



# Submittal-48K-Ultratrix ECO

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

<b>Warranty information</b>
Standard 7 years parts & compressor
Registered 12 years parts & compressor
Terms and conditions apply

**Type**

Energy Star Heat Pump	<input checked="" type="radio"/>
Cold Climate Energy Star Heat Pump	<input type="radio"/>

**Model numbers**

Indoor:	KD48UXI
Outdoor:	KD60UXO

**Capacity range**

Output (BTU/H)	Minimum	Rated	Max	Certification		
Cooling:	15000	48000	48800	AHRI NO.	Energy Star	nep
Heating:	15800	48000	48800	216626175	3942651	

Heating performance				Efficiency Ratings	
Output (BTU/H)	Minimum	Rated	Max	SEER2	19
47F (8.3C)	15800	48000	48800	HSPF2	9.5
17F (-8.3C)	9800	38500	40400	EER (W/W)	3.4
5F (-15C)	18600	36000	36000	COP (W/W)	3.4

Outdoor temperature range			Electrical	
Cooling:	-15-48C	5-118F	Power supply	208-230V/60Hz/1Ph
Heating:	-15-24C	5-75F	Min/Max voltage	187-253Vac

Condenser specifications			MCA	35A
Connecting type	Screw Connection		MOP	40A
Pre-charge length	25ft (7.5M)		Power Supply Wire	8/3 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	148.2oz	Weight	
Additional Charge	0.2 oz/ft	Gross weight:	236Lbs (107Kg)
Sound Pressure Level	63dB (A)	Net weight:	214Lbs (97Kg)

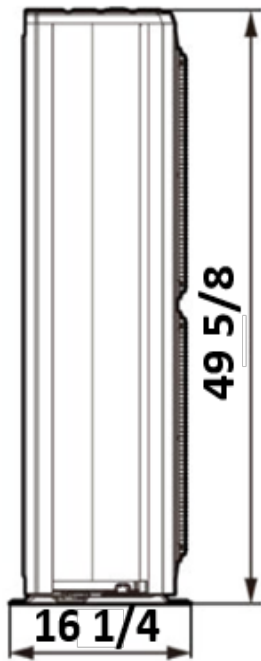


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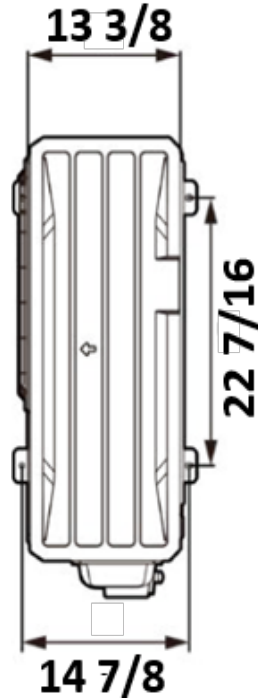
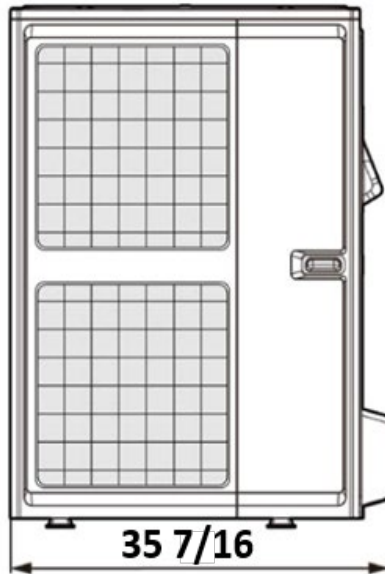


# Outdoor Unit Dimensions

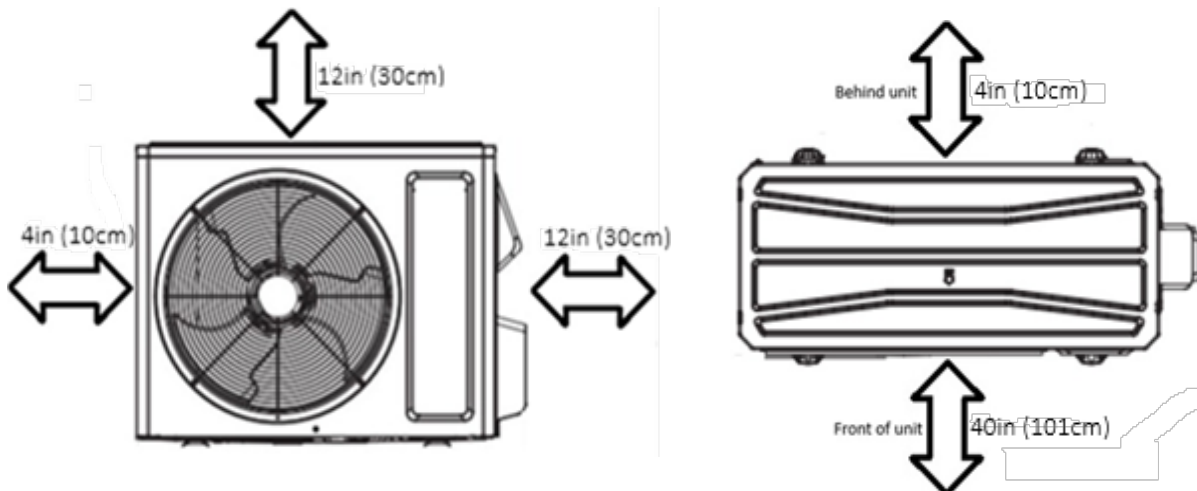
KD60UXO



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

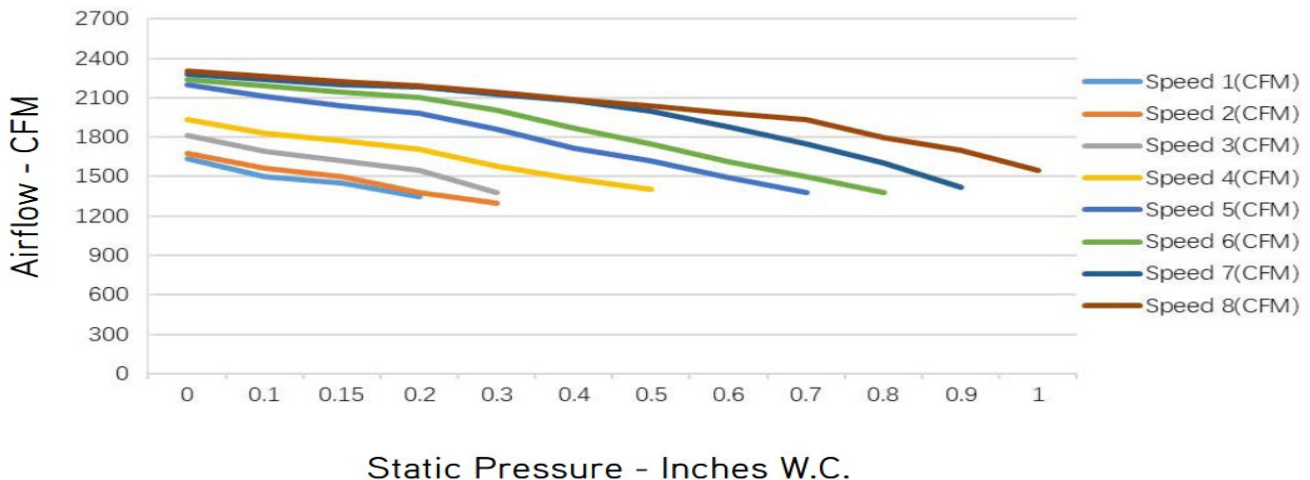
KD48UXI

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	ECOHTRN10KW	10	52A	45A	60A	45A
20 5/8 x 20 5/16 x 1/2	ECOHTRN15KW	15	52A & 26A	45A & 22.6A	60A & 30A	45A & 25A
Fan Performance	ECOHTRN20KW	20	52A & 52A	45A & 45A	60A & 60A	45A & 45A



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