



Submittal-Clivia 12K 8-Way

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: KM12XK8DI

Outdoor: KW12XQ25S1DO

Capacity range

Output (BTU/H)	Minimum	Rated	Max	Certification		
Cooling:	2700	12000	16000	AHRI NO.	Energy Star	nep
Heating:	3070	12000	14000	218451507		

Heating performance

Output (BTU/H)	Minimum	Rated	Max	Efficiency Ratings	
47F (8.3C)	3070	12000	14000	SEER2	23
17F (-8.3C)	2700	10000	12000	HSPF2	9
5F (-15C)	2600	10000	10000	EER (W/W)	3.8
				COP (W/W)	3.8

Outdoor temperature range

Cooling:	-29-50C	-20-122F	Electrical	
Heating:	-30-30C	-22-86F	Power supply	208-230V/60Hz/1Ph
			Min/Max voltage	187-253Vac

Condenser specifications

Connecting type	Screw Connection	MCA	10A
Liquid line size	1/4in (6mm)	MOP	15A
Gas line size	1/2in (12mm)	Power Supply Wire	14/3 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	100 ft (30M)	Electronic expansion valve	
MAX. Vertical Height difference (total)	60 ft (20M)	Rotary compressor	
Refrigerant Type	R-32	Basepan heater	
Factory Charge	28oz	Compressor electric heater	
Additional Charge	0.2 oz/ft	Weight	
Sound Pressure Level	52dB (A)	Gross weight:	77.2Lbs (35Kg)
		Net weight:	71.7Lbs (32.5Kg)



R32

20 Inverter

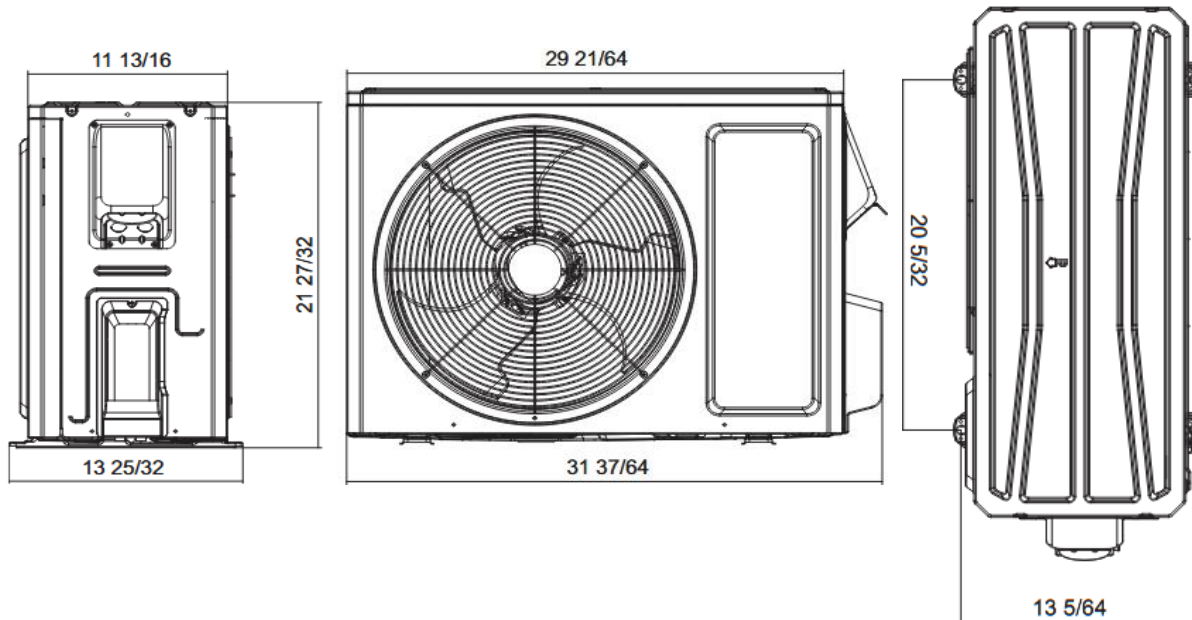


AHRI

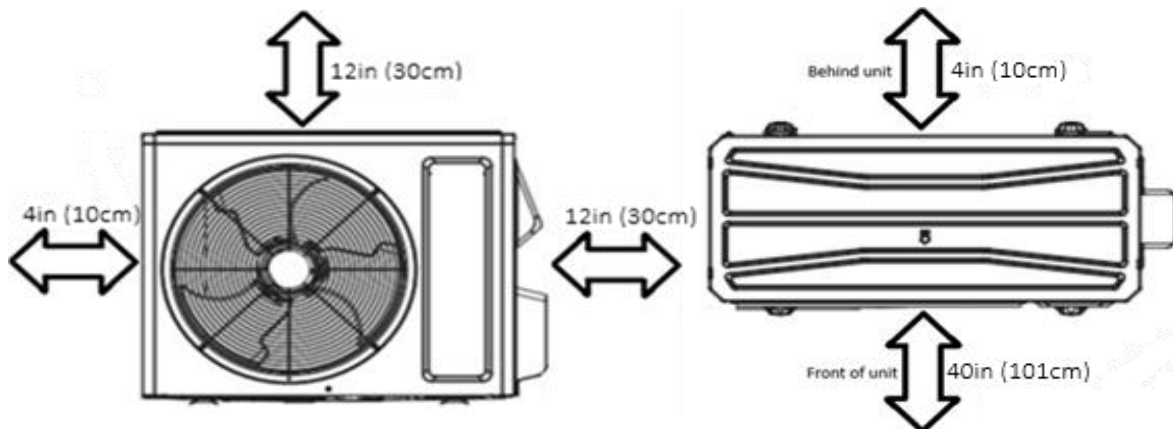


Outdoor unit Dimensions

KW12XQ25S1DO



Minimum outdoor unit clearances



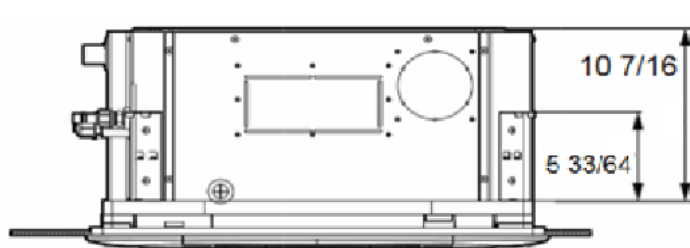
Unit must be placed a minimim 18in (45cm) above any surfaces to allow for snow clearance and defrost runoff.

Please follow local best practices and guidelines.

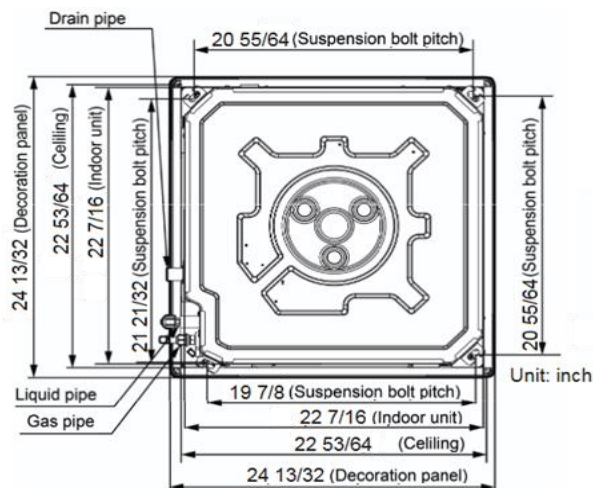
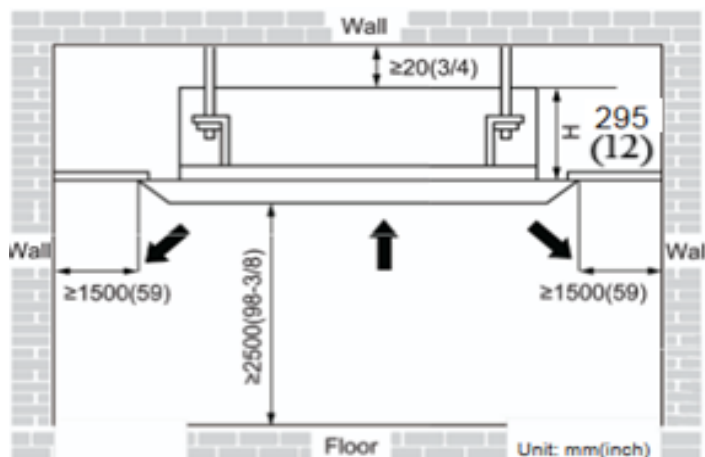


Indoor unit specifications

8-Way Cassette				KM12XK8DI			
Air flow volume				dB (A)			
Turbo	330 CFM	560 m3/h	40	Net weight:	37.5 Lbs	Gross weight:	48.5 Lbs
High	318 CFM	540 m3/h	39		17 Kg		22 Kg
Med-high	288 CFM	490 m3/h	36	Included:	Infrared remote YBE1FB5F		
Medium	265 CFM	450 m3/h	34	Dehumidification level:		2.96 pt/hr	
Med-low	247 CFM	420 m3/h	33	Optional Accessories			
Low	224 CFM	380 m3/h	31	24V interlock wired controller:		XE71-00/E	
Sleep	206 CFM	350 m3/h	29	Wired controller:		XE71-44G	
				Embedded wired controller:		XE74-44E	
				Embedded WIFI wired controller		XE72-44E	
Indoor unit Dimensions							



Minimum indoor unit clearances



Power supplied by outdoor unit

Additional Information

Connection method	Screwed
Liquid pipe	1/4in (6mm)
Gas pipe	3/8in (9.52mm)
Drain pipe (Outer Diameter)	3/4in (19mm)
Panel Net Weight	6.6Lbs (3Kg)
Panel Gross Weight	9.9Lbs (4.5Kg)

Included Features

Drain pump	Self clean	I-Feel	8C heating	Soft start	Forced defrost
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