



Submittal-Charmo 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: KW18HQ19CDI
Outdoor: KW18HQ19CDO

Capacity range



R32



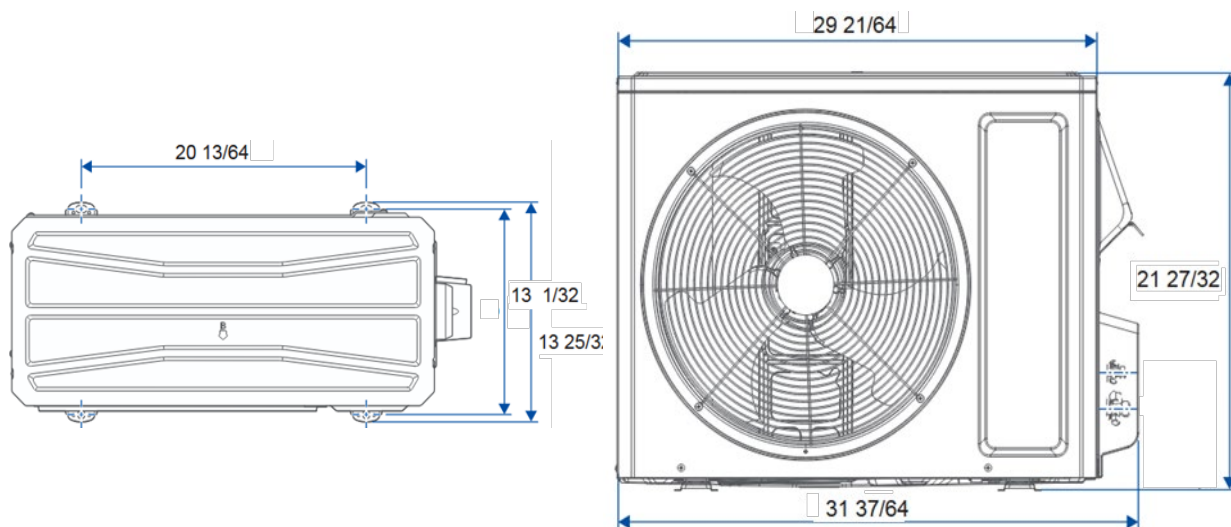
Output (BTU/H)	Minimum	Rated	Max	Certification		
Cooling:	3753	18000	20300	AHRI NO.	Energy Star	
Heating:	2730	19100	22500	218029881	4,520,600.	
Heating performance				Efficiency Ratings		
Output (BTU/H)	Minimum	Rated	Max	SEER2	20	
47F (8.3C)	7000	17000	22500	HSPF2	8.5	
17F (-8.3C)	7000	15300	15400	EER (W/W)	3.52	
5F (-15C)	7000	12100	12100	COP (W/W)	3.9	
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	13A	
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)		Capillary Expansion		
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		32.5 oz		Weight		
Additional Charge		0.2 oz/ft		Gross weight:	60.6Lbs (27.5Kg)	
Sound Pressure Level		57dB (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.

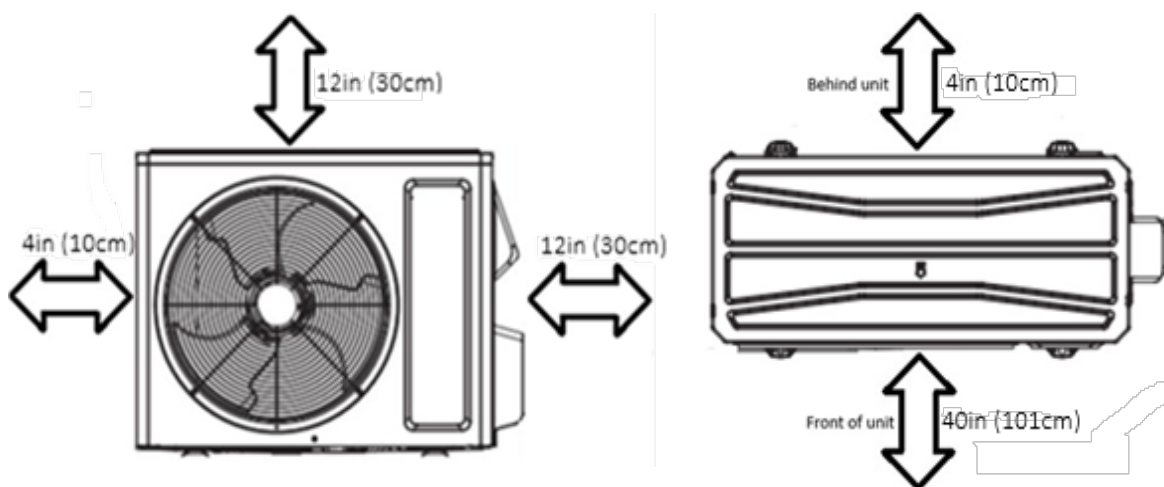


Outdoor unit Dimensions

KW18XQ19SDO



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.



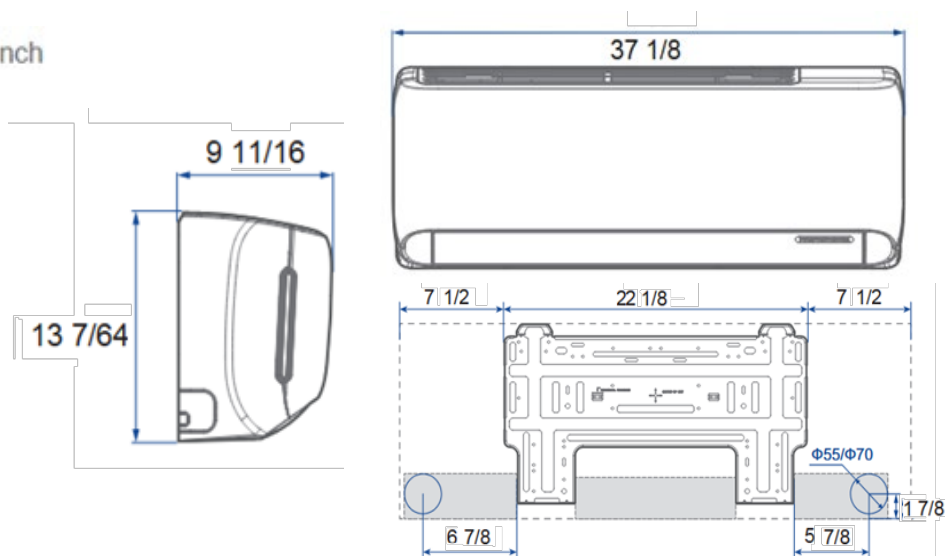
Indoor unit specifications

KW18XQ19SDI			
Air flow volume			dB (A)
Turbo	618 CFM	1050 m3/h	53
High	512 CFM	870 m3/h	49
Med-high	471 CFM	800 m3/h	46
Medium	435 CFM	740 m3/h	44
Med-low	394 CFM	670 m3/h	42
Low	335 CFM	570 m3/h	38
Sleep	282 CFM	480 m3/h	34

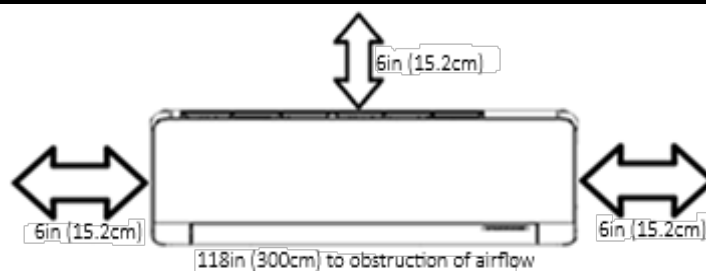
Net weight:	28.7 Lbs	Gross weight:	34.2 Lbs
	13 Kg		15.5 Kg
Included:	Infrared remote YBE1FBB		
Dehumidification level:		3.8 pt/hr	
Optional Accessories			
24V interlock wired controller:		XE71-00/E	
Wired controller:		XE71-44G	
Embedded wired controller:		XE74-44E	
Embedded WIFI wired controller		XE72-44E	

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