



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

Output (BTU/H)	Minimum	Rated	Max	Certification		
Cooling:	3753	18000	20300	AHRI NO.	Energy Star	nep
Heating:	2730	19100	22500	218029881	4,520,600.	

Heating performance

Output (BTU/H)	Minimum	Rated	Max
47F (8.3C)	7000	17000	22500
17F (-8.3C)	7000	15300	15400
5F (-15C)	7000	12100	12100

Efficiency Ratings

SEER2	20
HSPF2	8.5
EER (W/W)	3.52
COP (W/W)	3.9

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	1/2in (12mm)
pre-charge length	24.6ft (7.5M)
MIN. Refrigerant Pipe Length	10 ft (3M)
MAX. Refrigerant Pipe Length	131ft (40M)
MAX. Vertical Height difference (total)	82 ft (25M)
Refrigerant Type	R-32
Factory Charge	32.5 oz
Additional Charge	0.2 oz/ft
Sound Pressure Level	57dB (A)

MCA	13A
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)

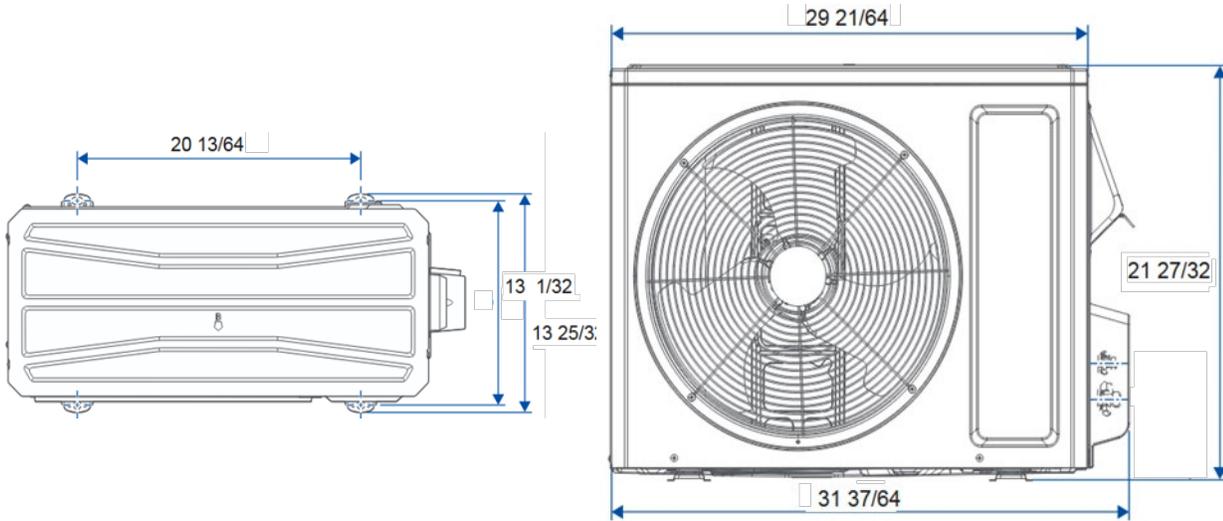


Specifications are subject to change without notice. Manufacturer reserves the right to discontinue or modify specifications or designs without notice or without incurring obligations. All Rights reserved.

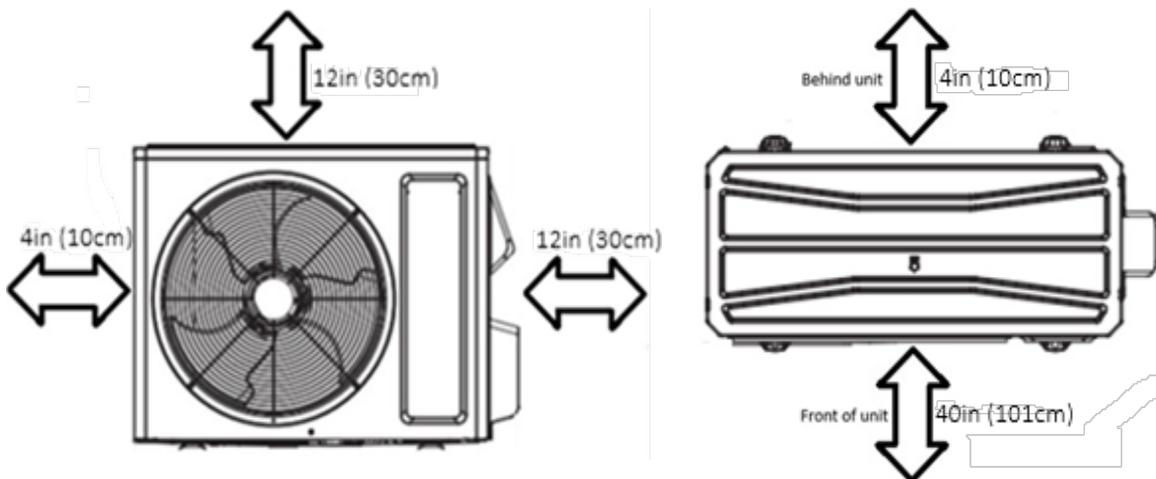


Outdoor unit Dimensions

KW18HQ19CDO



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

KW18HQ19CDI

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

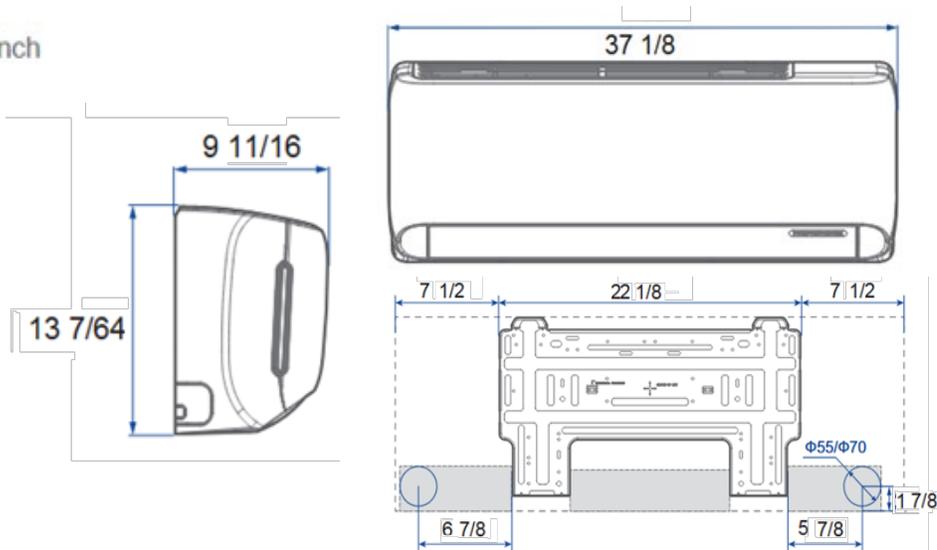
Net weight:	28.7 Lbs	Gross weight:	34.2 Lbs
	13 Kg		15.5 Kg
Included:	Infrared remote YBE1FBF		
Dehumidification level:	3.8 pt/hr		
Optional Accessories			
24V interlock wired controller:	XE71-00/E		
Wired controller:	XE71-44G		
Embedded wired controller:	XE74-44E		
Embedded WIFI wired controller	XE72-44E		

Included Features

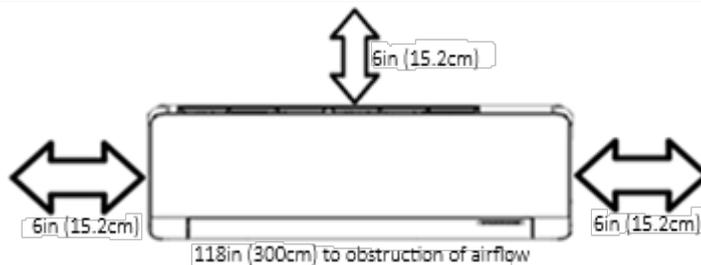
WI-FI control	8C heating	I-feel	Self clean	Forced defrost	Soft start	Low voltage startup
---------------	------------	--------	------------	----------------	------------	---------------------

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.