



## 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	
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)	

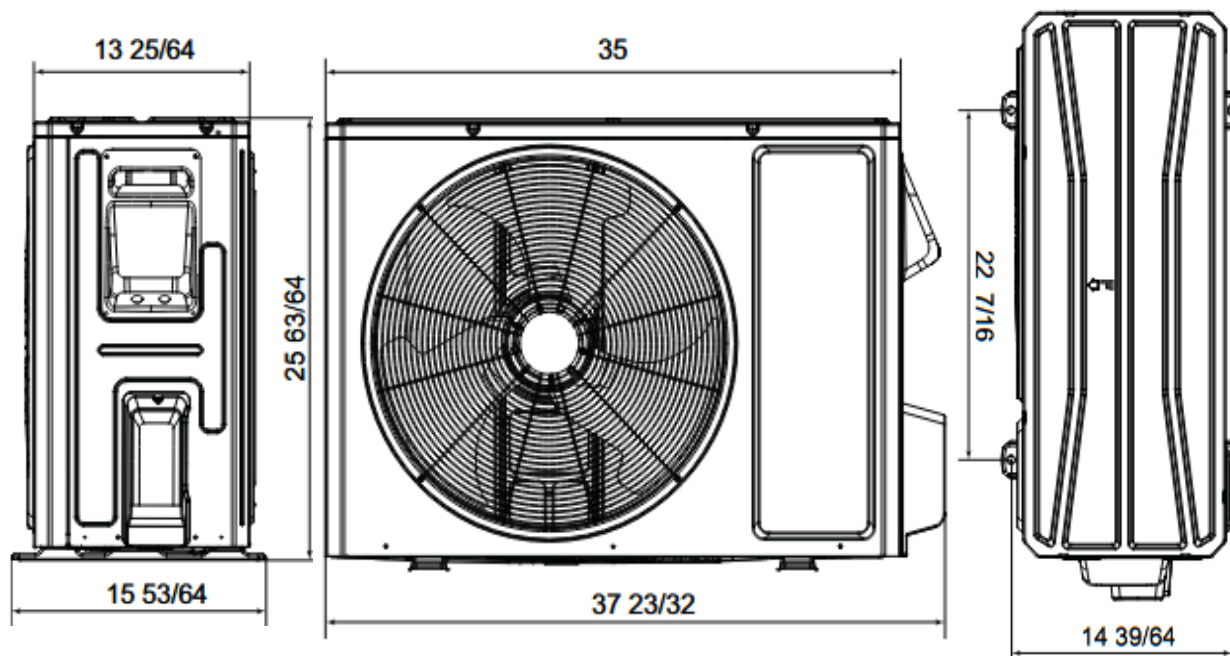
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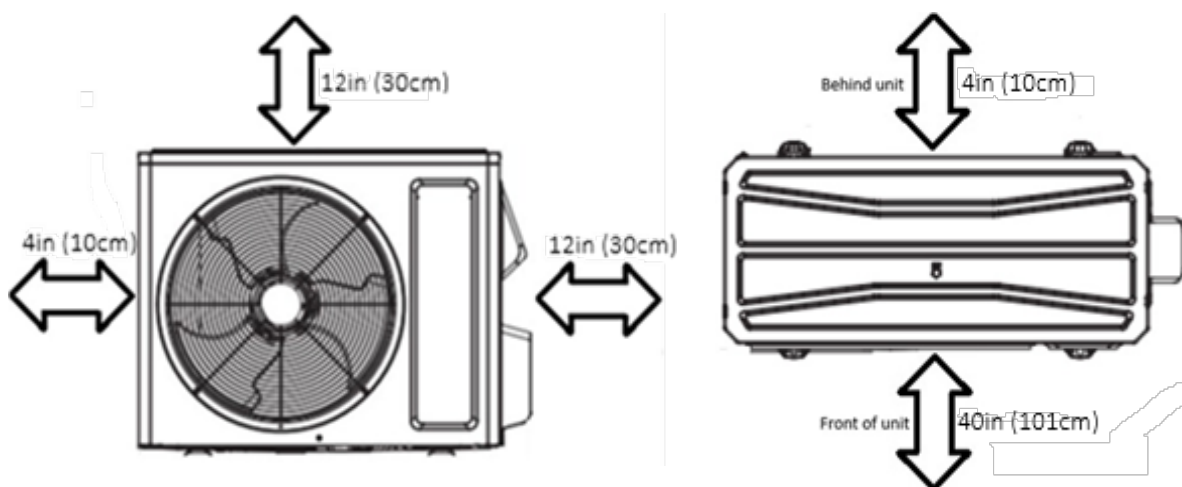
# Outdoor unit Dimensions

Unit: inch

KW18XQ29SDO



## 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

KW18XQ29SDI

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

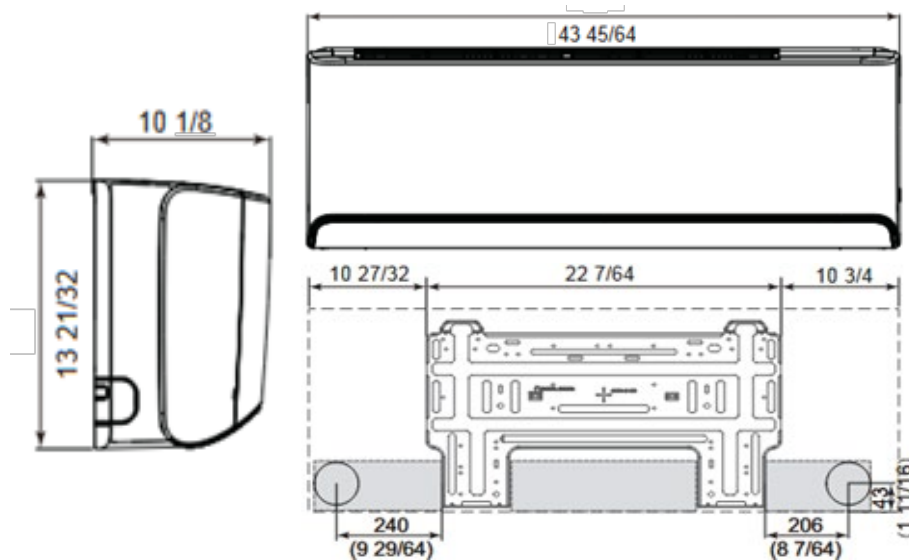
Net weight:	38.6 Lbs	Gross weight:	45.2 Lbs
	17.5 Kg		20.5 Kg
Included:	Infrared remote YBE1FBF		
Dehumidification level:		3.8 pt/hr	
Optional Accessories			
24V interlock wired controller:		XE71-00/E	
Wired controller:		XE71-44G	
Embedded wired controller:		XE74-44E	
Embedded WIFI wired controller		XE72-44E	

## Included Features

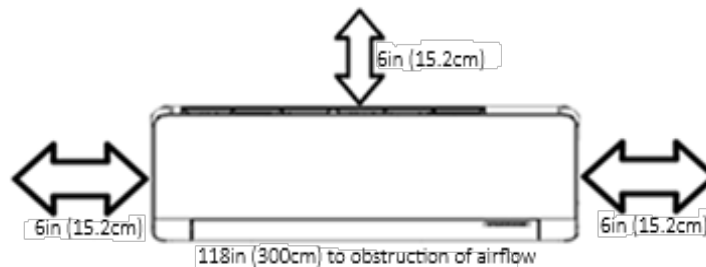
Wi-Fi control	8C heating	I-feel	Self clean	Forced defrost	Soft start	Low voltage startup
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## Indoor unit Dimensions

Unit: mm(inch)



## Minimum indoor unit clearances



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