



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

Output (BTU/H)	Minimum	Rated	Max	Efficiency Ratings	
47F (8.3C)	10000	34000	34100	SEER2	21
17F (-8.3C)	9000	27400	27500	HSPF2	8.5
5F (-15C)	9000	24600	24600	EER (W/W)	3.2
				COP (W/W)	3.2

Outdoor temperature range

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

Condenser specifications

Connecting type	Screw Connection	MCA	24A
Liquid line size	1/4in (6mm)	MOP	30A
Gas line size	5/8in (16mm)	Power Supply 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	0.4 oz/ft	Weight	
Sound Pressure Level	62 dB (A)	Gross weight:	127.9 Lbs (58Kg)
		Net weight:	116.8 Lbs (53Kg)



R32

20 Inverter

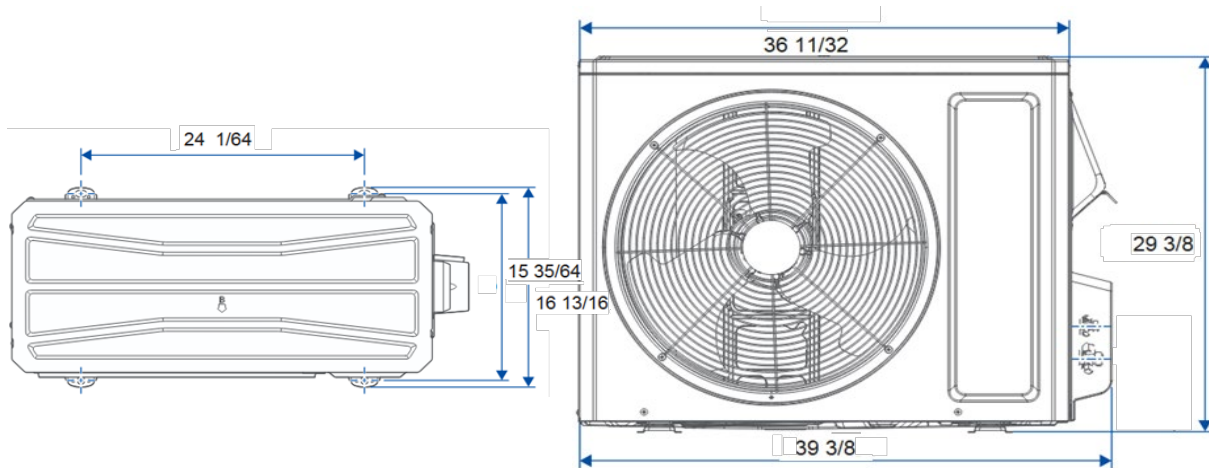


AHRI

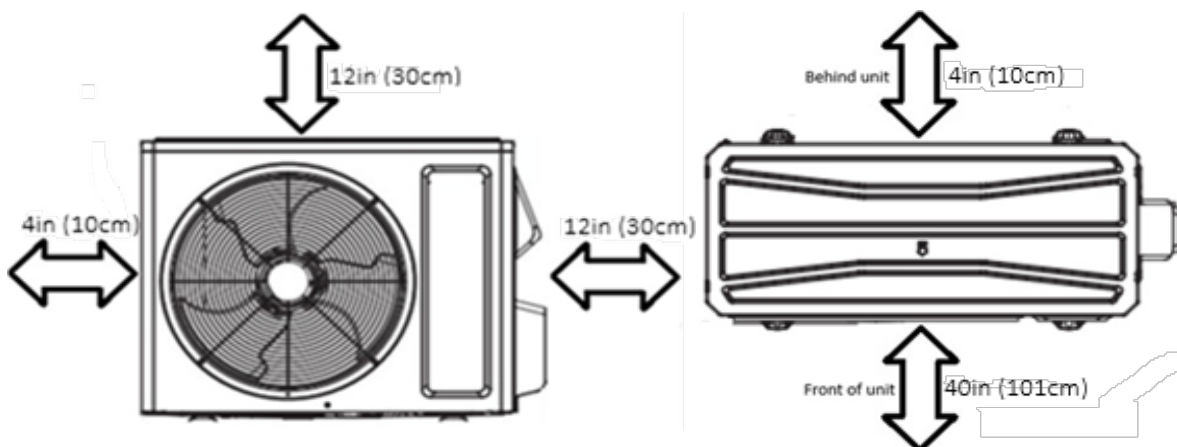


Outdoor unit Dimensions

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.

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

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

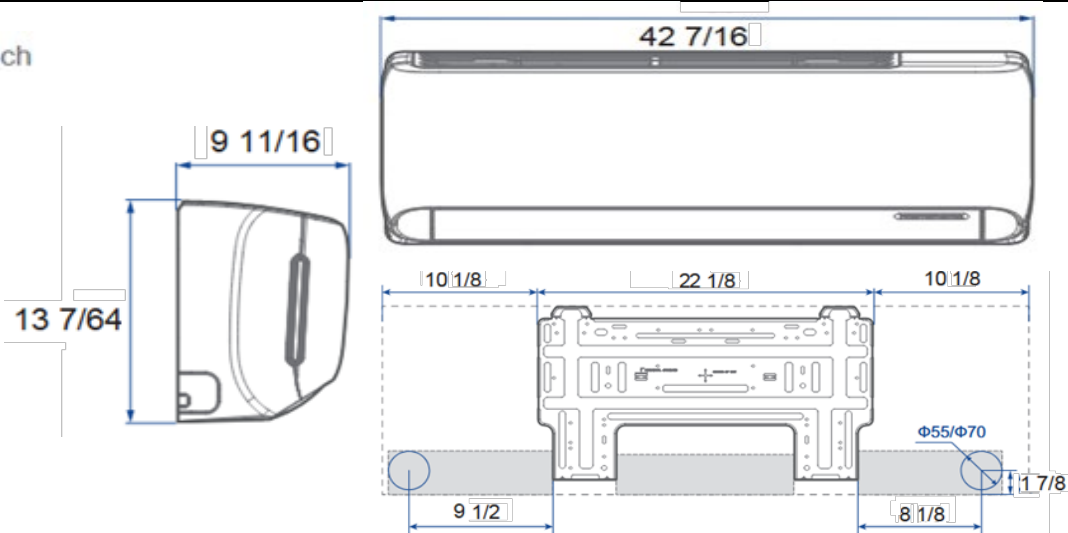
Net weight:	33.1 Lbs	Gross weight:	39.7 Lbs
	15 Kg		18 Kg
Included:	Infrared remote YBE1FBF		
Dehumidification level:		7.4 pt/hr	
Optional Accessories			
24V interlock wired controller:		XE71-00/E	
Wired controller:		XE71-44G	
Embedded wired controller:		XE74-44E	
Embedded WIFI wired controller		XE72-44E	

Included Features

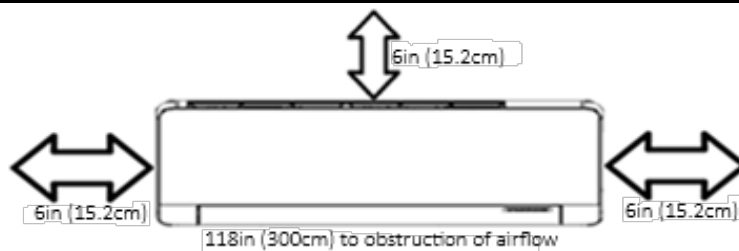
WI-FI control | 8C heating | I-feel | Self clean | Forced defrost | Soft start | Low voltage startup

Indoor unit Dimensions

Unit: inch



Minimum indoor unit clearances



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