



Submittal-Charmo 12K 115V 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: KW12HQ19CAI
 Outdoor: KW12HQ19CAO

Capacity range



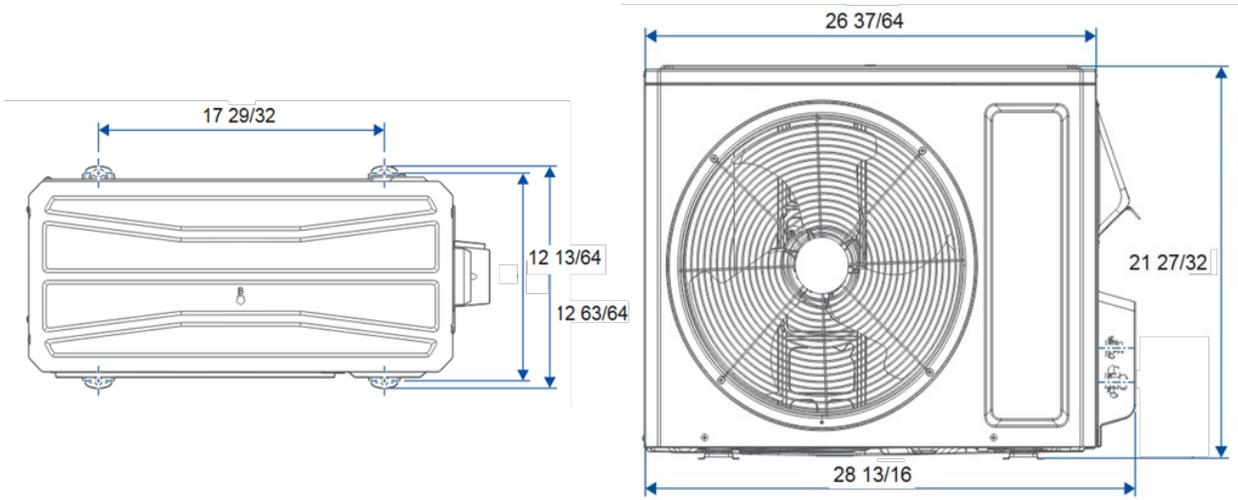
Output (BTU/H)	Minimum	Rated	Max	Certification		
Cooling:	3070	12000	13300	AHRI NO.	Energy Star	nep
Heating:	3070	12000	14600			
Heating performance				Efficiency Ratings		
Output (BTU/H)	Minimum	Rated	Max	SEER2	19	
47F (8.3C)				HSPF2	8.5	
17F (-8.3C)				EER (W/W)	2.85	
5F (-15C)				COP (W/W)	3.5	
Outdoor temperature range				Electrical		
Cooling:	-18-48C	0-118F		Power supply	115V/60Hz/1Ph	
Heating:	-25-24C	-13-75F		Min/Max voltage	103-126Vac	
Condenser specifications				MCA	19A	
Connecting type		Screw Connection		MOP	20A	
Liquid line size		1/4in (6mm)		Power Supply Wire	12/3 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		17.6 oz		Weight		
Additional Charge		0.2 oz/ft		Gross weight:	60.6Lbs (27.5Kg)	
Sound Pressure Level		52dB (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.

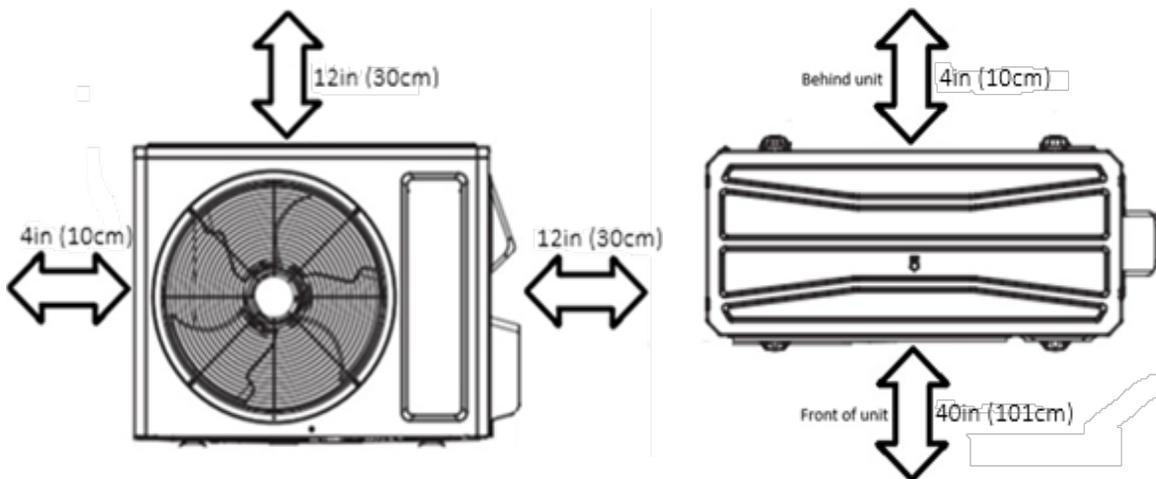


Outdoor unit Dimensions

KW12HQ19CAO



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

KW12HQ19CAI

Air flow volume			dB (A)
Turbo	424 CFM	700 m3/h	47
High	353 CFM	600 m3/h	39
Med-high	324 CFM	550 m3/h	38
Medium	277 CFM	470 m3/h	35
Med-low	247 CFM	420 m3/h	33
Low	224 CFM	380 m3/h	32
Sleep	182 CFM	310 m3/h	27

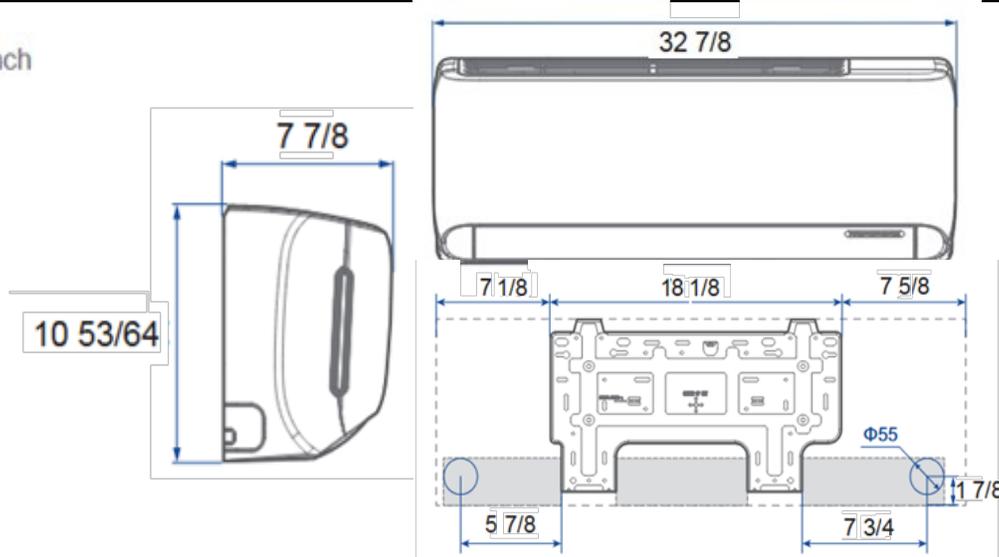
Net weight:	20.9 Lbs	Gross weight:	24.3 Lbs
	9 Kg		11.5 Kg
Included:	Infrared remote YBE1FBB		
Dehumidification level:	2.96pt/hr		
Optional Accessories			
24V interlock wired controller:	XE71-00/E		
Wired controller:	XE71-44G		
Embedded wired controller:	XE74-44E		
Embedded WIFI wired controller	XE72-44E		

Included Features

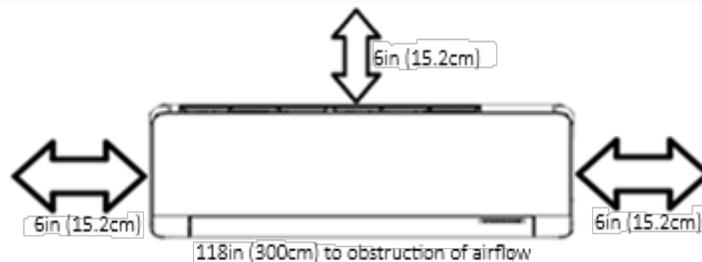
WI-FI control	8C heating	I-feel	Self clean	Forced defrost	Soft start	Low voltage startup
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Indoor unit Dimensions

Unit: inch



Minimum indoor unit clearances



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