



Submittal-Charmo 30K 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: KM30XK8DI

Outdoor: KW30XQ21CDO

Capacity range

Output (BTU/H)	Minimum	Rated	Max	Certification		
Cooling:	4780	30000	33440	AHRI NO.	Energy Star	nep
Heating:	5730	30000	35140	216799674	4,593,479.	

Heating performance

Output (BTU/H)	Minimum	Rated	Max	Efficiency Ratings	
47F (8.3C)	5800	30000	32000	SEER2	22.5
17F (-8.3C)	8500	24000	24100	HSPF2	8.5
5F (-15C)	5200	21000	21000	EER (BTU/hw)	11.26
				COP (W/W)	3.2

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	27A
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)	Twin 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

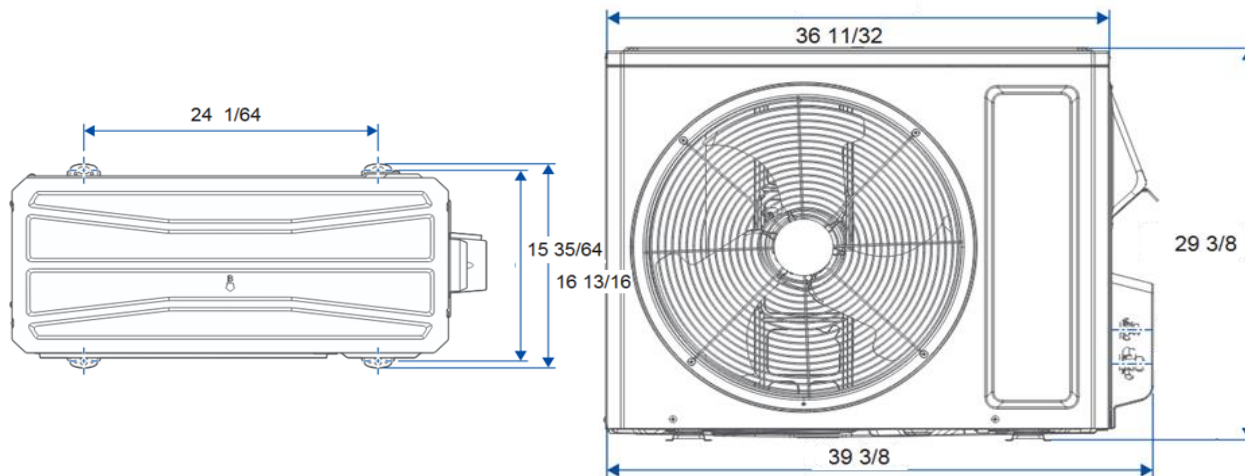


AHRI

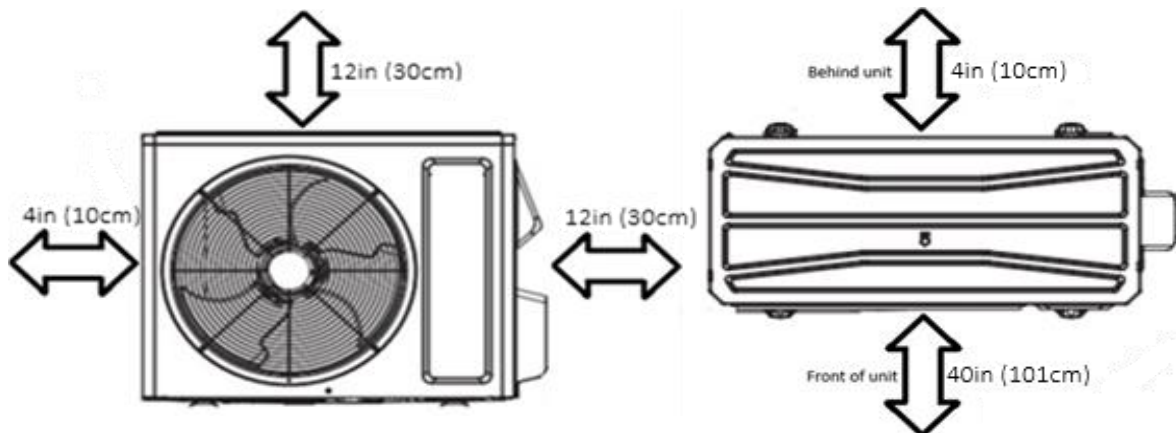


Outdoor unit Dimensions

KW30XQ21CDO



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.

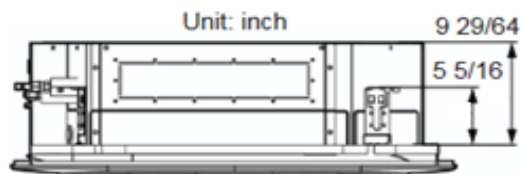
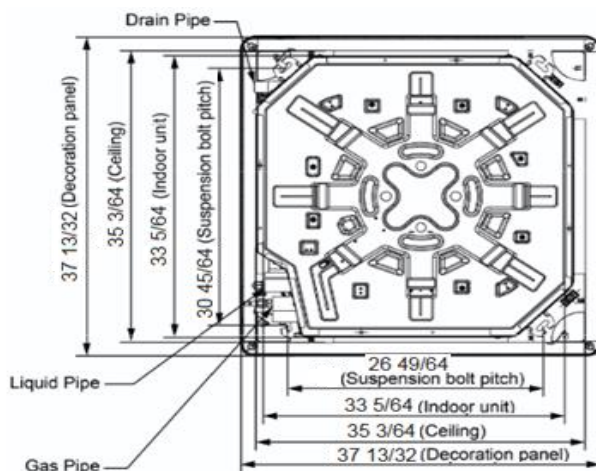


Indoor unit specifications

8-Way Cassette

KM30XK8DI

Air flow volume			dB (A)	Net weight:	50.7 Lbs	Gross weight:	63.9 Lbs
Turbo	1000 CFM	1700 m3/h	51		23 Kg		29 Kg
High	942 CFM	1600 m3/h	49	Included:	Wireless remote YBE1FB5F		
Med-high	883 CFM	1500 m3/h	47	Optional Accessories			
Medium	824 CFM	1400 m3/h	45	24V interlock wired controller:		XE71-00/E	
Med-low	765 CFM	1300 m3/h	44	Wired controller:		XE71-44/G	
Low	706 CFM	1200 m3/h	41	Embedded wired controller:		XE74-44/E	
Sleep	647 CFM	1100 m3/h	38	Embedded WIFI wired controller		XE72-44/E	
Indoor unit Dimensions							



Dehumidification level:	7.4 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
------------	------	------------	---------------	----------------

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.