700	1630	1580	1530	1450	1400	1370	1270	1150	970	<u>790</u>	-
Speed 5(CFM)	1750	1700	1650	1600	1590	1500	1420	1330	1200	1050	950	<u>850</u>