



Submittal-Airy 9K 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: KW09XQ29S1DI

Outdoor: KW09XQ29S1DO

Capacity range




R32

20 Inverter



AHRI

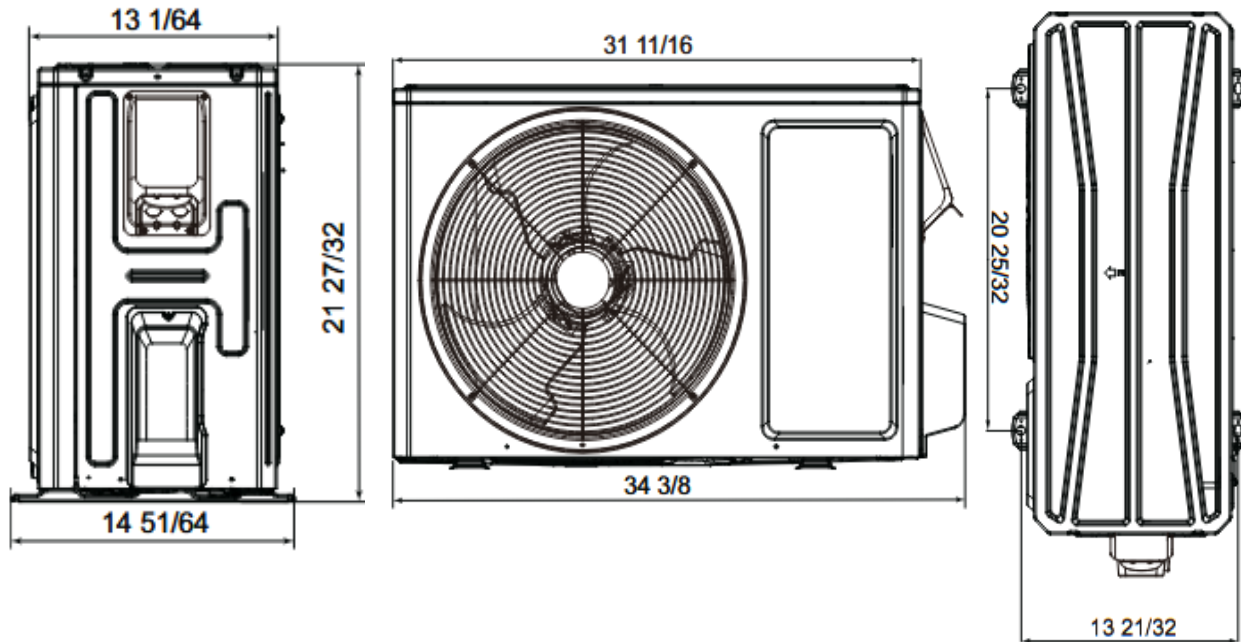
Output (BTU/H)		Minimum	Rated	Max	Certification		
Cooling:		1365	9100	12966	AHRI NO.	Energy Star	
Heating:		2730	10600	17060	217903557	4514302	
Heating performance					Efficiency Ratings		
Output (BTU/H)		Minimum	Rated	Max	SEER2	30	
47F (8.3C)		2700	10600	17000	HSPF2	11.2	
17F (-8.3C)		2800	12000	13000	EER (W/W)	4.92	
5F (-15C)		2600	11500	11500	COP (W/W)	4.4	
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	10A	
Connecting type			Screw Connection		MOP	15A	
Liquid line size			1/4in (6mm)		Power Supply Wire	14/3 AWG	
Gas line size			1/2in (12mm)		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			100 ft (30M)		Rotary compressor		
MAX. Vertical Height difference (total)			60 ft (20M)		Basepan heater		
Refrigerant Type			R-32		Compressor electric heater		
Factory Charge			35oz		Weight		
Additional Charge			0.2 oz/ft		Gross weight:	84.9Lbs (38.5Kg)	
Sound Pressure Level			55dB (A)		Net weight:	78.3Lbs (35.5Kg)	

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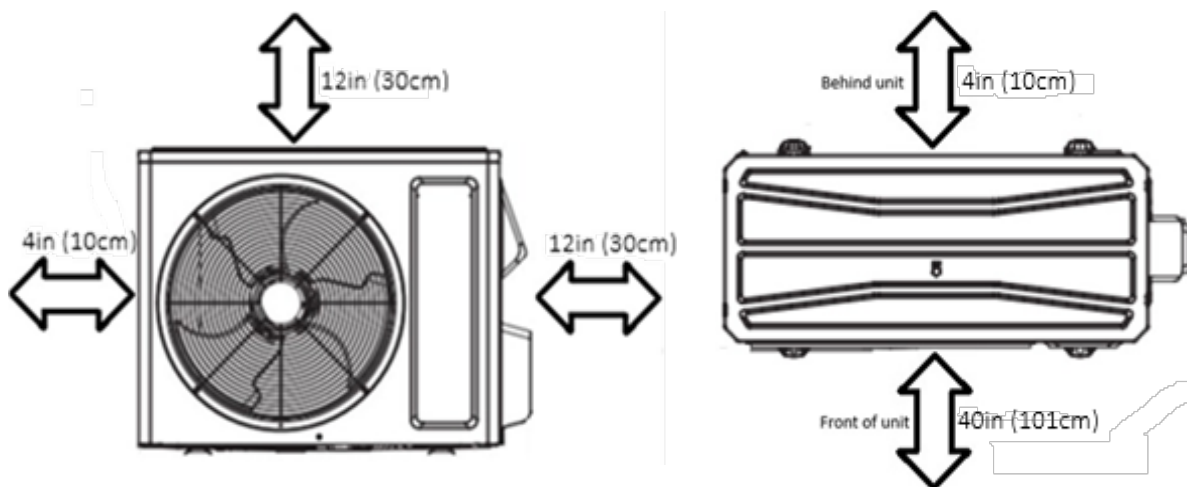


Outdoor unit Dimensions

KW09XQ29SDO



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

KW09XQ29SDI

Air flow volume			dB (A)
Turbo	506 CFM	860 m3/h	42
High	483 CFM	820 m3/h	41
Med-high	465 CFM	790 m3/h	40
Medium	435 CFM	740 m3/h	38
Med-low	365 CFM	620 m3/h	33
Low	312 CFM	530 m3/h	28
Sleep	265 CFM	450 m3/h	23

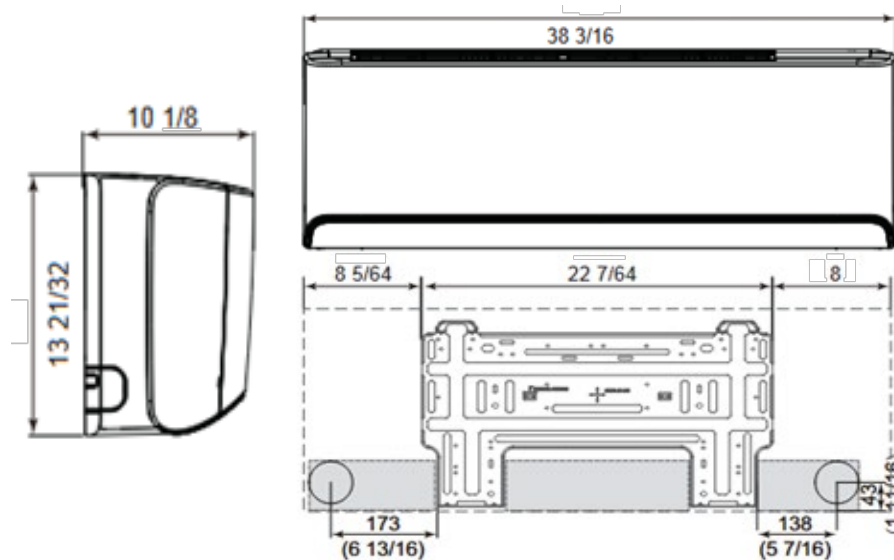
Net weight:	33.1 Lbs	Gross weight:	38.6 Lbs
	15 Kg		17.5 Kg
Included:	Infrared remote YBE1FBB		
Dehumidification level:		1.69 pt/hr	
Optional Accessories			
24V interlock wired controller:		XE71-00/E	
Wired controller:		XE71-44G	
Embedded wired controller:		XE74-44E	
Embedded WIFI wired controller		XE72-44E	

Included Features

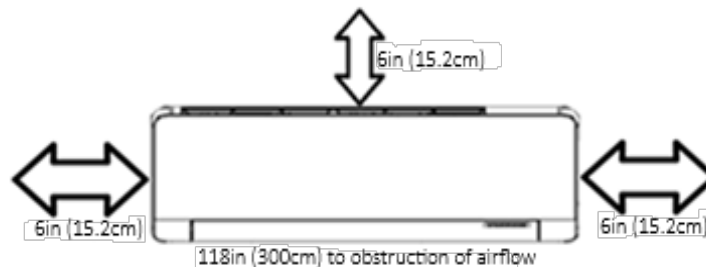
Wi-Fi control	8C heating	I-feel	Self clean	Forced defrost	Soft start	Low voltage startup
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Indoor unit Dimensions

Unit: mm(inch)



Minimum indoor unit clearances



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