



Submittal-Airy 24K Minisplit

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: KW24XQ29S1DI
 Outdoor: KW24XQ29S1DO

Capacity range



Output (BTU/H)	Minimum	Rated	Max	Certification		
Cooling:	5800	22000	31400	AHRI NO.	Energy Star	
Heating:	5800	24000	33100	217903553	4514301	

Heating performance				Efficiency Ratings	
Output (BTU/H)	Minimum	Rated	Max	SEER2	
47F (8.3C)	5800	24000	32000	HSPF2	10
17F (-8.3C)	5800	23000	24000	EER (W/W)	4.1
5F (-15C)	3400	24000	24000	COP (W/W)	3.9

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

Condenser specifications			MCA	
Connecting type	Screw Connection		MOP	30A
Liquid line size	1/4in (6mm)		Power Supply Wire	10/3 AWG
Gas line size	5/8in (16mm)		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)

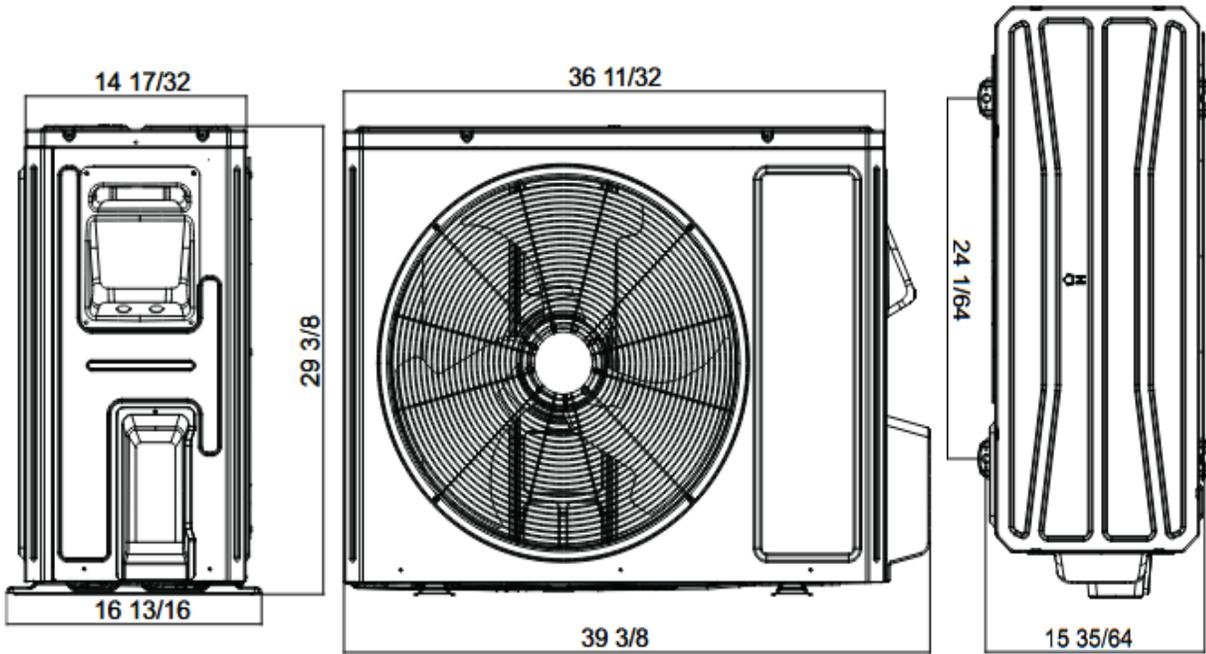
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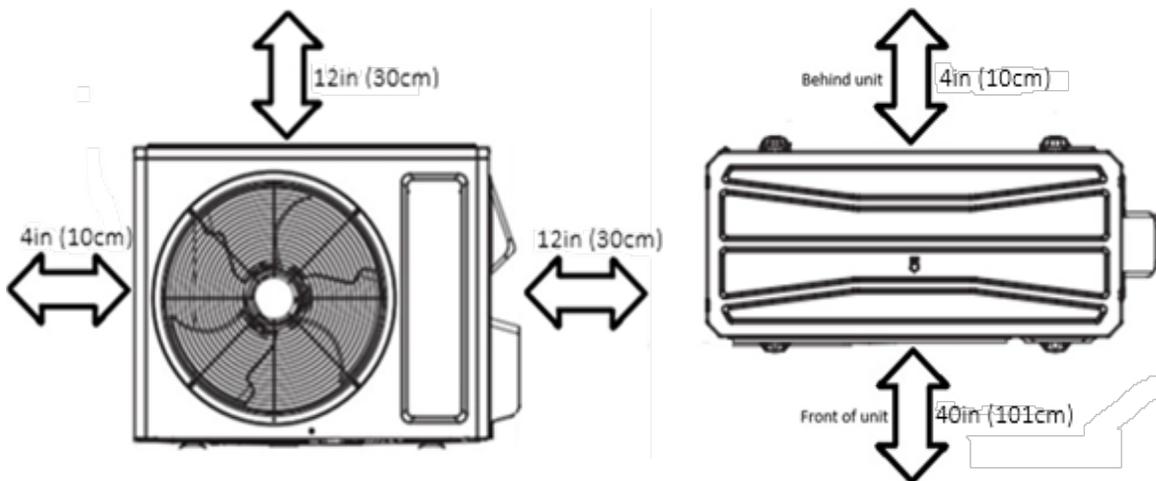
Outdoor unit Dimensions

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.

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Indoor unit specifications

KW24XQ29S1DI

Air flow volume			dB (A)
Turbo	765 CFM	1300 m3/h	53
High	559 CFM	950 m3/h	45
Med-high	530 CFM	900 m3/h	44
Medium	441 CFM	750 m3/h	41
Med-low	412 CFM	700 m3/h	39
Low	383 CFM	650 m3/h	38
Sleep	353 CFM	600 m3/h	36

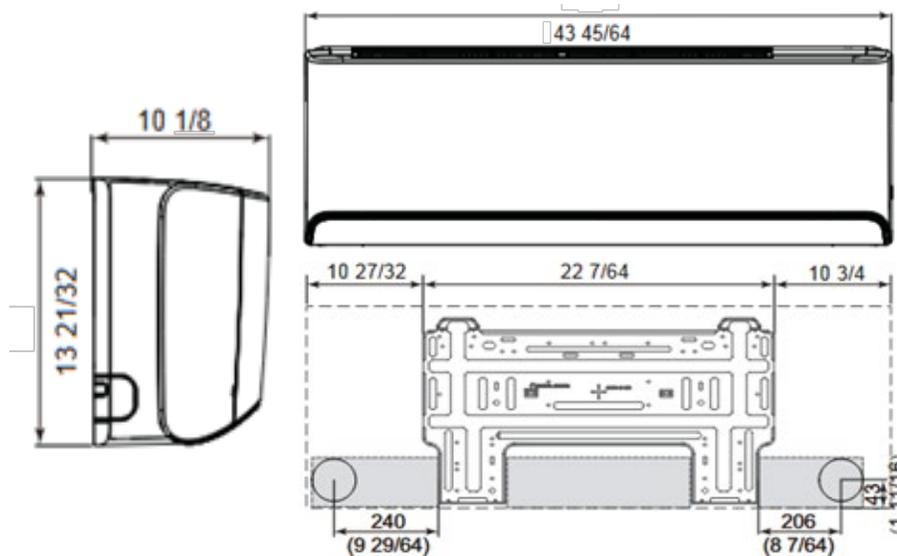
Net weight:	39.7 Lbs	Gross weight:	46.3 Lbs
	18 Kg		21 Kg
Included:	Infrared remote YBE1FBB		
Dehumidification level:	7.4 pt/hr		
Optional Accessories			
24V interlock wired controller:	XE71-00/E		
Wired controller:	XE71-44G		
Embedded wired controller:	XE74-44E		
Embedded WIFI wired controller	XE72-44E		

Included Features

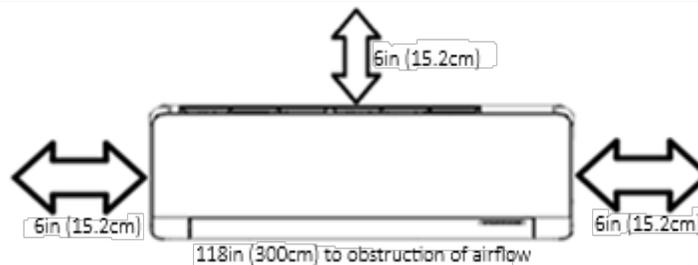
WI-FI control	8C heating	I-feel	Self clean	Forced defrost	Soft start	Low voltage startup
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Indoor unit Dimensions

Unit: mm(inch)



Minimum indoor unit clearances



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