



Submittal-Airy 18K 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: KW18XQ29S1DI

Outdoor: KW18XQ29S1DO

Capacity range



R32



20 Inverter

AHRI

Output (BTU/H)	Minimum	Rated	Max	Certification		
Cooling:	4435	18000	25590	AHRI NO.	Energy Star	nep
Heating:	5118	18600	26272	217903559	4514304	
Heating performance				Efficiency Ratings		
Output (BTU/H)	Minimum	Rated	Max	SEER2	27.5	
47F (8.3C)	5000	18600	26272	HSPF2	10	
17F (-8.3C)	8000	19500	20100	EER (W/W)	4.2	
5F (-15C)	6800	18000	18000	COP (W/W)	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	20A		
Connecting type	Screw Connection		MOP	25A		
Liquid line size	1/4in (6mm)		Power Supply Wire	12/3 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	47oz		Weight			
Additional Charge	0.4 oz/ft		Gross weight:	104.7Lbs (47.5Kg)		
Sound Pressure Level	59dB (A)		Net weight:	94.8Lbs (43Kg)		

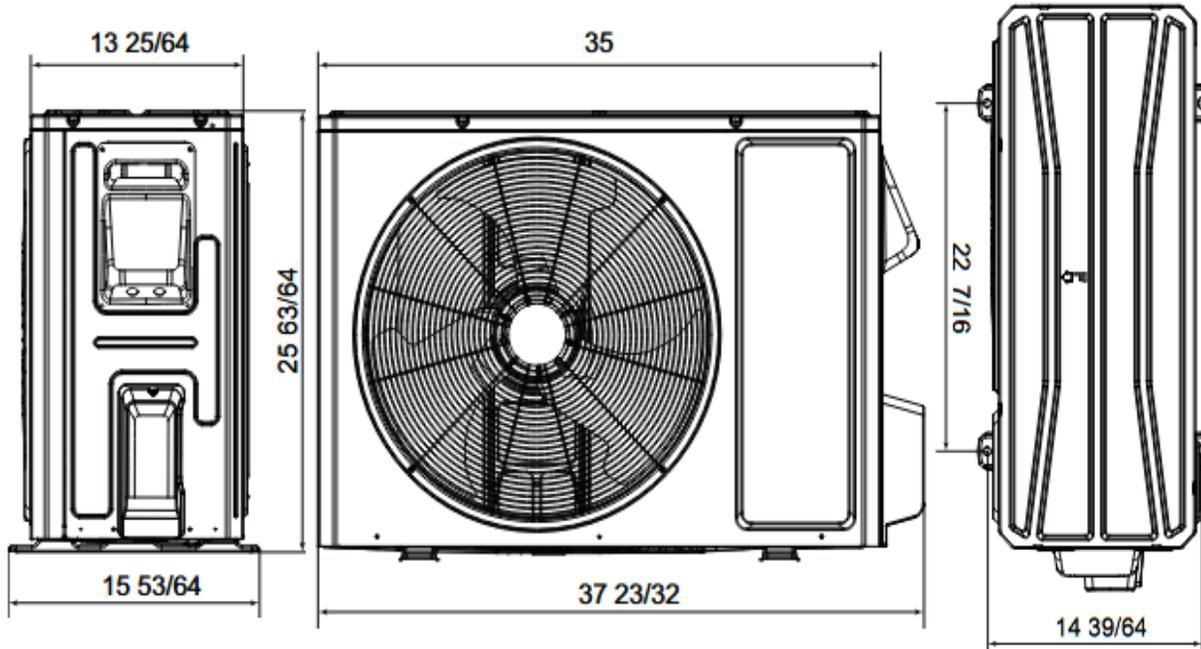
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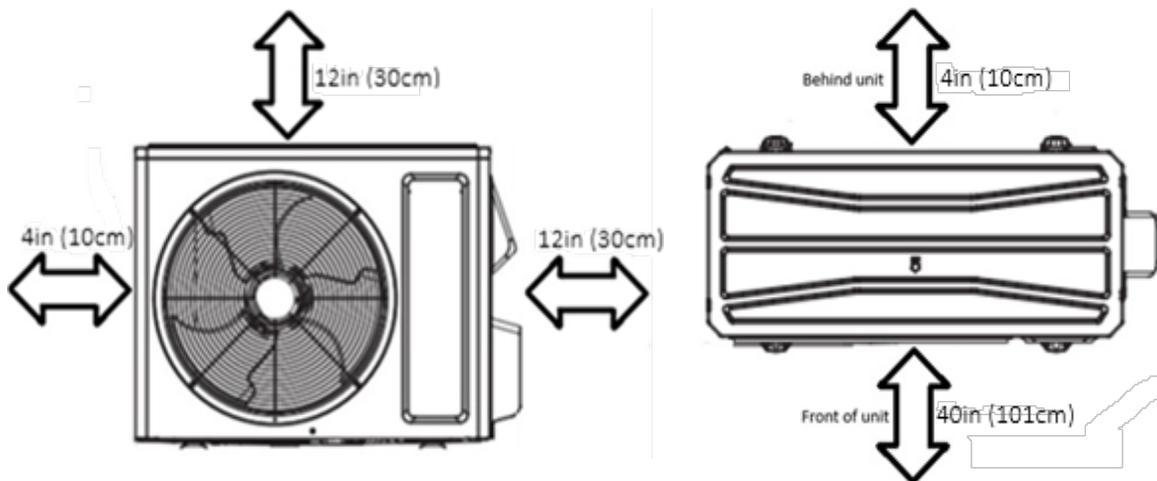
Outdoor unit Dimensions

Unit: inch

KW18XQ29S1DO



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

KW18XQ29S1DI

Air flow volume			dB (A)
Turbo	736 CFM	1250 m3/h	49
High	677 CFM	1150 m3/h	46
Med-high	618 CFM	1050 m3/h	45
Medium	589 CFM	1000 m3/h	42
Med-low	547 CFM	930 m3/h	40
Low	524 CFM	890m3/h	38
Sleep	471 CFM	800 m3/h	35

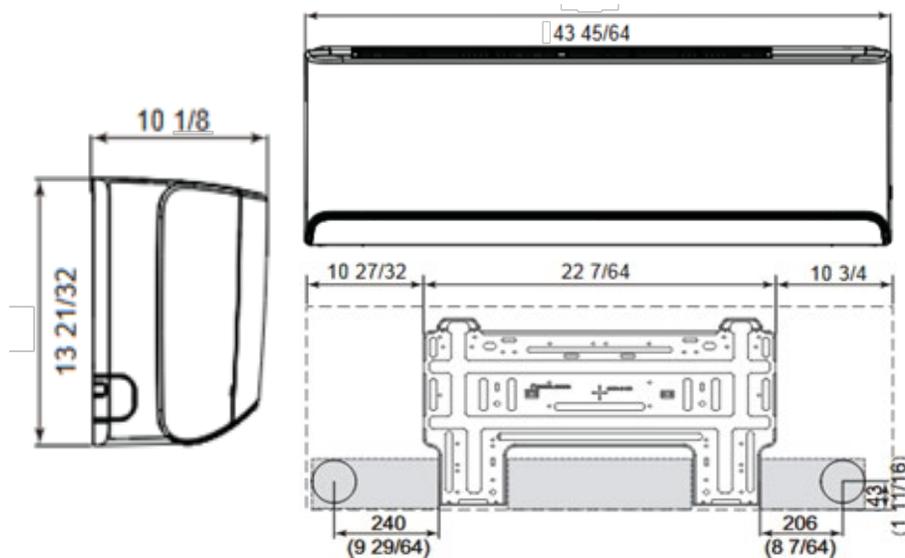
Net weight:	38.6 Lbs	Gross weight:	45.2 Lbs
	17.5 Kg		20.5 Kg
Included:	Infrared remote YBE1FBB		
Dehumidification level:	3.8 pt/hr		
Optional Accessories			
24V interlock wired controller:	XE71-00/E		
Wired controller:	XE71-44G		
Embedded wired controller:	XE74-44E		
Embedded WIFI wired controller	XE72-44E		

Included Features

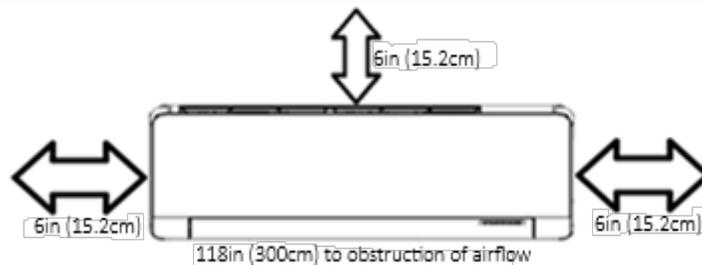
WI-FI control	8C heating	I-feel	Self clean	Forced defrost	Soft start	Low voltage startup
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Indoor unit Dimensions

Unit: mm(inch)



Minimum indoor unit clearances



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