



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:	KD48UXI
Outdoor:	KU60UXO

Capacity range

Output (BTU/H)	Minimum	Rated	Max	Certification		
Cooling:	34000	48000	50000	AHRI NO.	Energy Star	nep
Heating:	34000	48000	52000	217194946	4,011,419.	

Heating performance

Output (BTU/H)	Minimum	Rated	Max
47F (8.3C)	15800	48000	48400
17F (-8.3C)	9800	39500	41500
5F (-15C)	18600	48000	48000

Efficiency Ratings

SEER2	17
HSPF2	9.5
EER (W/W)	3.3
COP (W/W)	3.3

Outdoor temperature range

Cooling:	-15-54C	5-129F
Heating:	-30-24C	-22-75F

Electrical

Power supply	208-230V/60Hz/1Ph
Min/Max voltage	187-253Vac

Condenser specifications

Connecting type	Screw Connection
Pre-charge length	25ft (7.5M)
MIN. Refrigerant Pipe Length	10 ft (3M)
Liquid Pipe Size	3/8in (9.52mm)
Gas Pipe Size	3/4in (19mm)
Max Height Between Indoor/Outdoor	50ft (15M)
Max. Pipe Length	100ft (30M)
Refrigerant Type	R-32
Factory Charge	162oz
Additional Charge	0.3 oz/ft
Sound Pressure Level	62dB (A)

MCA	39A
MOP	45A
Power Supply Wire	8/3 AWG
Interconnecting Wire	18/6AWG or 18/2AWG

Features:

Electronic expansion valve
Rotary compressor
Basepan heater
Compressor electric heater

Weight

Gross weight:	263.5Lbs (119.5Kg)
Net weight:	241.4Lbs (109.5Kg)



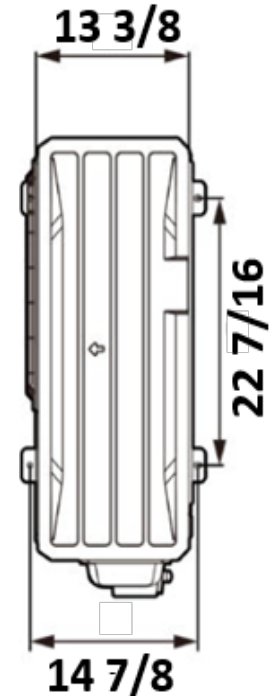
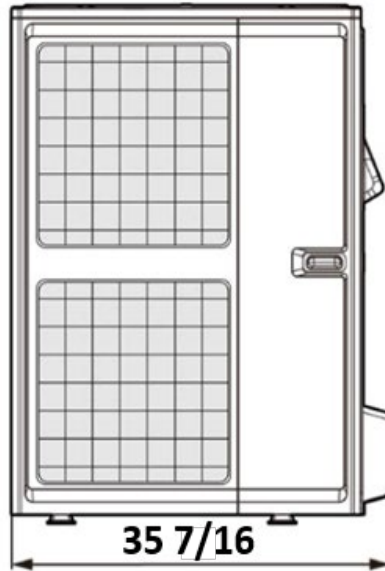
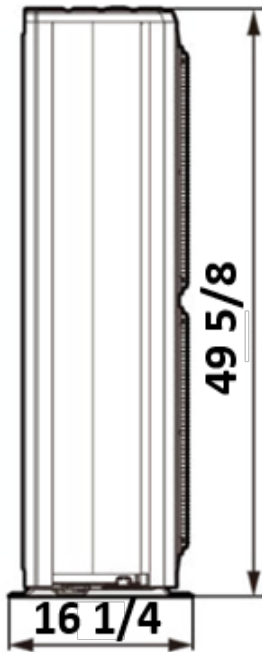
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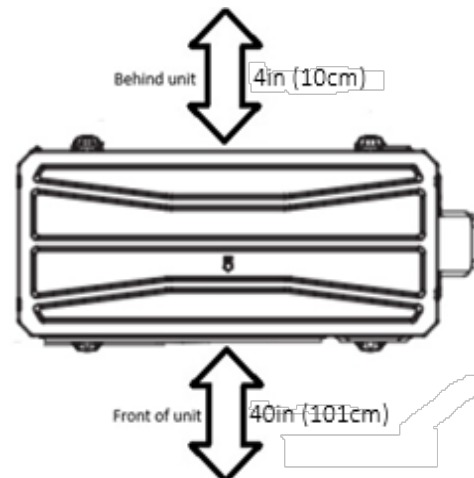
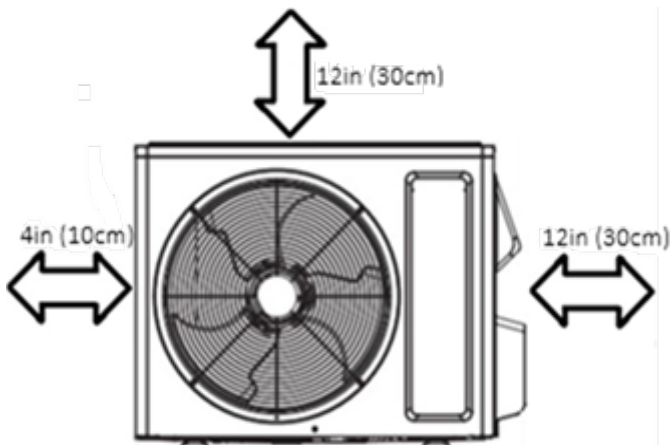
Outdoor unit Dimensions

KU60UXO

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

KD48UX1

Unit: Inch



Technical Specifications	
Power Supply	208-230V/60Hz/1Ph
Sound pressure level	53dB(A)
MCA	7.1A
MOC	15A
Dehumidification	8.49 pt/hr
Net weight	199.5 lbs (90.5Kg)
Gross Weight	218 Lbs (99Kg)
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	21-4216-03	10	52A	45A	60A	45A
20 5/8 x 20 5/16 x 1/2	21-4217-01	15	52A & 26A	45A & 22.6A	60A & 30A	45A & 25A
Fan Performance	21-4228-01	20	52A & 52A	45A & 45A	60A & 60A	45A & 45A

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)	1680	1560	1500	1350	-	-	-	-	-	-	-	-
Speed 2(CFM)	1810	1690	1620	1550	1380	-	-	-	-	-	-	-
Speed 3(CFM)	1930	1830	1770	1710	1580	1480	1200	-	-	-	-	-
Speed 4(CFM)	2280	2240	2200	2180	2130	2080	2000	1880	1750	1600	1400	1200
Speed 5(CFM)	2300	2260	2220	2190	2140	2090	2040	1980	1930	1800	1700	1550

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