



Submittal-Charmo 24K 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: KW24HQ19CDI
 Outdoor: KW24HQ19CDO

Capacity range



Output (BTU/H)	Minimum	Rated	Max	Certification		
Cooling:	5800	24000	26270	AHRI NO.	Energy Star	
Heating:	5400	24000	26600	217995506	4,515,403.	

Heating performance				Efficiency Ratings	
Output (BTU/H)	Minimum	Rated	Max	SEER2	
47F (8.3C)	5800	22400	24000	HSPF2	19
17F (-8.3C)	5800	19200	19300	EER (W/W)	8.5
5F (-15C)	3400	16800	16800	COP (W/W)	3.5
					3.6

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

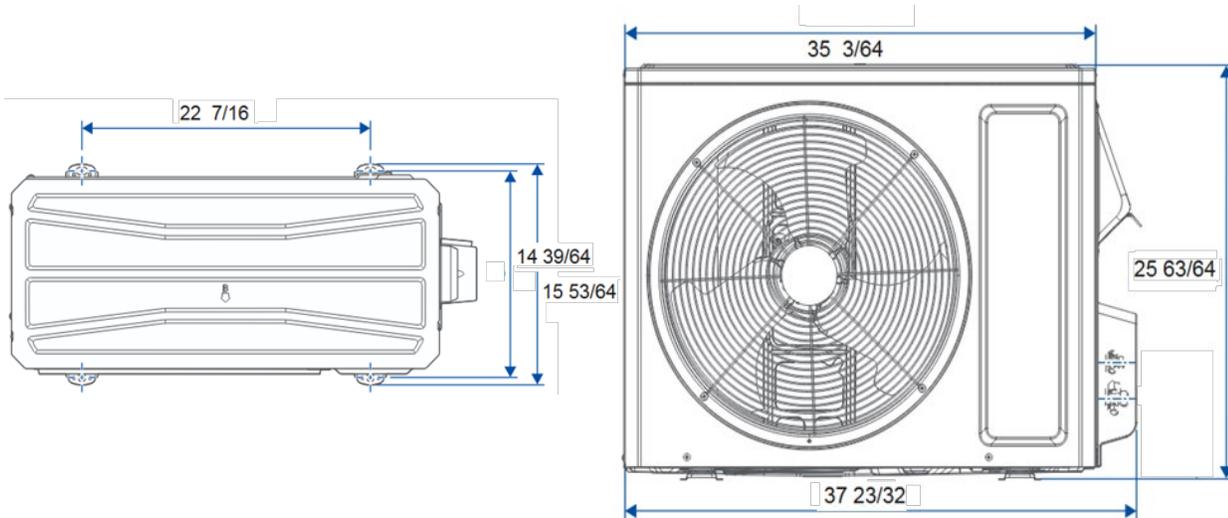
Condenser specifications			MCA	
Connecting type	Screw Connection		MOP	15A
Liquid line size	1/4in (6mm)		Power Supply Wire	20A
Gas line size	1/2in (12mm)		Interconnecting Wire	12/3 AWG
pre-charge length	24.6ft (7.5M)		Interconnecting Wire	14/4 AWG
MIN. Refrigerant Pipe Length	10 ft (3M)		Features:	
MAX. Refrigerant Pipe Length	131ft (40M)		Capillary Expansion	
MAX. Vertical Height difference (total)	82 ft (25M)		Rotary compressor	
Refrigerant Type	R-32		Basepan heater	
Factory Charge	42.3 oz		Compressor electric heater	
Additional Charge	0.2 oz/ft		Weight	
Sound Pressure Level	58 dB (A)		Gross weight:	103.6 Lbs (47Kg)
			Net weight:	93.7 Lbs (42.5Kg)

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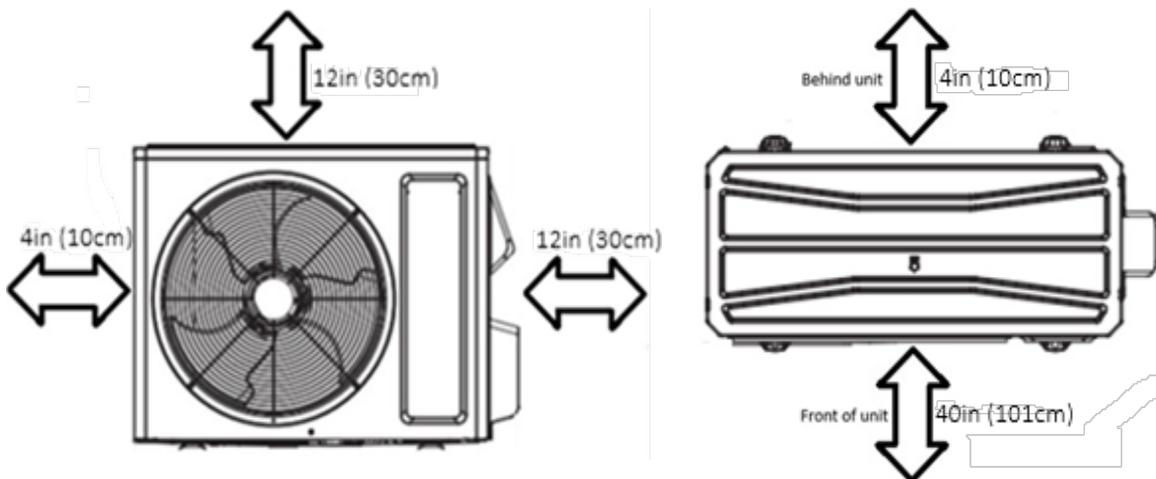


Outdoor unit Dimensions

KW24HQ19CDO



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

KW24HQ19CDI

Air flow volume			dB (A)
Turbo	677 CFM	1150 m3/h	51
High	589 CFM	1000 m3/h	47
Med-high	559 CFM	950 m3/h	44
Medium	500 CFM	850 m3/h	41
Med-low	471 CFM	800 m3/h	40
Low	441 CFM	750 m3/h	38
Sleep	412 CFM	700 m3/h	36

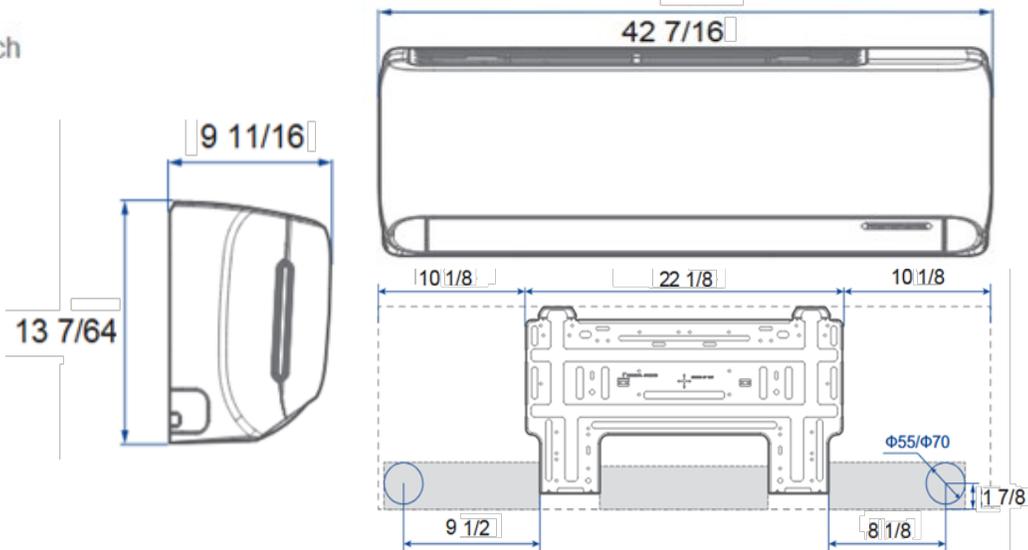
Net weight:	33.1 Lbs	Gross weight:	39.7 Lbs
	15 Kg		18 Kg
Included:	Infrared remote YBE1FBF		
Dehumidification level:	5.28 pt/hr		
Optional Accessories			
24V interlock wired controller:	XE71-00/E		
Wired controller:	XE71-44G		
Embedded wired controller:	XE74-44E		
Embedded WIFI wired controller	XE72-44E		

Included Features

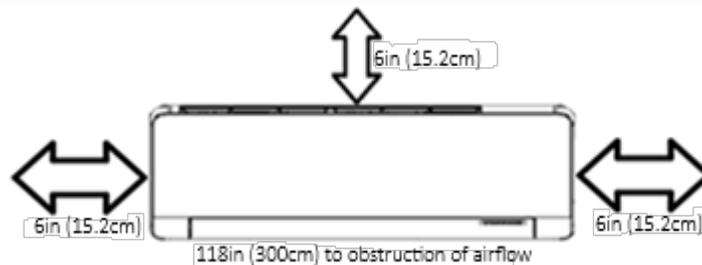
WI-FI control	8C heating	I-feel	Self clean	Forced defrost	Soft start	Low voltage startup
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Indoor unit Dimensions

Unit: inch



Minimum indoor unit clearances



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