



Submittal-Charmo 36K Floor Ceiling

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: KM36XTDI

Outdoor: KW36XQ21CDO

Capacity range

Output (BTU/H)	Minimum	Rated	Max	Certification		
Cooling:	7850	33600	41000	AHRI NO.	Energy Star	nep
Heating:	10000	34000	37500	216799652		

Heating performance

Output (BTU/H)	Minimum	Rated	Max	Efficiency Ratings	
47F (8.3C)	12200	34000	37400	SEER2	21
17F (-8.3C)	8600	18800	26600	HSPF2	8.5
5F (-15C)	8200	22000	22000	EER (BTU/hw)	11.25
				COP (W/W)	3.7

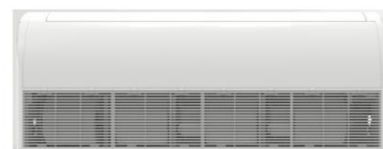
Outdoor temperature range

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

Condenser specifications

Connecting type	Screw Connection	MCA	23A
Liquid line size	1/4in (6mm)	MOP	35A
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

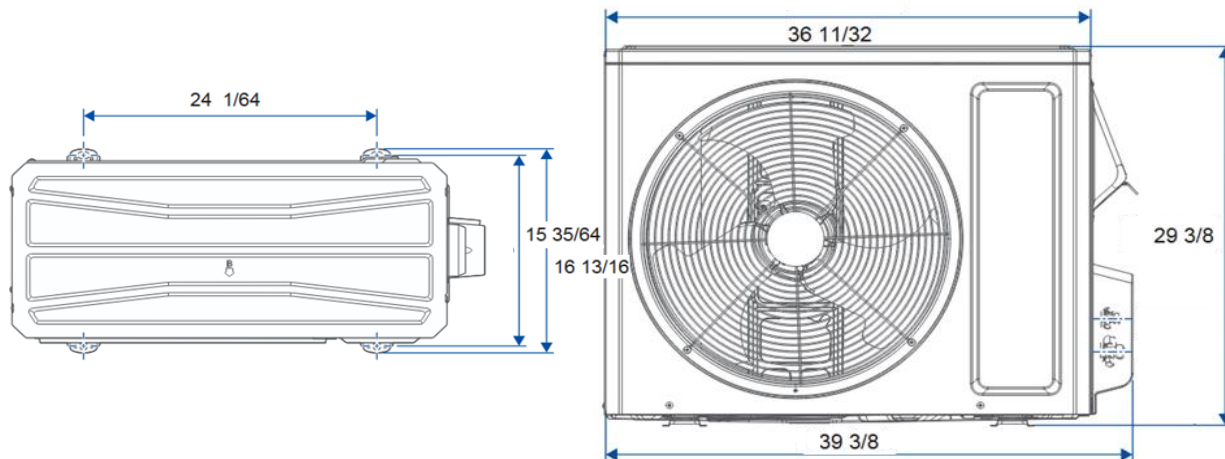


AHRI

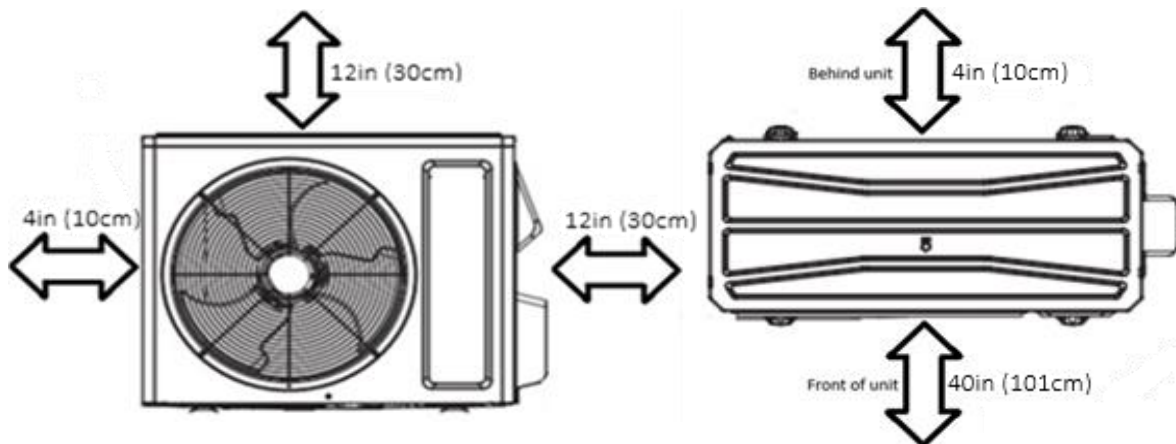


Outdoor unit Dimensions

KW36XQ21CDO



Minimum outdoor unit clearances



Unit must be placed a minimim 18in (45cm) above any surfaces to allow for snow clearance and defrost runoff.

Please follow local best practices and guidelines.

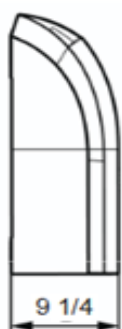
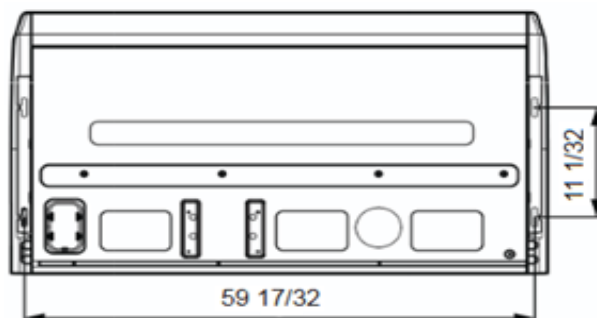
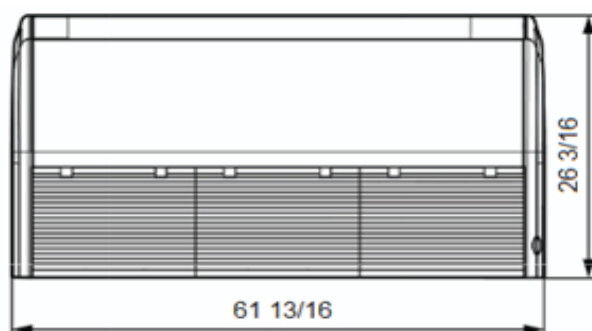


Indoor unit specifications

Floor Ceiling

KM36XTDI

Air flow volume			dB (A)	Net weight:	92.6 Lbs	Gross weight:	108 Lbs
Turbo	1236 CFM	2100 m3/h	54		42 Kg		49 Kg
High	1142 CFM	1940 m3/h	51	Included:	Wireless remote YBE1FB5F		
Med-high	N/A	N/A	N/A	Optional Accessories			
Medium	1048 CFM	1780 m3/h	48	24V interlock wired controller:		XE71-00/E	
Med-low	N/A	N/A	N/A	Wired controller:		XE71-44/G	
Low	895 CFM	1520 m3/h	44	Embedded wired controller:		XE74-44/E	
Sleep	N/A	N/A	N/A	Embedded WIFI wired controller		XE72-44/E	
Indoor unit Dimensions							



Unit:inch

Dehumidification level:	7.82 pt/hr
Connection method	Screwed
Liquid pipe	1/4in (6mm)
Gas pipe	5/8in (16mm)
Drain pipe (Outer Diameter)	1.02in (26mm)

Included Features

Auto Clean	Wifi	8C Heating	Energy Saving	Forced Defrost
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