



Submittal-Charmo 36K 8-Way Cassette

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: KM36XK8DI

Outdoor: KW36XQ21CDO

Capacity range

Output (BTU/H)	Minimum	Rated	Max	Certification		
Cooling:	7850	33600	37500	AHRI NO.	Energy Star	nep
Heating:	10000	34000	37500	216799651	4,593,478.	

Heating performance

Output (BTU/H)	Minimum	Rated	Max	Efficiency Ratings	
47F (8.3C)	10000	34000	37400	SEER2	21
17F (-8.3C)	8800	27200	27600	HSPF2	8.5
5F (-15C)	8200	23400	23400	EER (BTU/hw)	10.92
				COP (W/W)	3.65

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	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

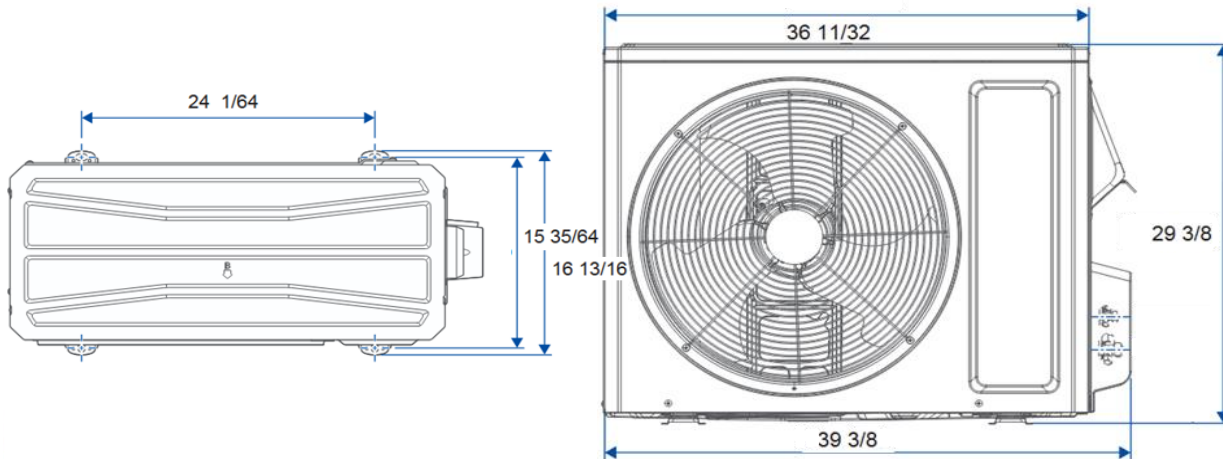
MIN. Refrigerant Pipe Length	10 ft (3M)	Features:	
MAX. Refrigerant Pipe Length	131ft (40M)	Electronic Expansion Valve	
MAX. Vertical Height difference (total)	82 ft (25M)	Rotary compressor	
Refrigerant Type	R-32	Basepan heater	
Factory Charge	56.4 oz	Compressor electric heater	
Additional Charge	0.4 oz/ft	Weight	
Sound Pressure Level	62 dB (A)	Gross weight:	127.9 Lbs (58Kg)
		Net weight:	116.8 Lbs (53Kg)



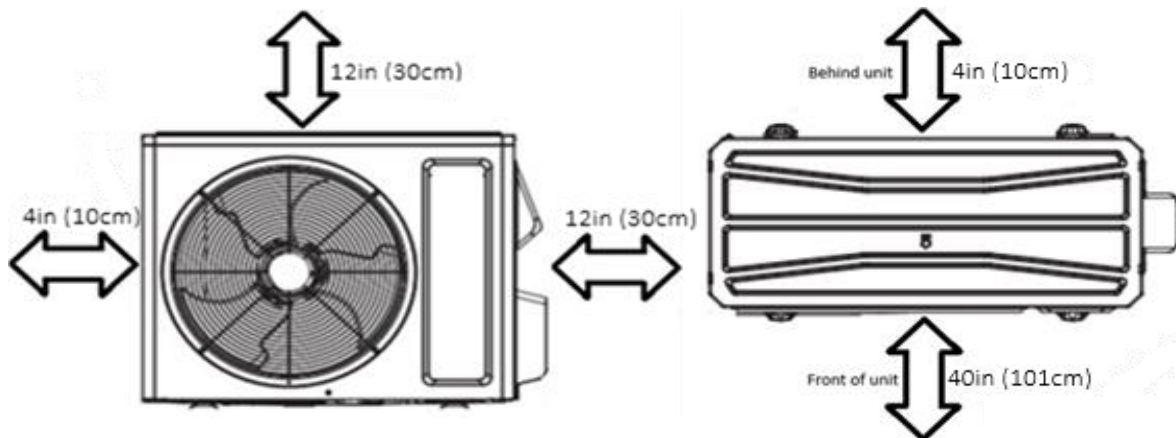


Outdoor unit Dimensions

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.

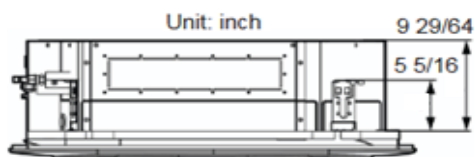
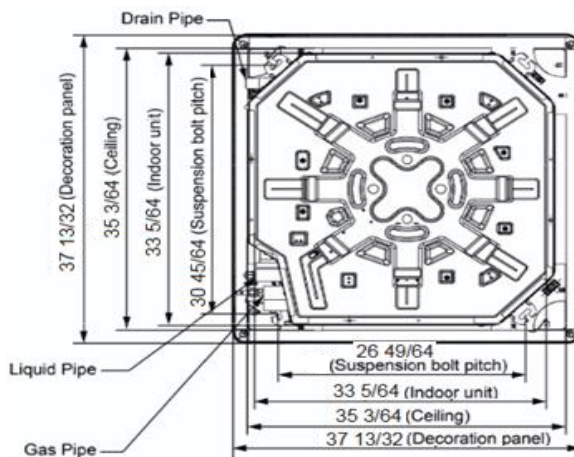


Indoor unit specifications

8-Way Cassette

KM36XK8DI

Air flow volume			dB (A)	Net weight:	50.7 Lbs	Gross weight:	63.9 Lbs
Turbo	1071CFM	1820 m3/h	52		23 Kg		29 Kg
High	1000 CFM	1700 m3/h	49	Included:	Wireless remote YBE1FB5F		
Med-high	906 CFM	1540 m3/h	47	Optional Accessories			
Medium	847 CFM	1440m3/h	45	24V interlock wired controller:		XE71-00/E	
Med-low	771 CFM	1310 m3/h	44	Wired controller:		XE71-44/G	
Low	730 CFM	1240 m3/h	41	Embedded wired controller:		XE74-44/E	
Sleep	665 CFM	1130 m3/h	39	Embedded WIFI wired controller		XE72-44/E	
Indoor unit Dimensions							



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)
Panel Model	TF06
Panel Net Weight	13.2 Lbs (6 Kg)
Panel Gross Weight	20.9 Lbs (9.5 Kg)

Included Features

Auto Clean	Wifi	Dehumidify	Energy Saving	Forced Defrost
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