



# 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

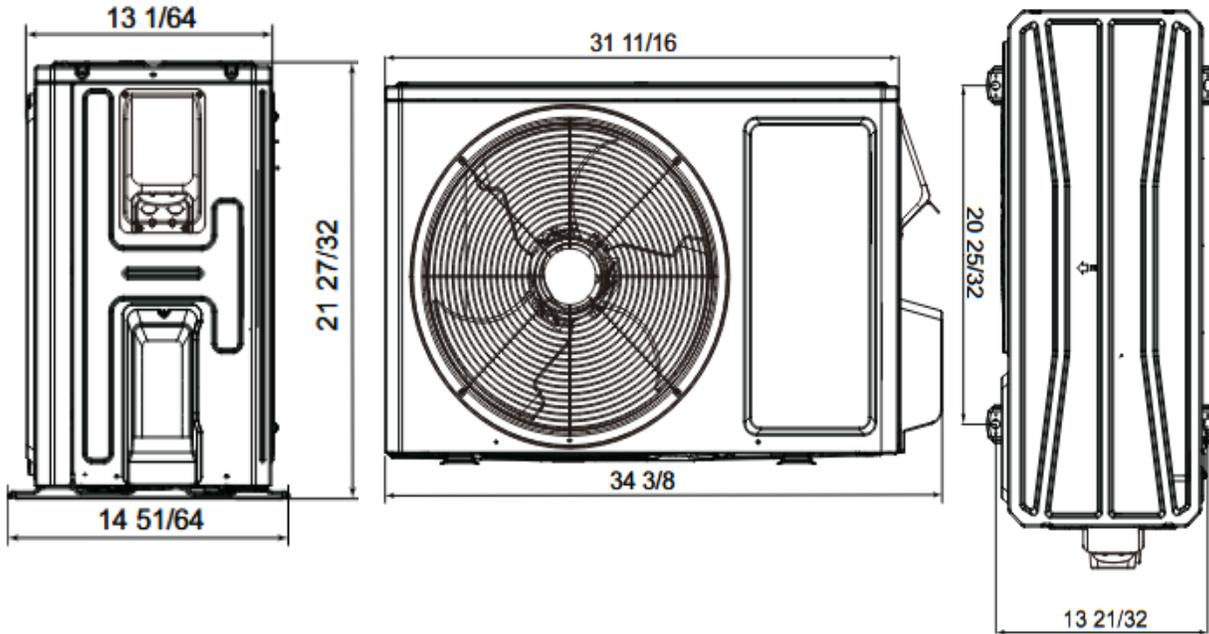
Output (BTU/H)	Minimum	Rated	Max	Certification		
Cooling:	2900	12000	17060	AHRI NO.	Energy Star	nep
Heating:	3070	12200	18766	217903558	4514303	
Heating performance				Efficiency Ratings		
Output (BTU/H)	Minimum	Rated	Max	SEER2	29.5	
47F (8.3C)	3270	12200	18766	HSPF2	10	
17F (-8.3C)	2800	13000	13000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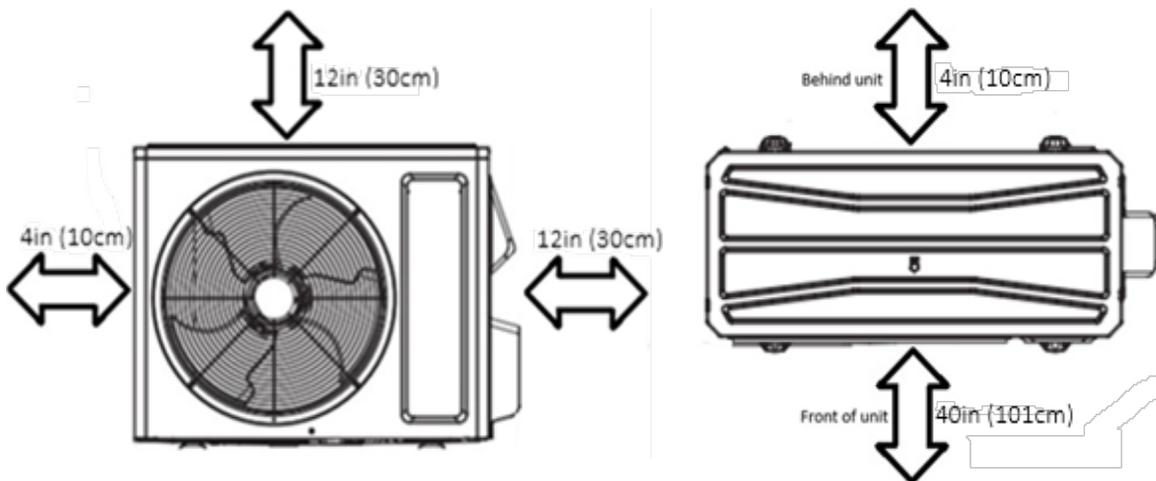


# Outdoor unit Dimensions

KW12XQ29S1DO



## 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

KW12XQ29S1DI

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

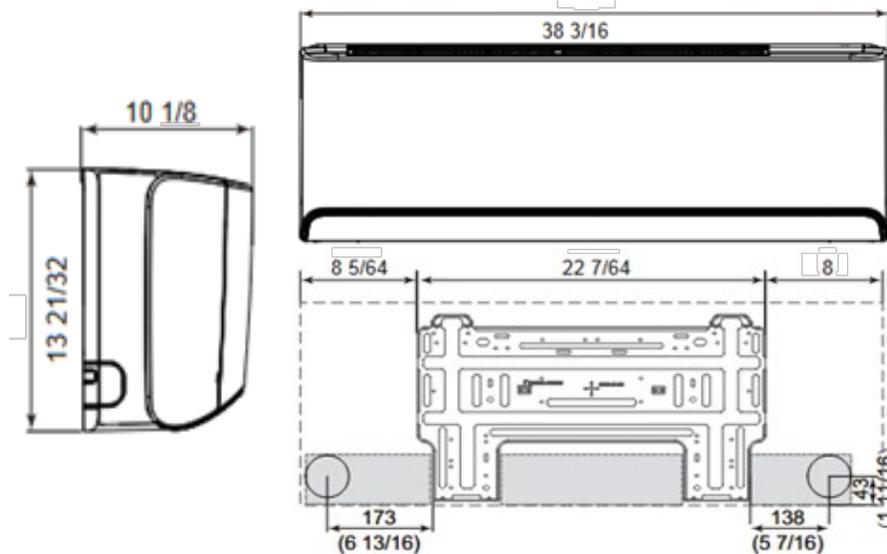
Net weight:	33.1 Lbs	Gross weight:	38.6 Lbs
	15 Kg		17.5 Kg
Included:	Infrared remote YBE1FBF		
Dehumidification level:	2.96 pt/hr		
<b>Optional Accessories</b>			
24V interlock wired controller:	XE71-00/E		
Wired controller:	XE71-44G		
Embedded wired controller:	XE74-44E		
Embedded WIFI wired controller	XE72-44E		

### Included Features

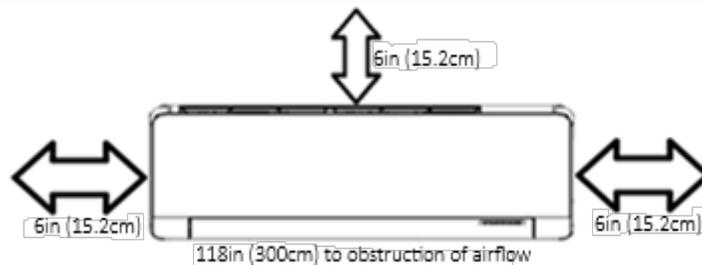
WI-FI control	8C heating	I-feel	Self clean	Forced defrost	Soft start	Low voltage startup
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### Indoor unit Dimensions

Unit: mm(inch)



### Minimum indoor unit clearances



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