



Submittal-Airy 24K 8-Way Cassette

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: KM24XK8DI

Outdoor: KW24XQ29S1DO

Capacity range

Output (BTU/H)	Minimum	Rated	Max	Certification		
Cooling:	5000	22000	29000	AHRI NO.	Energy Star	nep
Heating:	5200	24000	31500	218451542	4,617,807	

Heating performance

Output (BTU/H)	Minimum	Rated	Max	Efficiency Ratings	
47F (8.3C)	5200	24000	29000	SEER2	23
17F (-8.3C)	6200	20000	21000	HSPF2	9
5F (-15C)	4600	17000	17000	EER (W/W)	3.6
				COP (W/W)	3.9

Outdoor temperature range

Cooling:	-29-50C	-20-122F	Power supply	208-230V/60Hz/1Ph
Heating:	-30-30C	-22-86F	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

Features:	
MIN. Refrigerant Pipe Length	10 ft (3M)
MAX. Refrigerant Pipe Length	131ft (40M)
MAX. Vertical Height difference (total)	82 ft (25M)
Refrigerant Type	R-32
Factory Charge	56oz
Additional Charge	0.4 oz/ft
Sound Pressure Level	62dB (A)
Weight	
Gross weight:	126.8Lbs (57.5Kg)
Net weight:	115.8Lbs (52.5Kg)



R32

20 Inverter



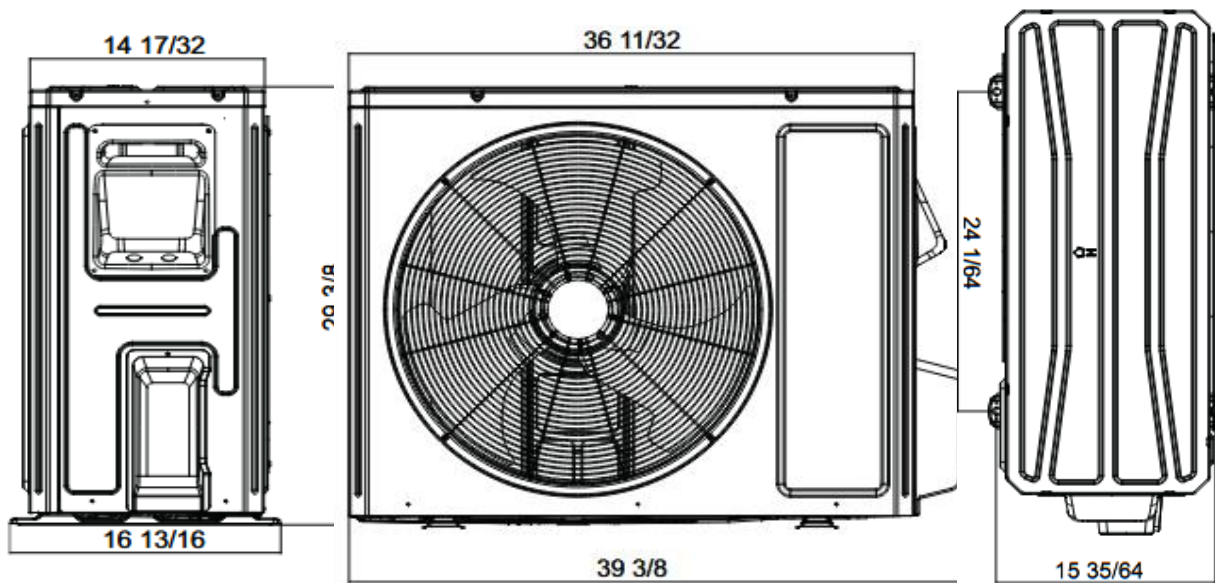
AHRI



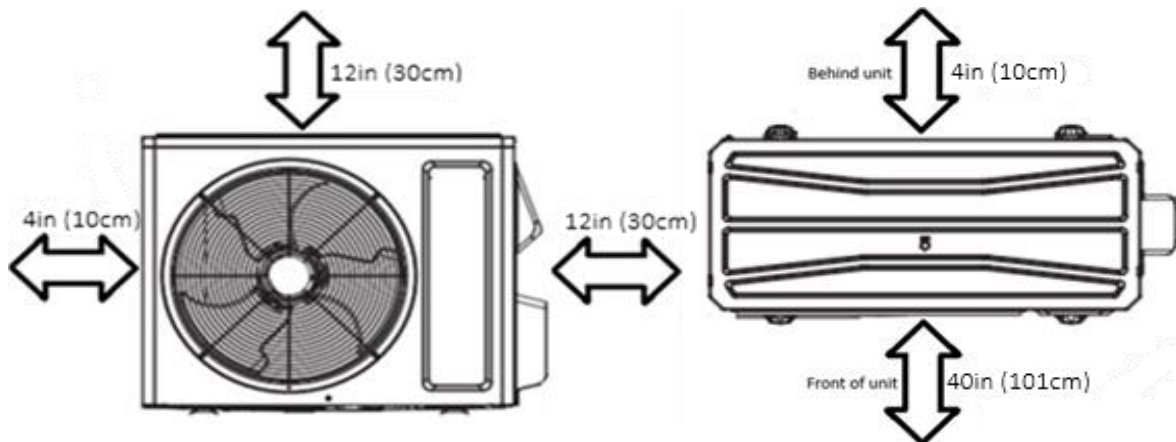
Outdoor unit Dimensions

Unit: inch

KW24XQ29S1DO



Minimum outdoor unit clearances



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

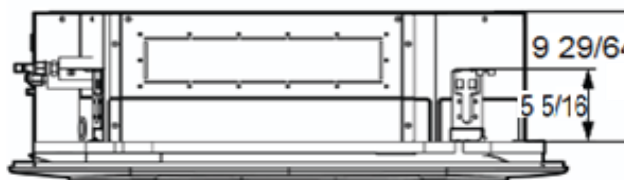
Please follow local best practices and guidelines.



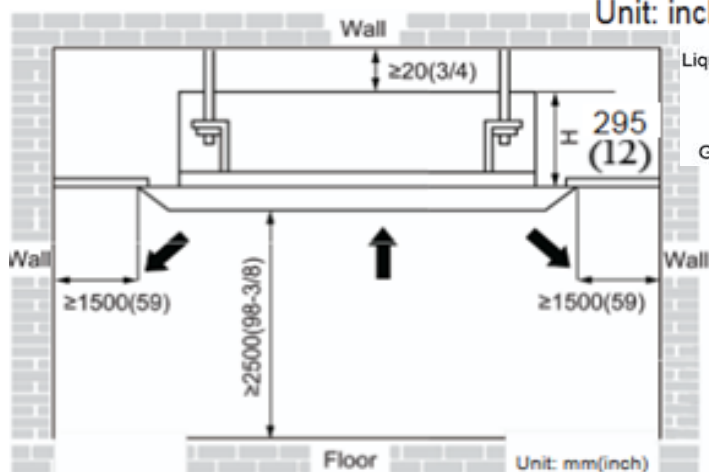
Indoor unit specifications

8-Way Cassette				KM24XK8DI	
Air flow volume			dB (A)		
Turbo	647 CFM	1100 m3/h	45		
High	618 CFM	1050 m3/h	44		
Med-high	559 CFM	950 m3/h	43		
Medium	536 CFM	910 m3/h	42		
Med-low	512 CFM	870 m3/h	41		
Low	488 CFM	830 m3/h	40		
Sleep		800 m3/h	39		
Indoor unit Dimensions					

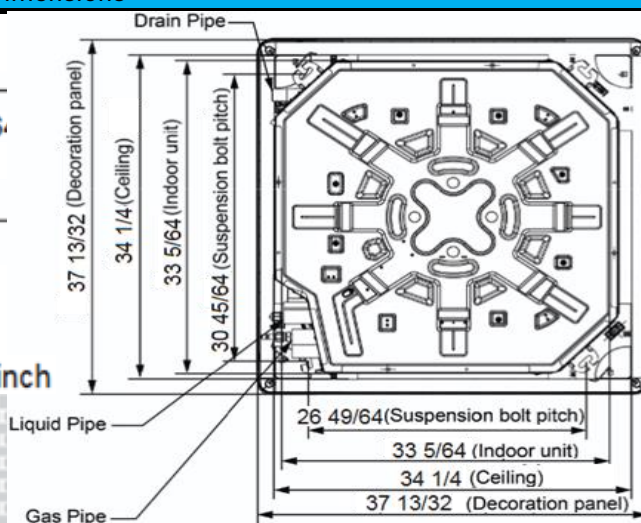
Net weight:	63.9 Lbs	Gross weight:	83.8 Lbs
	29 Kg		38 Kg
Included:	Infrared remote YBE1FB5F		
Dehumidification level:		5.28 pt/hr	
Optional Accessories			
24V interlock wired controller:		XE71-00/E	
Wired controller:		XE71-44G	
Embedded wired controller:		XE74-44E	
Embedded WIFI wired controller:		XE72-44E	



Minimum indoor unit clearances



Unit: inch



Power supplied by outdoor unit

Additional Information	
Connection method	Screwed
Liquid pipe	1/4in (6mm)
Gas pipe	5/8in (16mm)
Drain pipe (Outer Diameter)	1in (25mm)
Panel Net Weight	13.2Lbs (6Kg)
Panel Gross Weight	20.9Lbs (9.5Kg)

Included Features

I Feel	8C heating	Soft Start	Self clean	Water Pump	Forced Defrost
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