



Submittal-Charmo 36K 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: KW36XQ21CDI

Outdoor: KW36XQ21CDO

Capacity range



Output (BTU/H)	Minimum	Rated	Max	Certification		
Cooling:	7850	33600	37500	AHRI NO.	Energy Star	nep
Heating:	10000	34000	37500	216772293	3,995,738.	

Heating performance				Efficiency Ratings	
Output (BTU/H)	Minimum	Rated	Max	SEER2	
47F (8.3C)	10000	34000	34100	HSPF2	21
17F (-8.3C)	9000	27400	27500	EER (W/W)	8.5
5F (-15C)	9000	24600	24600	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

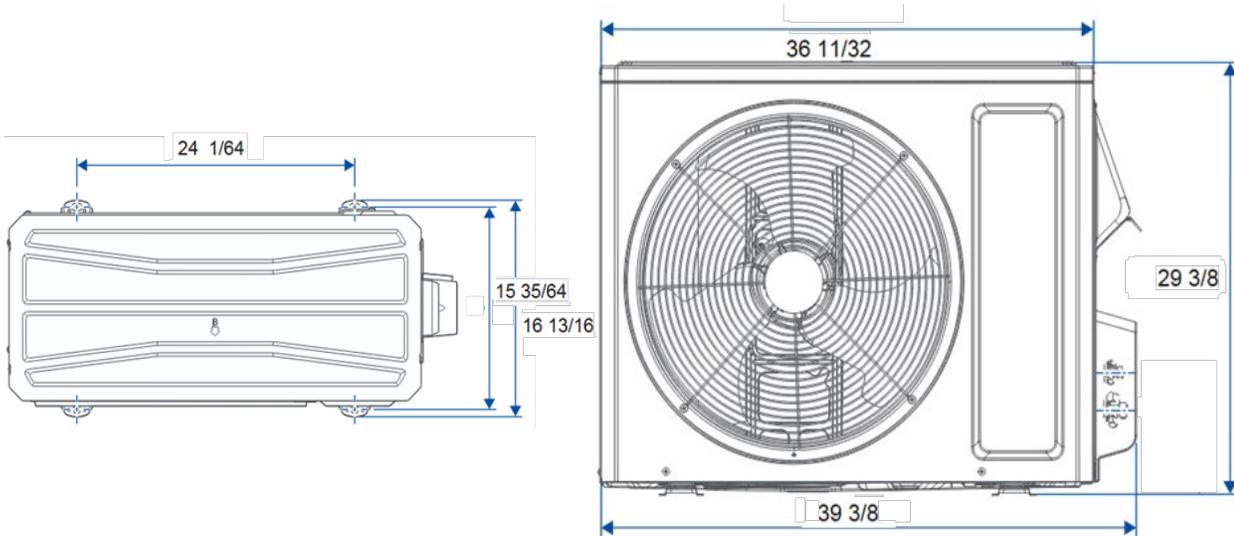
Condenser specifications			MCA	
Connecting type	Screw Connection		MOP	24A
Liquid line size	1/4in (6mm)		Power Supply Wire	30A
Gas line size	5/8in (16mm)		Interconnecting Wire	10/3 AWG
pre-charge length	24.6ft (7.5M)		Interconnecting Wire	14/4 AWG
MIN. Refrigerant Pipe Length	10 ft (3M)		Features:	
MAX. 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		Weight	
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.

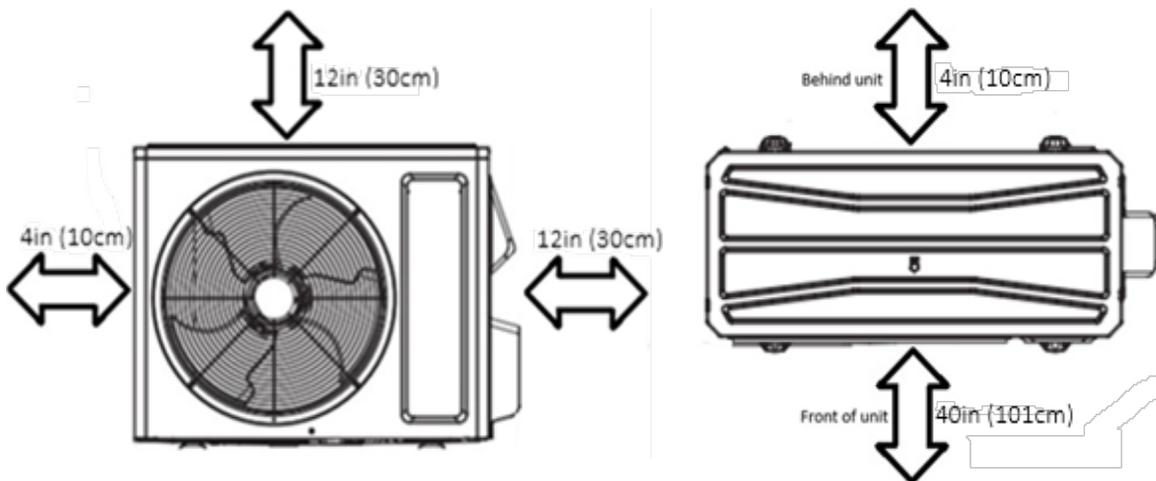


Outdoor unit Dimensions

KW36XQ21CDO



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

KW36XQ21CDI

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

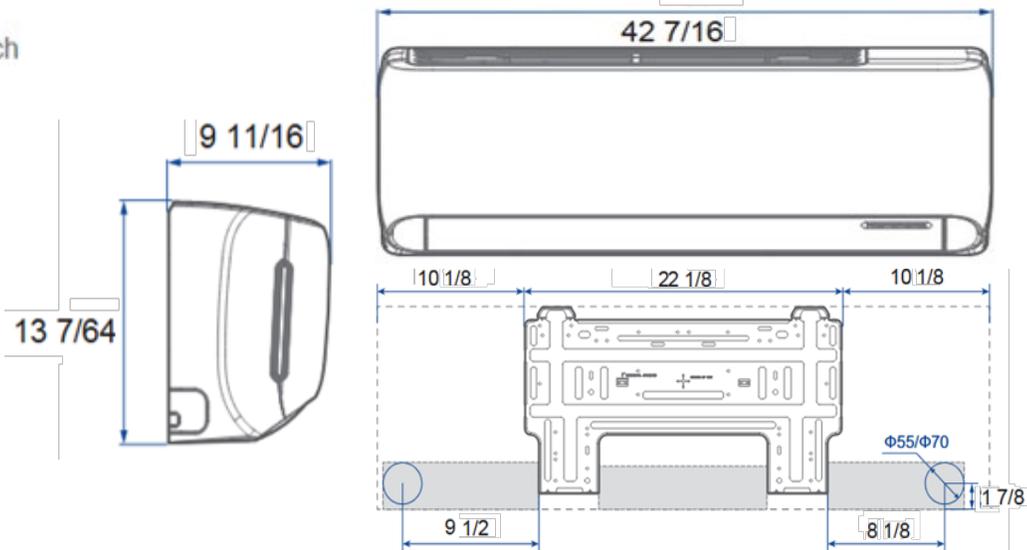
Net weight:	33.1 Lbs	Gross weight:	39.7 Lbs
	15 Kg		18 Kg
Included:	Infrared remote YBE1FBF		
Dehumidification level:	7.4 pt/hr		
Optional Accessories			
24V interlock wired controller:	XE71-00/E		
Wired controller:	XE71-44G		
Embedded wired controller:	XE74-44E		
Embedded WIFI wired controller	XE72-44E		

Included Features

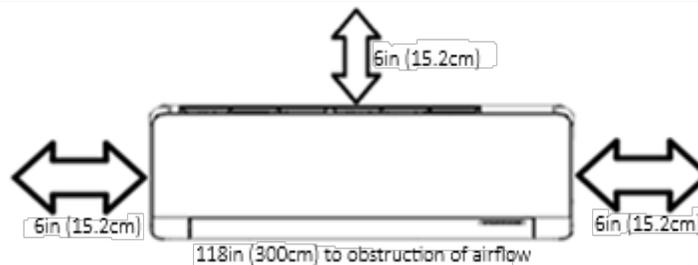
WI-FI control	8C heating	I-feel	Self clean	Forced defrost	Soft start	Low voltage startup
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Indoor unit Dimensions

Unit: inch



Minimum indoor unit clearances



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