



## Submittal-Charmo 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 ☐

Cold Climate Energy Star Heat Pump ☒

### Model numbers

Indoor: KW09HQ19CDI

Outdoor: KW09HQ19CDO

### Capacity range




R32

20 Inverter



AHRI

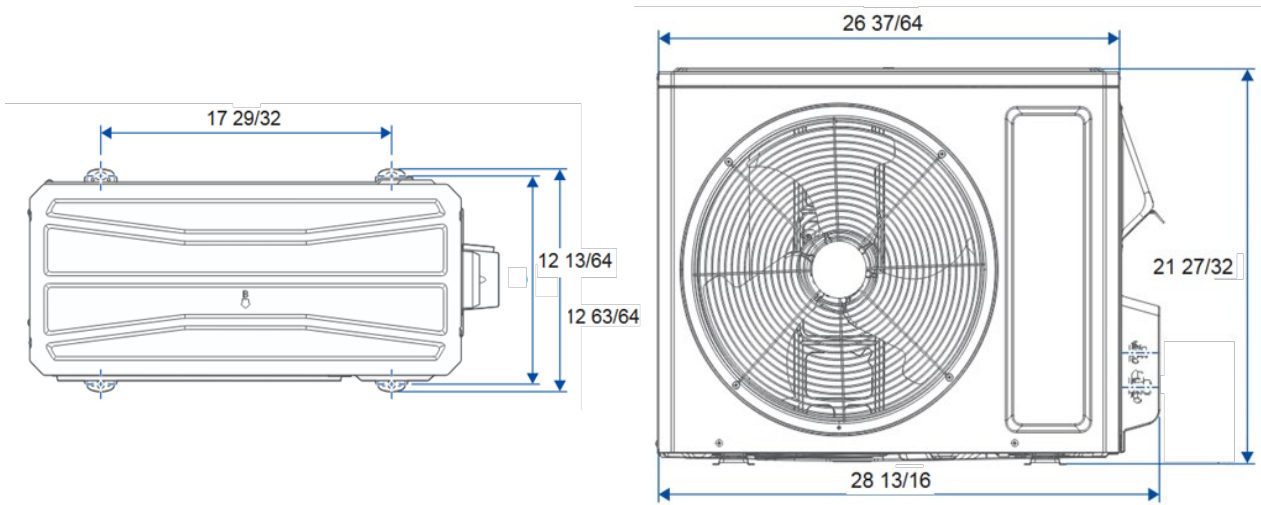
Output (BTU/H)		Minimum	Rated	Max	Certification		
Cooling:		2388	9100	10300	AHRI NO.	Energy Star	
Heating:		2217	10000	13136	217903552	4,514,229.	
Heating performance					Efficiency Ratings		
Output (BTU/H)		Minimum	Rated	Max	SEER2	20.5	
47F (8.3C)		2300	10000	12000	HSPF2	8.8	
17F (-8.3C)		1800	9600	9600	EER (W/W)	3.6	
5F (-15C)		1500	7600	7600	COP (W/W)	3.8	
Outdoor temperature range					Electrical		
Cooling:	-18-48C		0-118F		Power supply	208-230V/60Hz/1Ph	
Heating:	-25-24C		-13-75F		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			3/8in (9.52mm)		Interconnecting Wire	14/4 AWG	
pre-charge length			24.6ft (7.5M)		Features:		
MIN. Refrigerant Pipe Length			10 ft (3M)		Capillary Expansion		
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			18.7 oz		Weight		
Additional Charge			0.2 oz/ft		Gross weight:	60.6Lbs (27.5Kg)	
Sound Pressure Level			51dB (A)		Net weight:	55.1Lbs (25Kg)	

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.

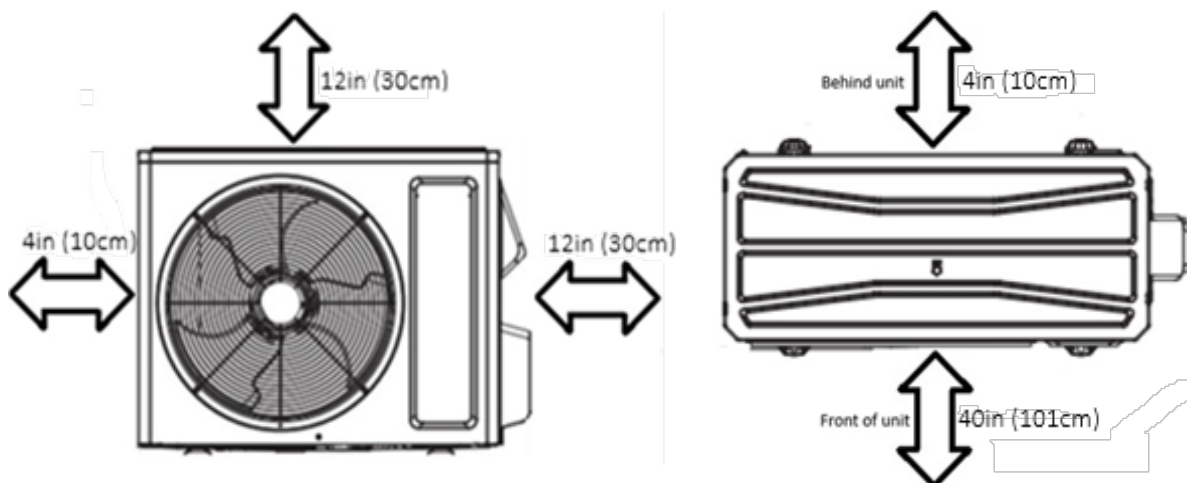


# Outdoor unit Dimensions

KW09XQ19SDO



## 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.

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.



# Indoor unit specifications

KW09XQ19SDI

Air flow volume			dB (A)
Turbo	353 CFM	600 m3/h	41
High	282 CFM	480 m3/h	37
Med-high	265 CFM	450 m3/h	34
Medium	230 CFM	390 m3/h	32
Med-low	212 CFM	360 m3/h	31
Low	194 CFM	330 m3/h	27
Sleep	159 CFM	270 m3/h	24

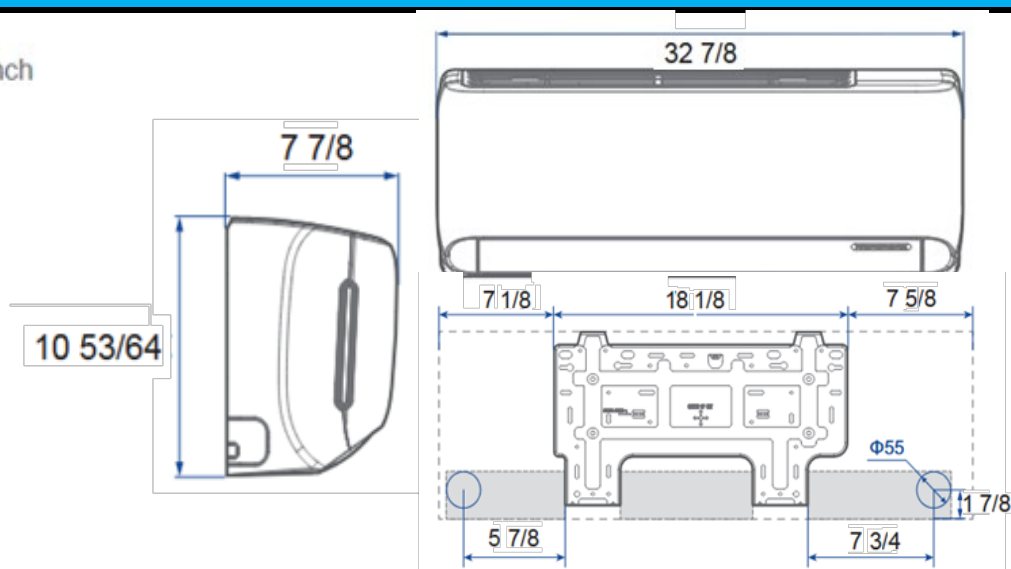
Net weight:	20.9 Lbs	Gross weight:	24.3 Lbs
	9 Kg		11.5 Kg
Included:	Infrared remote YBE1FBB		
Dehumidification level:		1.69 pt/hr	
Optional Accessories			
24V interlock wired controller:		XE71-00/E	
Wired controller:		XE71-44G	
Embedded wired controller:		XE74-44E	
Embedded WIFI wired controller		XE72-44E	

## Included Features

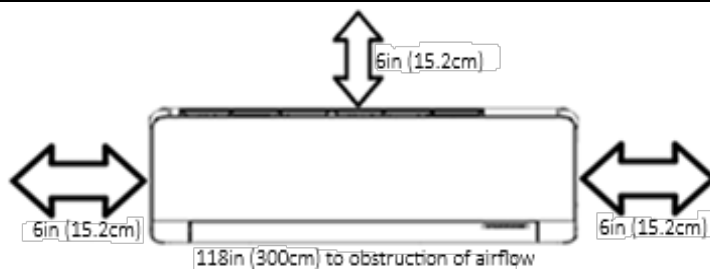
Wi-Fi control	8C heating	I-feel	Self clean	Forced defrost	Soft start	Low voltage startup
---------------	------------	--------	------------	----------------	------------	---------------------

## Indoor unit Dimensions

Unit: inch



## Minimum indoor unit clearances



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.