



## Submittal-Airy 12K 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: KW12XQ29S1DI

Outdoor: KW12XQ29S1DO

### Capacity range




R32

20 Inverter



AHRI

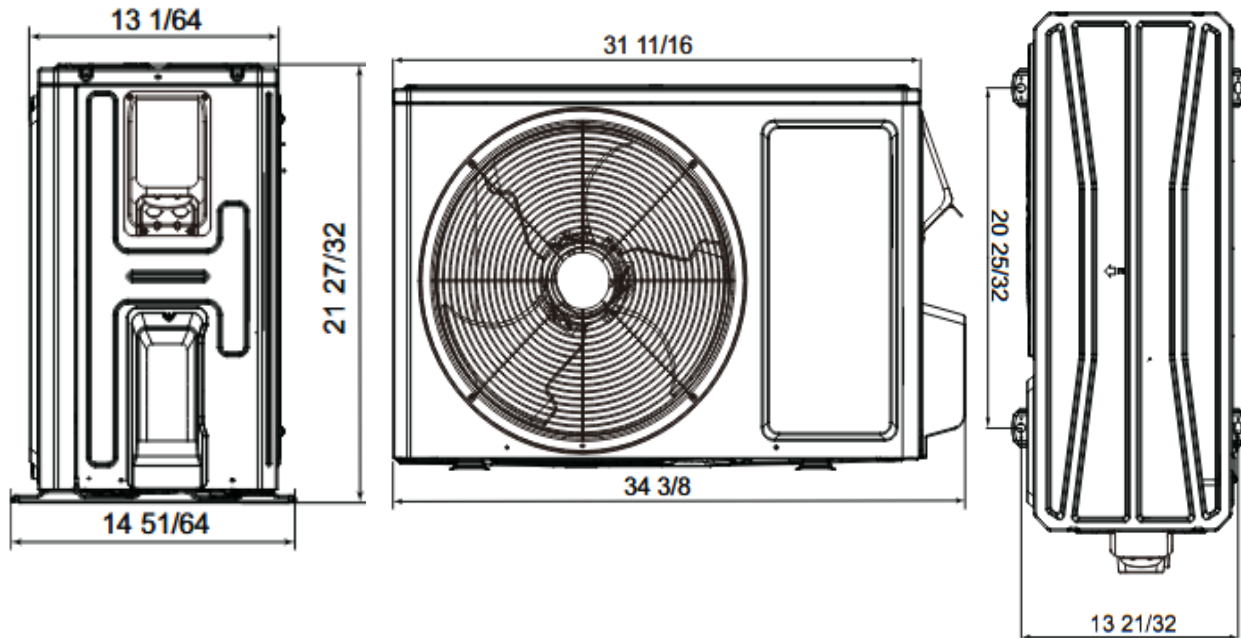
Output (BTU/H)		Minimum	Rated	Max	Certification		
Cooling:		2900	12000	17060	AHRI NO.	Energy Star	
Heating:		3070	12200	18766	217903558	4514303	
Heating performance					Efficiency Ratings		
Output (BTU/H)		Minimum	Rated	Max	SEER2	29.5	
47F (8.3C)		3270	12200	18766	HSPF2	10	
17F (-8.3C)		2800	13000	13000	EER (W/W)	4.4	
5F (-15C)		2600	12200	12200	COP (W/W)	4.5	
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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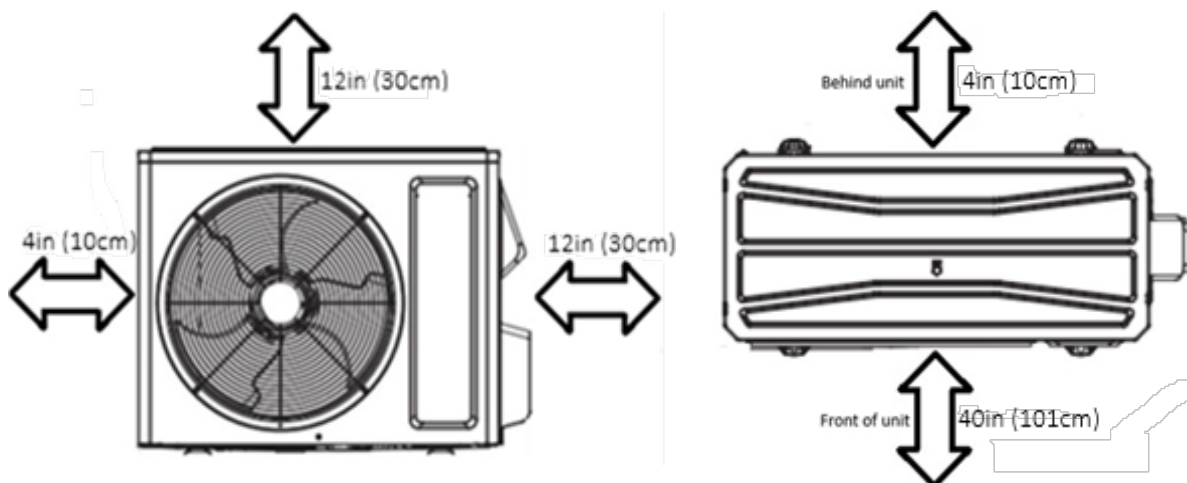


# Outdoor unit Dimensions

KW12XQ29SDO



## 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

KW12XQ29SDI

Air flow volume			dB (A)
Turbo	565 CFM	960 m3/h	43
High	506 CFM	860 m3/h	42
Med-high	477 CFM	810 m3/h	40
Medium	441 CFM	750 m3/h	39
Med-low	406 CFM	690 m3/h	33
Low	371 CFM	630m3/h	29
Sleep	353 CFM	600 m3/h	27

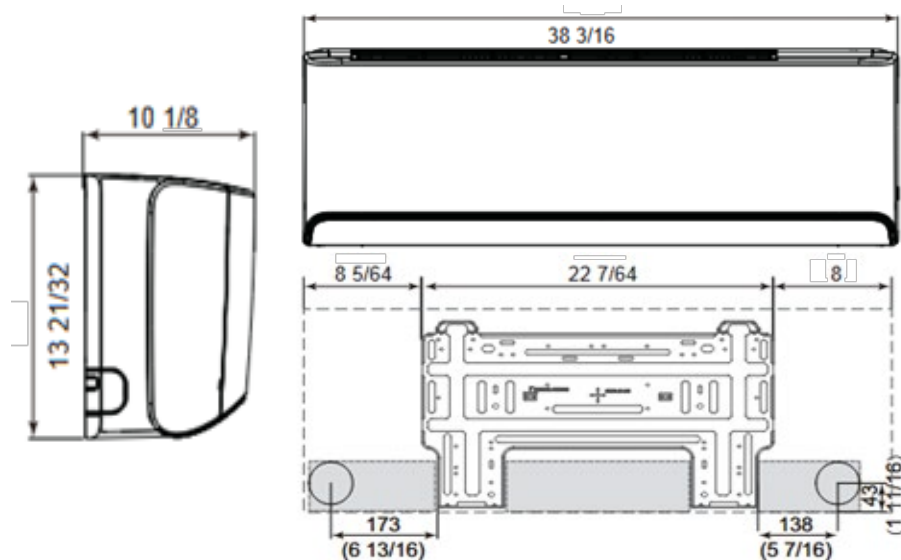
Net weight:	33.1 Lbs	Gross weight:	38.6 Lbs
	15 Kg		17.5 Kg
Included:	Infrared remote YBE1FBB		
Dehumidification level:		2.96 pt/hr	
Optional Accessories			
24V interlock wired controller:		XE71-00/E	
Wired controller:		XE71-44G	
Embedded wired controller:		XE74-44E	
Embedded WIFI wired controller		XE72-44E	

## Included Features

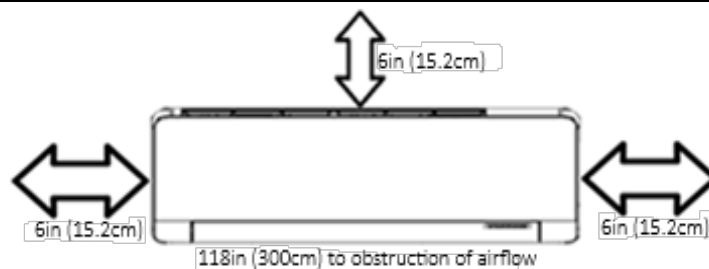
Wi-Fi control	8C heating	I-feel	Self clean	Forced defrost	Soft start	Low voltage startup
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## Indoor unit Dimensions

Unit: mm(inch)



## Minimum indoor unit clearances



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