



# Submittal-Charmo 30K 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: KW30XQ21CDI  
 Outdoor: KW30XQ21CDO

**Capacity range**



Output (BTU/H)	Minimum	Rated	Max	Certification		
Cooling:	3000	30000	36000	AHRI NO.	Energy Star	nep
Heating:	5800	30000	35500	216772294	4,514,290.	

Heating performance				Efficiency Ratings	
Output (BTU/H)	Minimum	Rated	Max	SEER2	
47F (8.3C)	9100	30000	32000	HSPF2	22
17F (-8.3C)	8500	24000	27000	EER (W/W)	9
5F (-15C)	7500	23000	23000	COP (W/W)	3.2
					3.2

Outdoor temperature range			Electrical	
Cooling:	-20-50C	-4-122F	Power supply	208-230V/60Hz/1Ph
Heating:	-25-24C	-13-75F	Min/Max voltage	187-253Vac

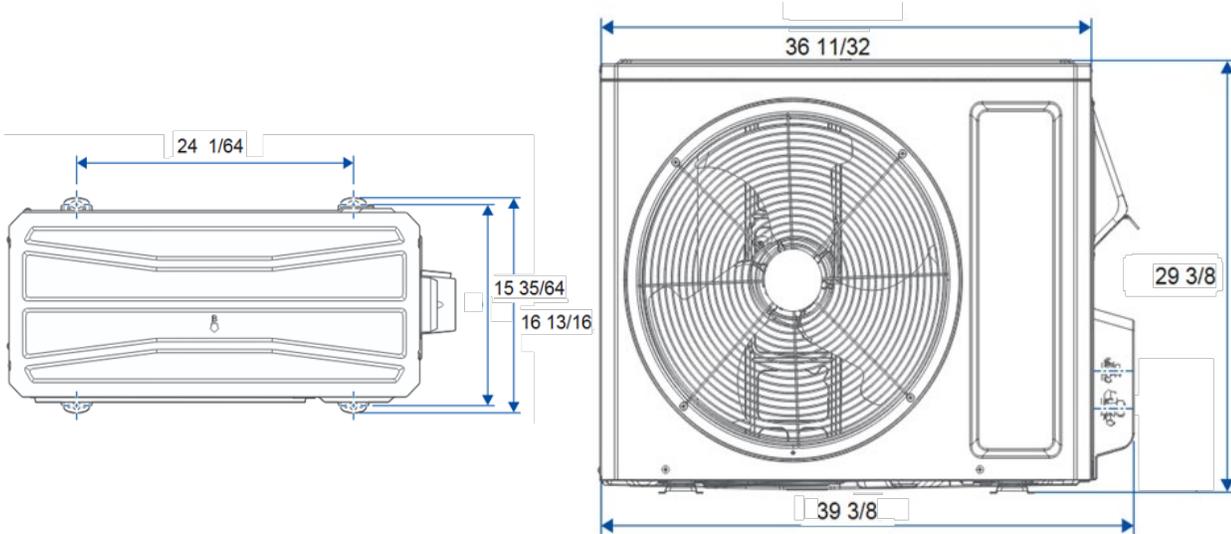
Condenser specifications			MCA	
Connecting type	Screw Connection		MOP	27A
Liquid line size	1/4in (6mm)		Power Supply Wire	30A
Gas line size	5/8in (16mm)		Interconnecting Wire	10/3 AWG
pre-charge length	24.6ft (7.5M)		Interconnecting Wire	14/4 AWG
MIN. Refrigerant Pipe Length	10 ft (3M)		<b>Features:</b>	
MAX. Refrigerant Pipe Length	131ft (40M)		Electronic Expansion Valve	
MAX. Vertical Height difference (total)	82 ft (25M)		Rotary compressor	
Refrigerant Type	R-32		Basepan heater	
Factory Charge	56.4 oz		Compressor electric heater	
Additional Charge	0.2 oz/ft		<b>Weight</b>	
Sound Pressure Level	62 dB (A)		Gross weight:	127.9 Lbs (58Kg)
			Net weight:	116.8 Lbs (53Kg)

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.

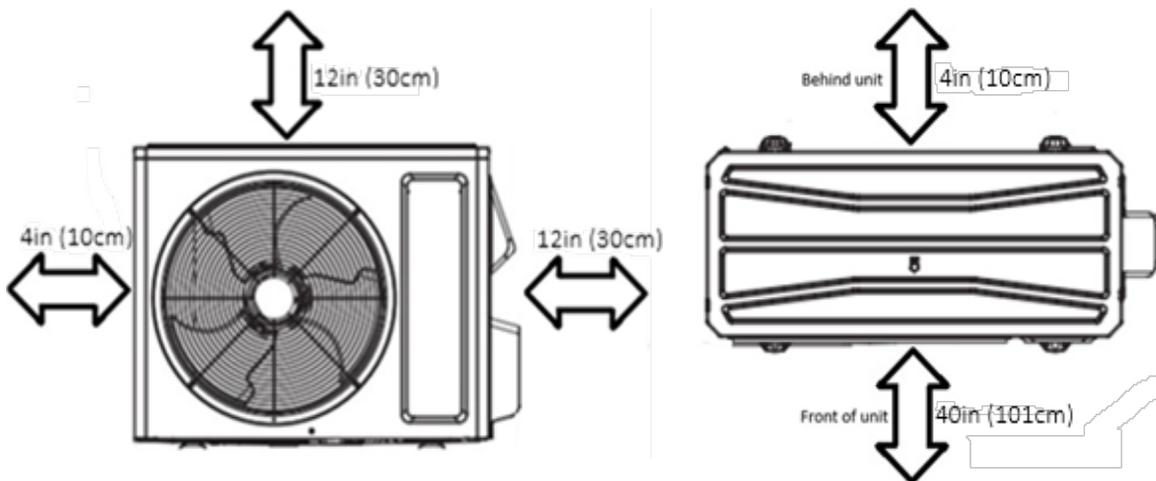


# Outdoor unit Dimensions

KW30XQ21CDO



## 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

KW30XQ21CDI

Air flow volume			dB (A)
Turbo	794 CFM	1350 m3/h	52
High	647 CFM	1100 m3/h	45
Med-high	618 CFM	1050 m3/h	44
Medium	559 CFM	950 m3/h	41
Med-low	500 CFM	850 m3/h	39
Low	471 CFM	800 m3/h	38
Sleep	441 CFM	750 m3/h	36

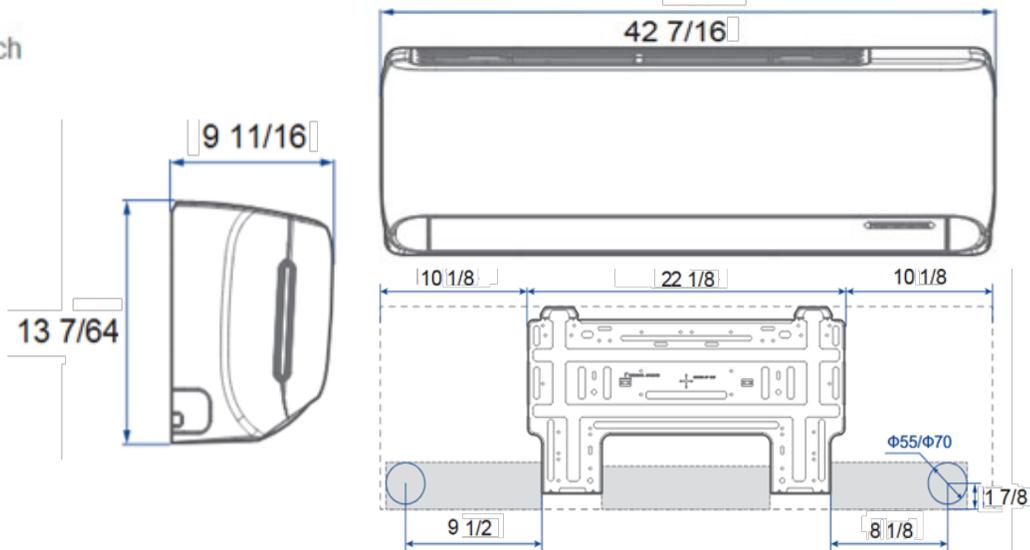
Net weight:	33.1 Lbs	Gross weight:	39.7 Lbs
	15 Kg		18 Kg
Included:	Infrared remote YBE1FBF		
Dehumidification level:	7.4 pt/hr		
<b>Optional Accessories</b>			
24V interlock wired controller:	XE71-00/E		
Wired controller:	XE71-44G		
Embedded wired controller:	XE74-44E		
Embedded WIFI wired controller	XE72-44E		

### Included Features

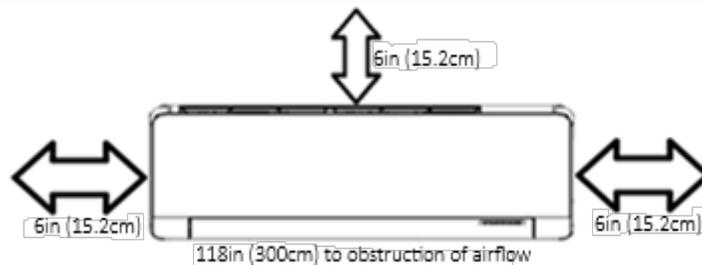
WI-FI control	8C heating	I-feel	Self clean	Forced defrost	Soft start	Low voltage startup
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### Indoor unit Dimensions

Unit: inch



### Minimum indoor unit clearances



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