



Submittal-Charmo 12K 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: KW12HQ19CDI

Outdoor: KW12HQ19CDO

Capacity range



R32

20 Inverter



AHRI

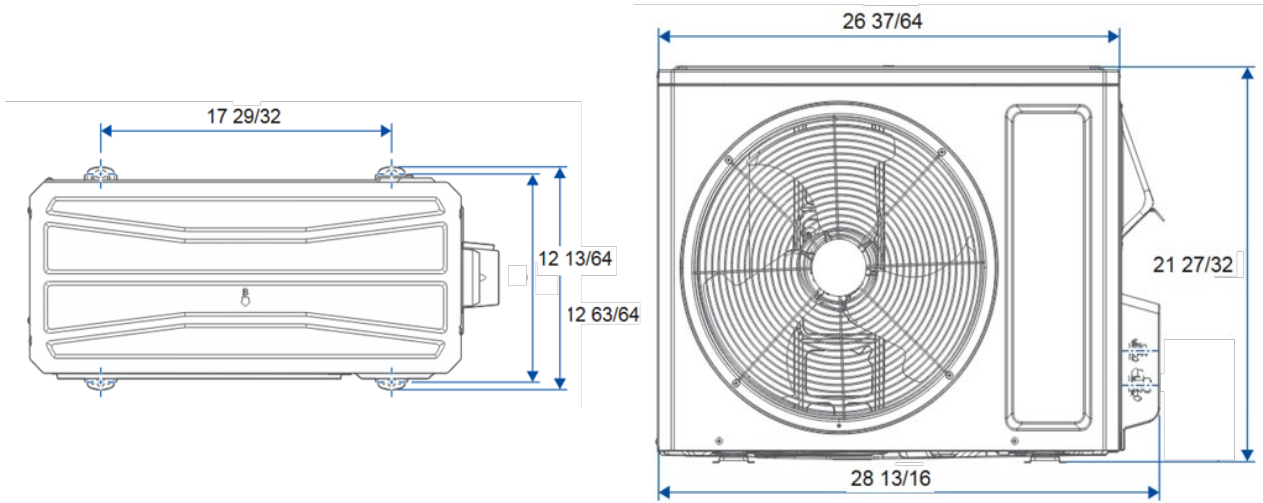
Output (BTU/H)		Minimum	Rated	Max	Certification		
Cooling:		3070	12000	13300	AHRI NO.	Energy Star	
Heating:		3070	12000	14600	217956851	4,514,328.	
Heating performance					Efficiency Ratings		
Output (BTU/H)		Minimum	Rated	Max	SEER2	19	
47F (8.3C)		3070	12000	12000	HSPF2	8.5	
17F (-8.3C)		2700	9700	11500	EER (W/W)	2.85	
5F (-15C)		2600	9100	9100	COP (W/W)	3.5	
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	12A	
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			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.

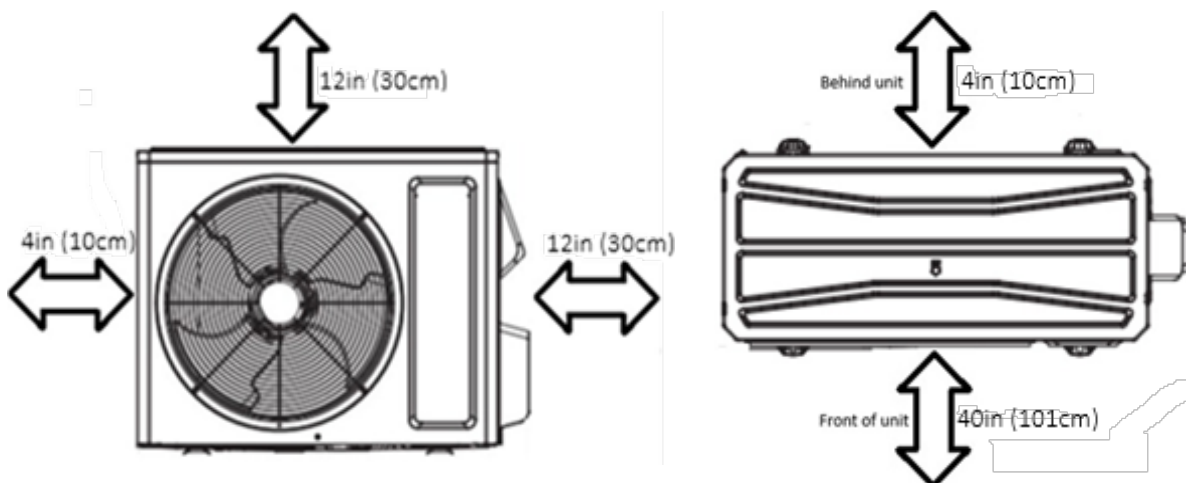


Outdoor unit Dimensions

KW12XQ19SDO



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

KW12XQ19SDI

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

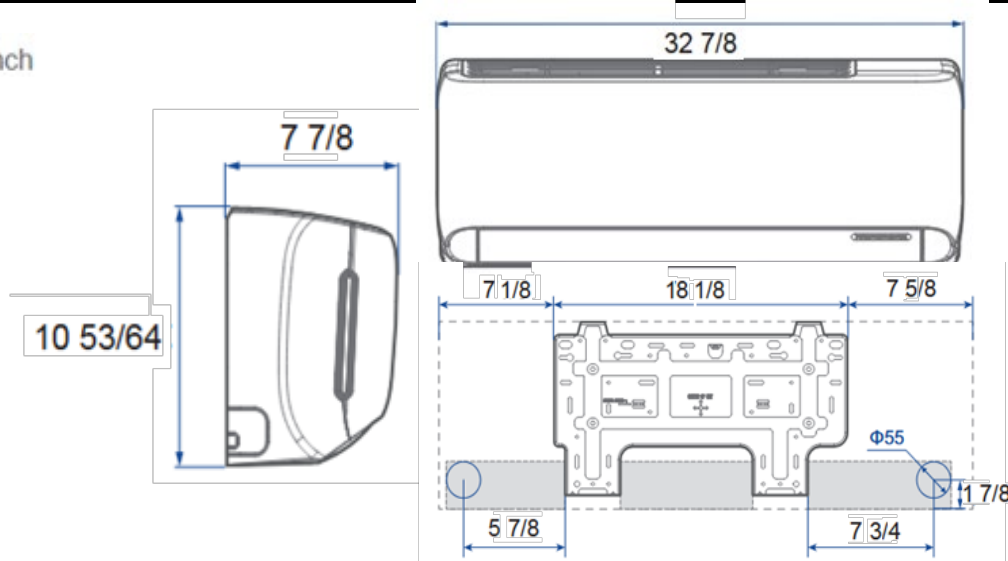
Net weight:	20.9 Lbs	Gross weight:	24.3 Lbs
	9 Kg		11.5 Kg
Included:	Infrared remote YBE1FBB		
Dehumidification level:		2.96pt/hr	
Optional Accessories			
24V interlock wired controller:		XE71-00/E	
Wired controller:		XE71-44G	
Embedded wired controller:		XE74-44E	
Embedded WIFI wired controller		XE72-44E	

Included Features

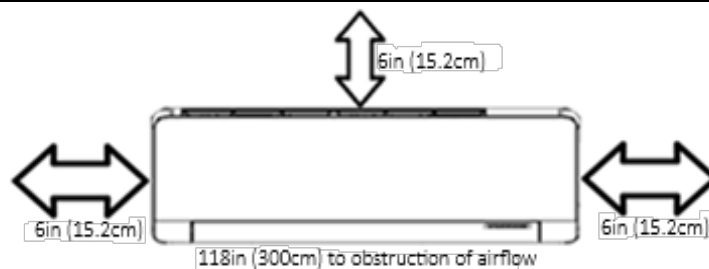
Wi-Fi control	8C heating	I-feel	Self clean	Forced defrost	Soft start	Low voltage startup
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Indoor unit Dimensions

Unit: inch



Minimum indoor unit clearances



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