



Submittal-Clivia 21K High Static

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:	KM21XFDI
Outdoor:	KW18XQ25S1DO

Capacity range

Output (BTU/H)	Minimum	Rated	Max	Certification		
Cooling:	4400	21000	23543	AHRI NO.	Energy Star	neep
Heating:	4300	21000	23884			

Heating performance

Output (BTU/H)	Minimum	Rated	Max	Efficiency Ratings	
47F (8.3C)	4300	21000	23884	SEER2	21
17F (-8.3C)	7800	14700	18500	HSPF2	9
5F (-15C)	6700	15000	15000	EER (W/W)	3.7
				COP (W/W)	3.9

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	16A
Liquid line size	1/4in (6mm)	MOP	20A
Gas line size	1/2in (12mm)	Power Supply Wire	12/3 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	41oz	Compressor electric heater	

Additional Charge	0.2 oz/ft	Weight	
Sound Pressure Level	59dB (A)	Gross weight:	104.7Lbs (47.5Kg)
		Net weight:	94.8Lbs (43Kg)



R32

20 Inverter



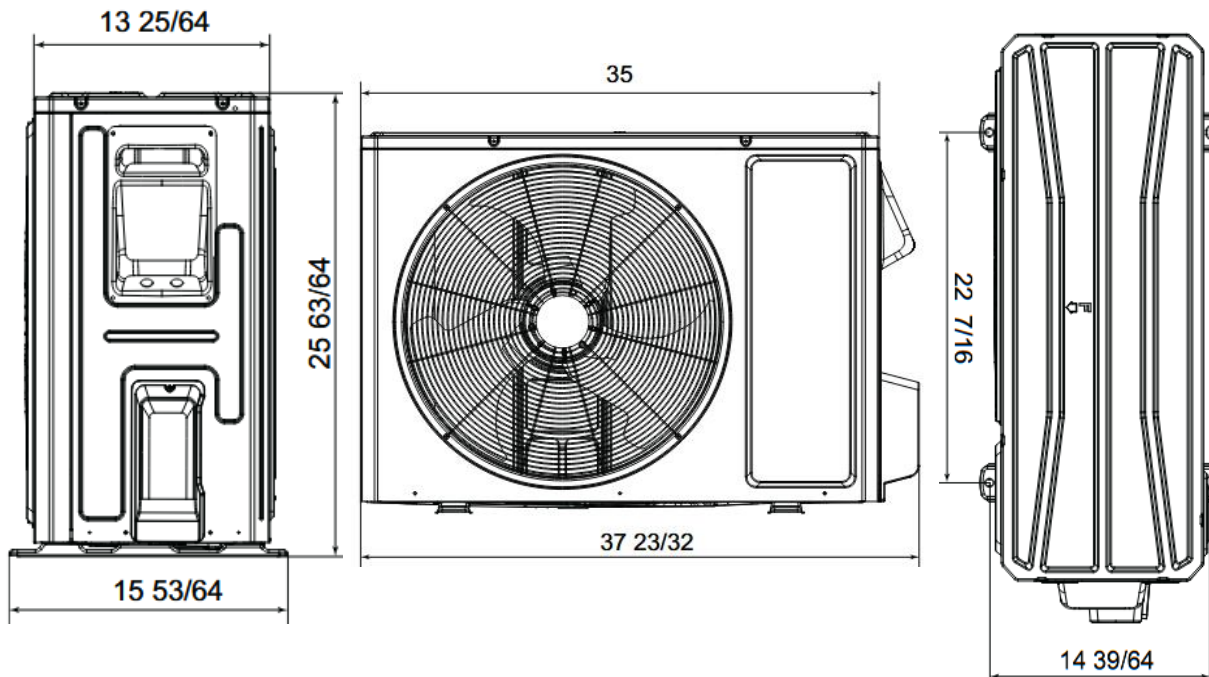
AHRI

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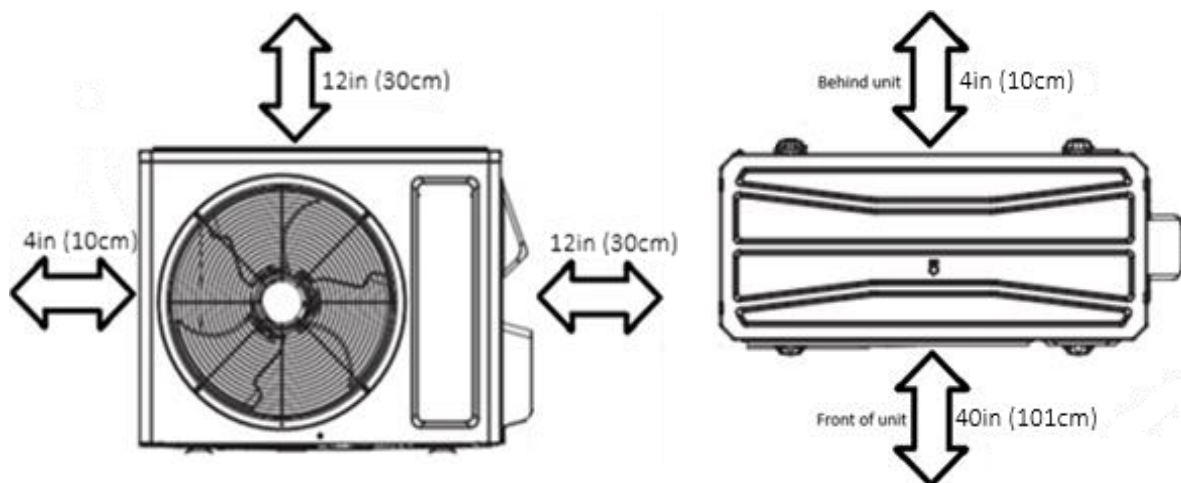


Outdoor unit Dimensions

KW18XQ25S1DO



Minimum outdoor unit clearances



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

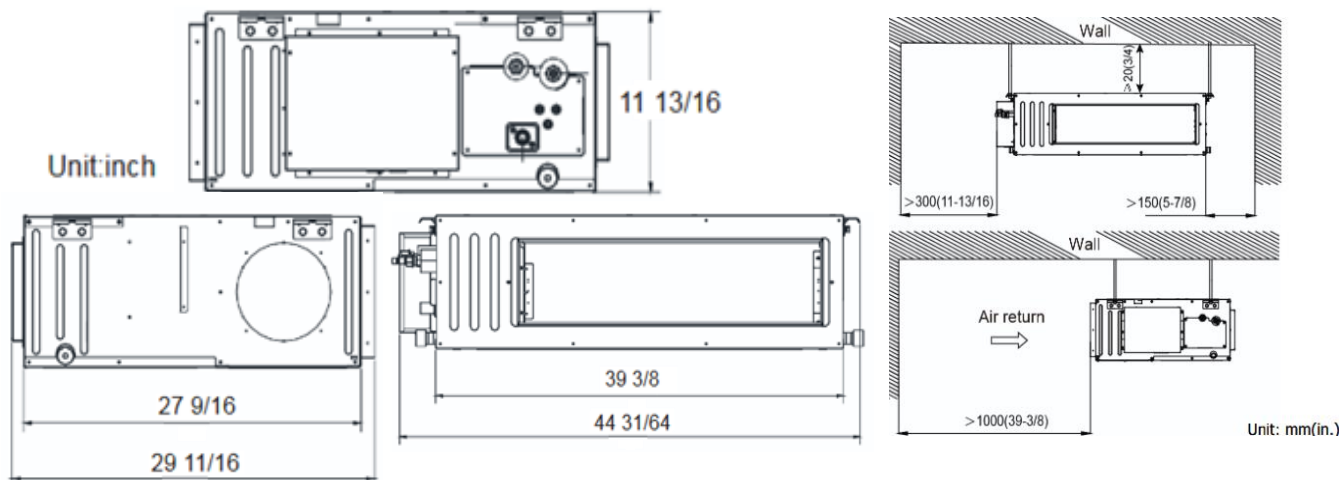
Please follow local best practices and guidelines.

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Indoor unit specifications

Ducted High Static				KM21XFDI			
Air flow volume			dB (A)	Net weight:	92.6 Lbs	Gross weight:	106.9 Lbs
					42 Kg		48.5 Kg
Turbo	589 CFM	1000 m3/h	41	Included:	Wired Controller XE72-44/E		
High	412 CFM	700 m3/h	32	Dehumidification level:		4.23 pt/hr	
Med-high	N/A	N/A	N/A	Optional Accessories			
Medium	312 CFM	530 m3/h	26	24V interlock wired controller:		XE71-00/E	
Med-low	N/A	N/A	N/A	Wired controller:		XE71-44G	
Low	288 CFM	490 m3/h	25	Embedded wired controller:		XE74-44E	
Sleep	N/A	N/A	N/A	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	5/8in (16mm)
Drain pipe (Outer Diameter)	.98in (25mm)

Included Features

Drain pump	Self Clean	Dehumidify	8C heating	Soft start	Forced defrost
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