



Submittal-Airy 24K Floor Ceiling

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: KM24XTDI

Outdoor: KW24XQ29S1DO

Capacity range

Output (BTU/H)	Minimum	Rated	Max	Certification		
Cooling:	5000	22000	29000	AHRI NO.	Energy Star	nep
Heating:	5200	24000	31500	218451544		

Heating performance

Output (BTU/H)	Minimum	Rated	Max	Efficiency Ratings	
47F (8.3C)	5200	24000	29000	SEER2	23
17F (-8.3C)	6400	20000	23000	HSPF2	9.5
5F (-15C)	4500	21000	21000	EER (W/W)	3.8
				COP (W/W)	3.9

Outdoor temperature range

Cooling:	-29-50C	-20-122F	Electrical	
Heating:	-30-30C	-22-86F	Power supply	208-230V/60Hz/1Ph
			Min/Max voltage	187-253Vac

Condenser specifications

Connecting type	Screw Connection	MCA	25A
Liquid line size	1/4in (6mm)	MOP	30A
Gas line size	5/8in (16mm)	Power Supply Wire	10/3 AWG
pre-charge length	24.6ft (7.5M)	Interconnecting Wire	14/4 AWG

pre-charge length	24.6ft (7.5M)	Features:	
MIN. Refrigerant Pipe Length	10 ft (3M)	Electronic expansion valve	
MAX. Refrigerant Pipe Length	131ft (40M)	Rotary compressor	
MAX. Vertical Height difference (total)	82 ft (25M)	Basepan heater	
Refrigerant Type	R-32	Compressor electric heater	
Factory Charge	56oz	Weight	
Additional Charge	0.4 oz/ft	Gross weight:	126.8Lbs (57.5Kg)
Sound Pressure Level	62dB (A)	Net weight:	115.8Lbs (52.5Kg)



R32

20 Inverter



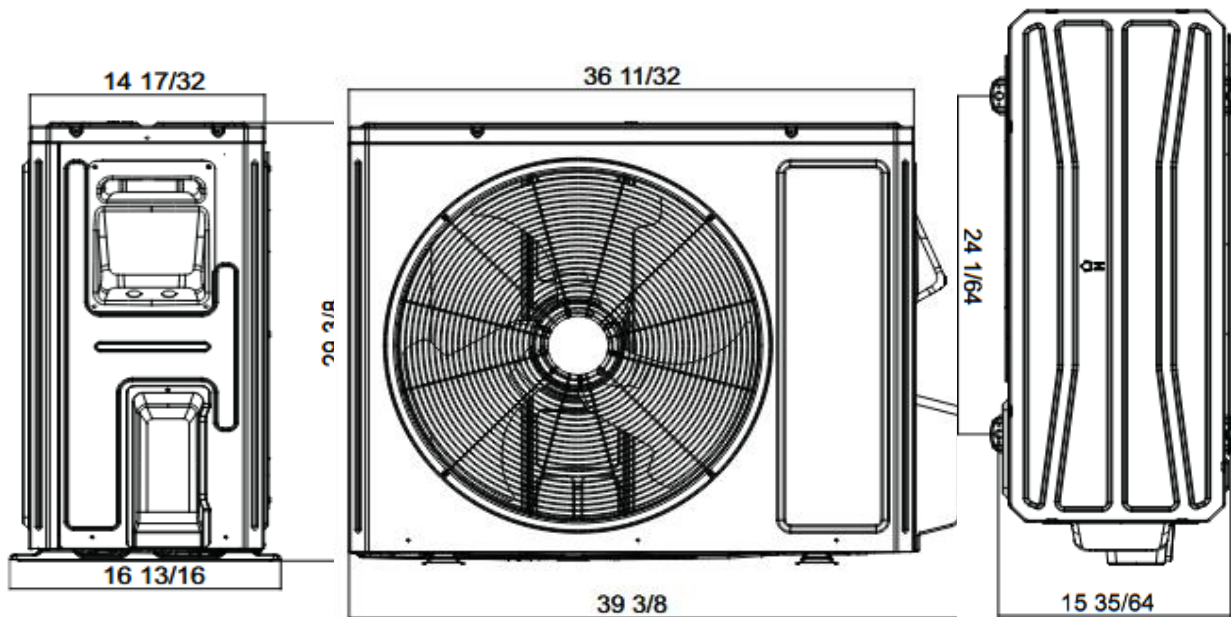
AHRI



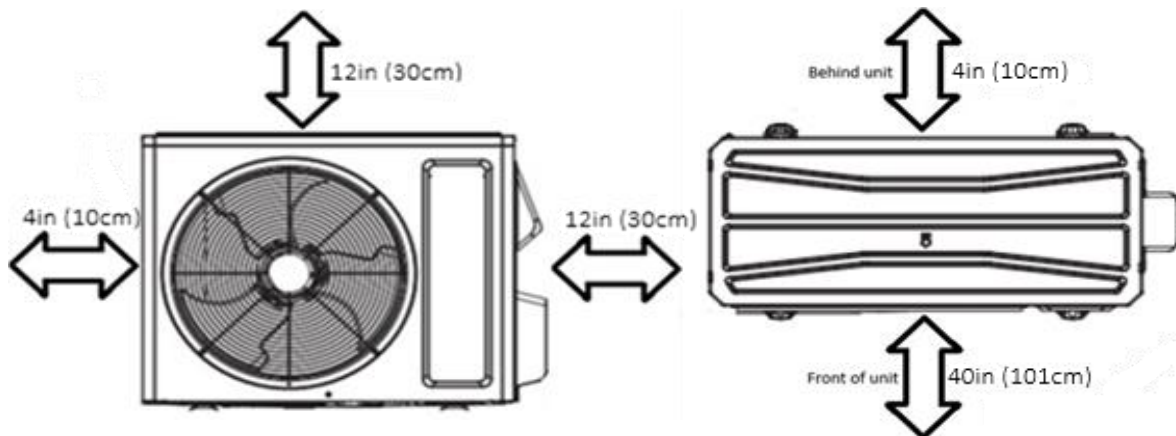
Outdoor unit Dimensions

Unit: inch

KW24XQ29S1DO



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.

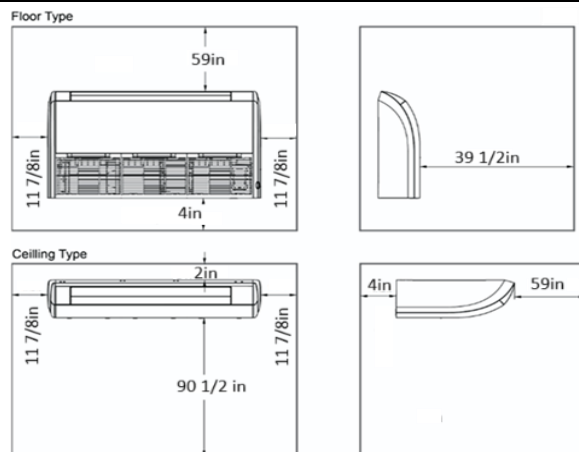
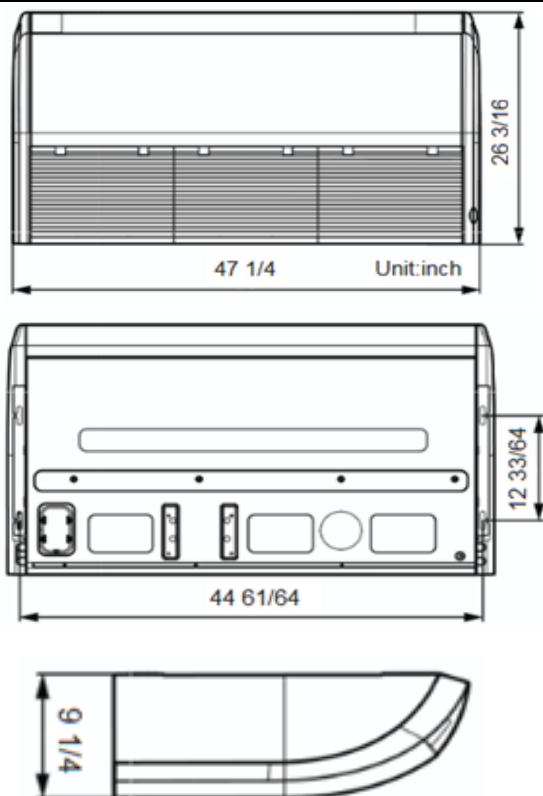


Indoor unit specifications

Floor Ceiling			KM24XTDI
Air flow volume			dB (A)
Turbo	706 CFM	1200 m3/h	51
High	618 CFM	1050 m3/h	44
Med-high	N/A	N/A	N/A
Medium	530 CFM	900 m3/h	41
Med-low	N/A	N/A	N/A
Low	441 CFM	750 m3/h	38
Sleep	N/A	N/A	N/A

Net weight:	72.7 Lbs	Gross weight:	88.2 Lbs
	33 Kg		38.5 Kg
Included:	Infrared remote YBE1FB5F		
Dehumidification level:	2.5 pt/hr		
Optional Accessories			
24V interlock wired controller:	XE71-00/E		
Wired controller:	XE71-44G		
Embedded wired controller:	XE74-44E		
Embedded WIFI wired controller:	XE72-44E		

Indoor unit Dimensions



Minimum indoor unit clearances

Power supplied by outdoor unit	
Additional Information	
Connection method	Screwed
Liquid pipe	1/4in (6mm)
Gas pipe	5/8in (16mm)
Drain pipe (Outer Diameter)	3/4in (17mm)

Included Features

Dehumidif	8C heating	I-feel	Self clean	Soft start	Forced Defrost
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