



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 Heat Pump ☐
Cold Climate Energy Star Heat Pump ☒

Model numbers

Indoor:	KD36UXI
Outdoor:	KU36UXO

Capacity range

Output (BTU/H)	Minimum	Rated	Max	Certification		
Cooling:	18000	34000	37000	AHRI NO.	Energy Star	nep
Heating:	18000	34000	38000	217194945	4,011,418.	

Heating performance

Output (BTU/H)	Minimum	Rated	Max	Efficiency Ratings	
				SEER2	16
47F (8.3C)	11200	34000	34400	HSPF2	9.5
17F (-8.3C)	9200	28200	29600	EER (W/W)	3.3
5F (-15C)	16000	34000	34000	COP (W/W)	3.3

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	27A
Pre-charge length	25ft (7.5M)	MOP	30A
MIN. Refrigerant Pipe Length	10 ft (3M)	Power Supply Wire	10/3 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	102.3oz	Weight	
Additional Charge	0.3 oz/ft	Gross weight:	211.6Lbs (96Kg)
Sound Pressure Level	61dB (A)	Net weight:	187.4Lbs (85Kg)



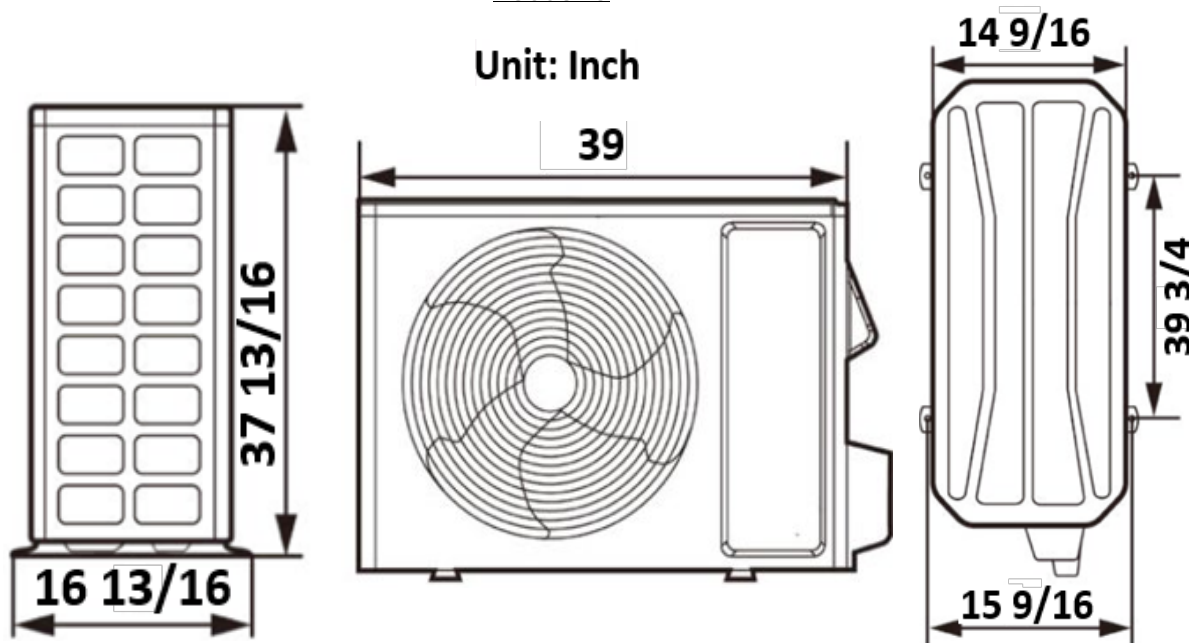
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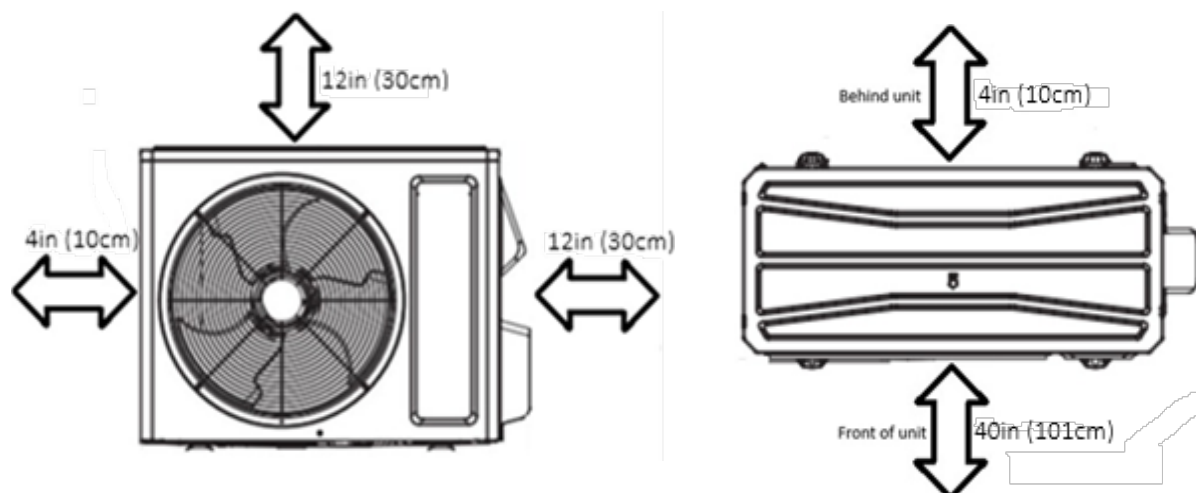
Outdoor unit Dimensions

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.

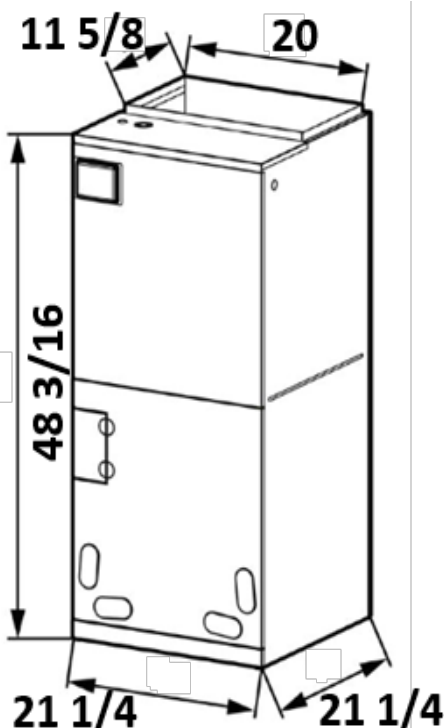
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Indoor unit specifics

KD36UXI

Unit: Inch



Technical Specifications	
Power Supply	208-230V/60Hz/1Ph
Sound pressure level	51dB(A)
MCA	5.3A
MOC	15A
Dehumidification	6.02 pt/hr
Net weight	163.1 lbs (74Kg)
Gross Weight	178.6 Lbs (81Kg)
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
19 1/4 x 20 1/4 x 1/2	21-4216-03	10	52A	45A	60A	45A
Fan Performance	21-4217-01	15	52A & 26A	45A & 22.6A	60A & 30A	45A & 25A

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)	1220	1120	1020	960	-	-	-	-	-	-	-	-
Speed 2(CFM)	1380	1260	1200	1100	950	-	-	-	-	-	-	-
Speed 3(CFM)	1630	1580	1500	1430	1370	1200	1000	970	-	-	-	-
Speed 4(CFM)	1840	1800	1750	1710	1640	1590	1500	1420	1330	1220	1100	930
Speed 5(CFM)	1870	1830	1810	1800	1760	1690	1620	1520	1440	1350	1250	1150

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