



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

Output (BTU/H)	Minimum	Rated	Max	Certification		
Cooling:	2388	9100	10300	AHRI NO.	Energy Star	nep
Heating:	2217	10000	13136	217903552	4,514,229.	

Heating performance

Output (BTU/H)	Minimum	Rated	Max
47F (8.3C)	2300	10000	12000
17F (-8.3C)	1800	9600	9600
5F (-15C)	1500	7600	7600

Efficiency Ratings

SEER2	20.5
HSPF2	8.8
EER (W/W)	3.6
COP (W/W)	3.8

Outdoor temperature range

Cooling:	-18-48C	0-118F
Heating:	-25-24C	-13-75F

Electrical

Power supply	208-230V/60Hz/1Ph
Min/Max voltage	187-253Vac

Condenser specifications

Connecting type	Screw Connection
Liquid line size	1/4in (6mm)
Gas line size	3/8in (9.52mm)
pre-charge length	24.6ft (7.5M)
MIN. Refrigerant Pipe Length	10 ft (3M)
MAX. Refrigerant Pipe Length	100 ft (30M)
MAX. Vertical Height difference (total)	60 ft (20M)
Refrigerant Type	R-32
Factory Charge	18.7 oz
Additional Charge	0.2 oz/ft
Sound Pressure Level	51dB (A)

MCA	10A
MOP	15A
Power Supply Wire	14/3 AWG
Interconnecting Wire	14/4 AWG

Features:

Capillary Expansion
Rotary compressor
Basepan heater
Compressor electric heater

Weight

Gross weight:	60.6Lbs (27.5Kg)
Net weight:	55.1Lbs (25Kg)

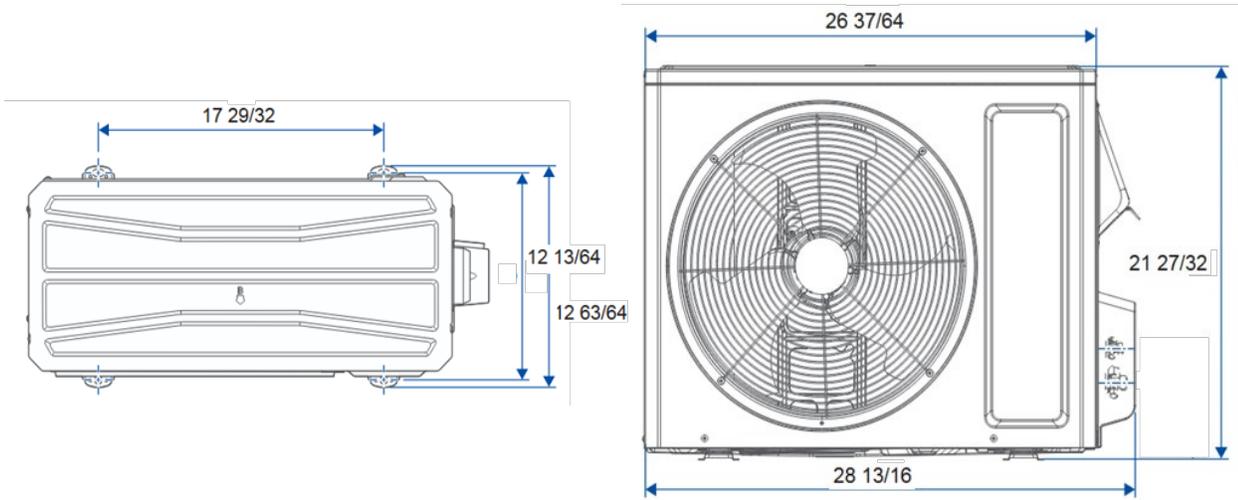


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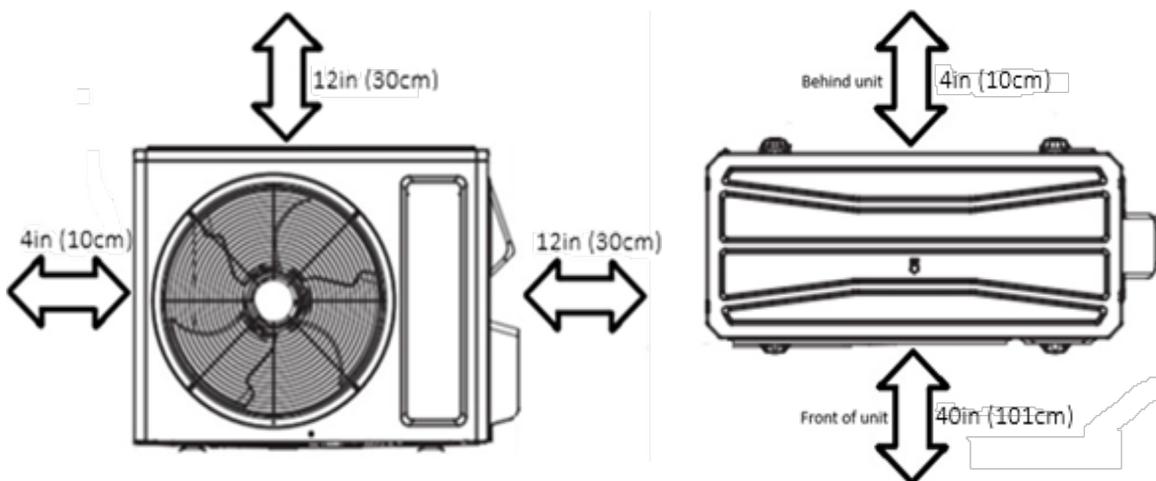


Outdoor unit Dimensions

KW09HQ19CDO



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

KW09HQ19CDI

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

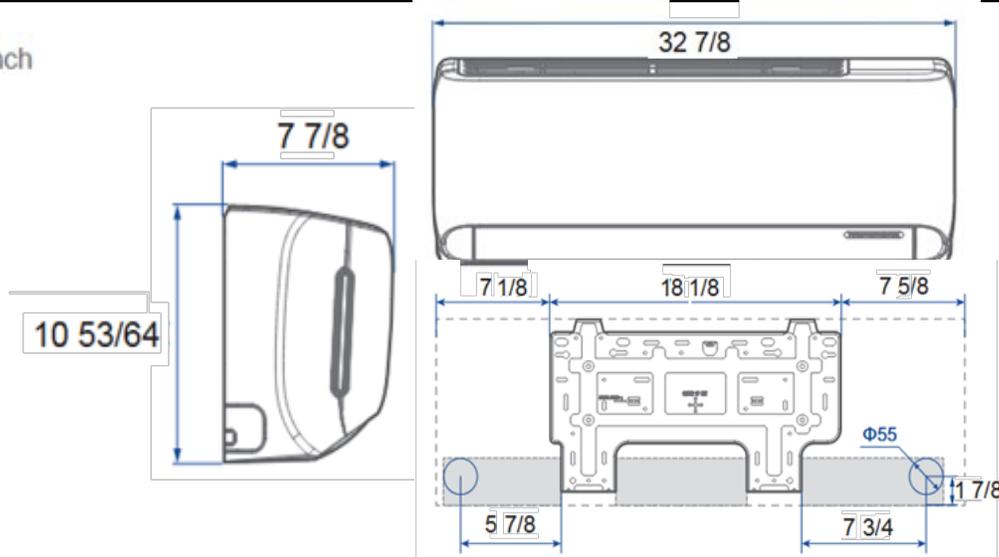
Net weight:	20.9 Lbs	Gross weight:	24.3 Lbs
	9 Kg		11.5 Kg
Included:	Infrared remote YBE1FBF		
Dehumidification level:	1.69 pt/hr		
Optional Accessories			
24V interlock wired controller:	XE71-00/E		
Wired controller:	XE71-44G		
Embedded wired controller:	XE74-44E		
Embedded WIFI wired controller	XE72-44E		

Included Features

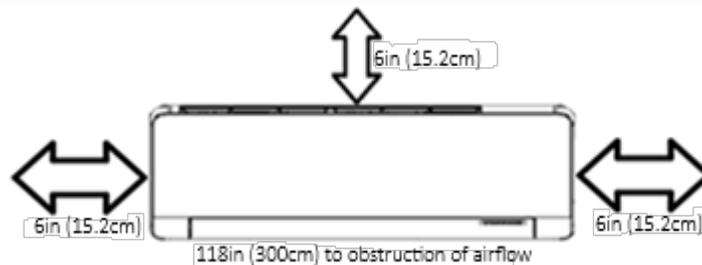
WI-FI control	8C heating	I-feel	Self clean	Forced defrost	Soft start	Low voltage startup
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Indoor unit Dimensions

Unit: inch



Minimum indoor unit clearances



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