



## 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 <input type="radio"/>	
Cold Climate Energy Star Heat Pump <input checked="" type="radio"/>	
Model numbers	
Indoor:	KW09XQ29S1DI
Outdoor:	KW09XQ29S1DO
Capacity range	



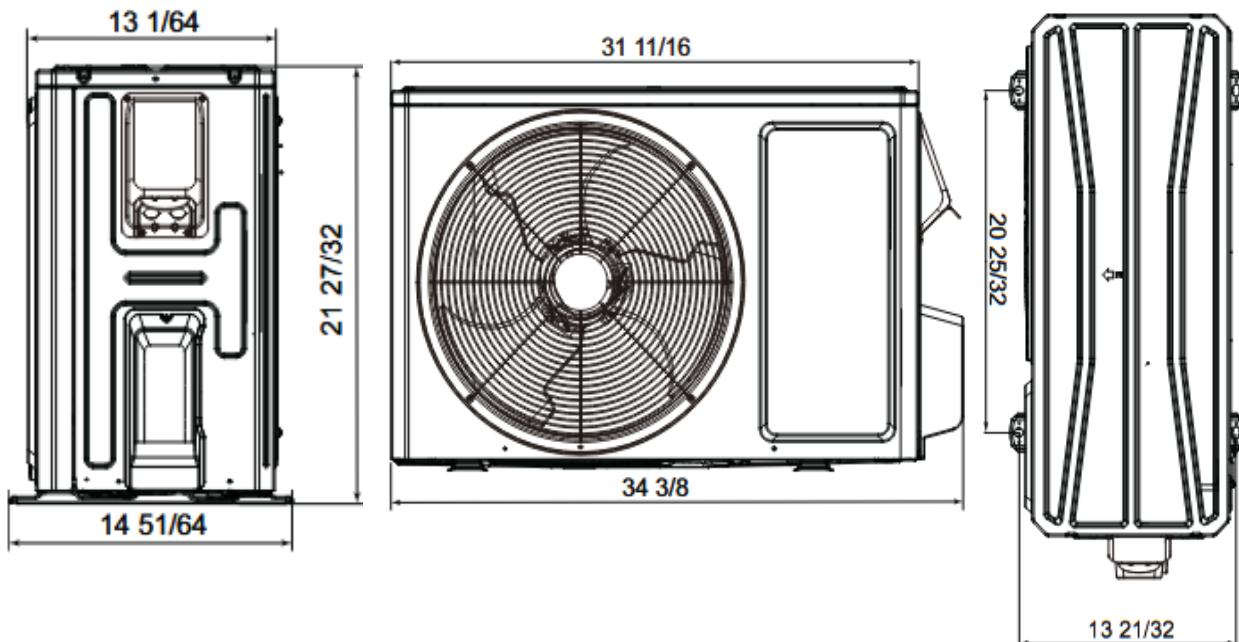
Output (BTU/H)	Minimum	Rated	Max	Certification	
Cooling:	1365	9100	12966	AHRI NO.	Energy Star
Heating:	2730	10600	17060	217903557	4514302
Heating performance				Efficiency Ratings	
Output (BTU/H)	Minimum	Rated	Max	SEER2	30
47F (8.3C)	2700	10600	17000	HSPF2	11.2
17F (-8.3C)	2800	12000	13000	EER (W/W)	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)		

Specifications are subject to change without notice. Manufacturer reserves the right to discontinue or modify specifications or designs without notice or without incurring obligations. All Rights reserved.

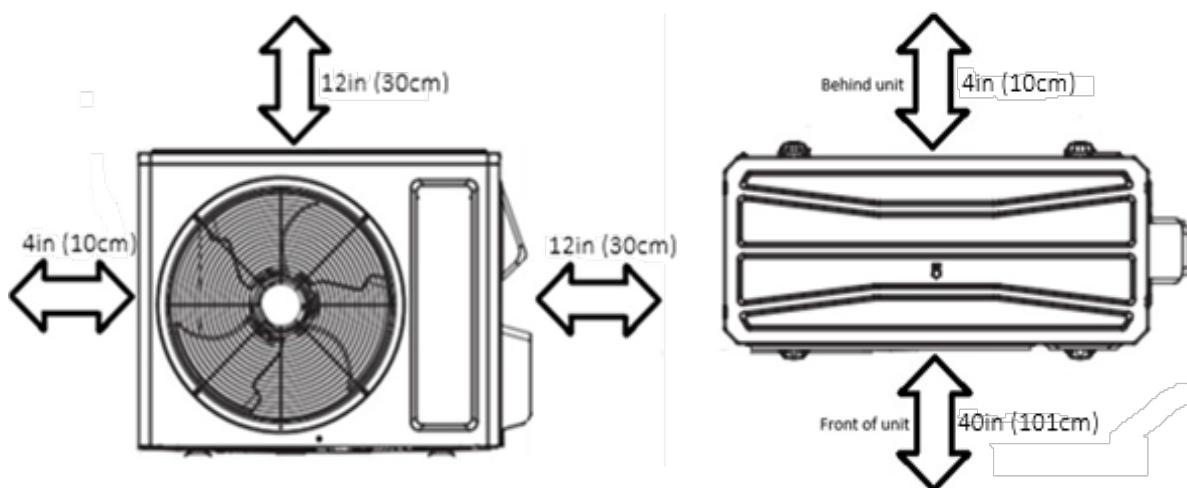


# Outdoor unit Dimensions

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

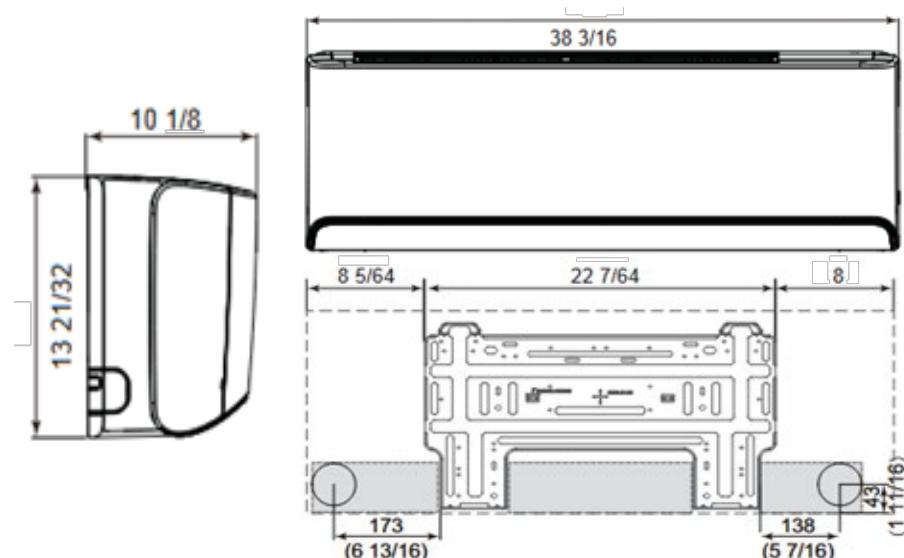
Net weight:	33.1 Lbs 15 Kg	Gross weight:	38.6 Lbs 17.5 Kg
Included:	Infrared remote YBE1FBF		
Dehumidification level:	1.69 pt/hr		
Optional Accessories			
24V interlock wired controller:	XE71-00/E		
Wired controller:	XE71-44G		
Embedded wired controller:	XE74-44E		
Embedded WIFI wired controller	XE72-44E		

## Included Features

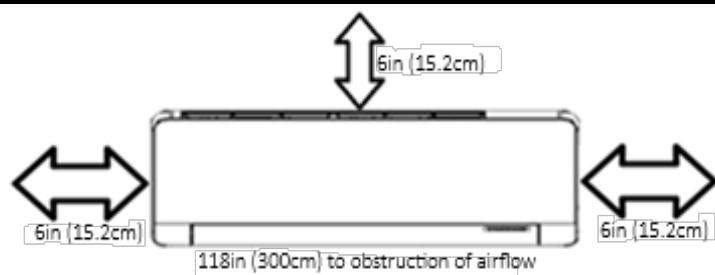
WI-FI control | 8C heating | I-feel | Self clean | Forced defrost | Soft start | Low voltage startup

## Indoor unit Dimensions

Unit: mm(inch)



## Minimum indoor unit clearances



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