



Submittal-Clivia 24K 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: KM24XFDI

Outdoor: KW24XQ25S1DO

Capacity range

Output (BTU/H)	Minimum	Rated	Max
Cooling:	5600	22000	27600
Heating:	7500	24000	27000

Certification

AHRI NO.	Energy Star	
218451525		

Heating performance

Output (BTU/H)	Minimum	Rated	Max
47F (8.3C)	7500	24000	27000
17F (-8.3C)	6210	19800	20000
5F (-15C)	4642	19600	19600

Efficiency Ratings

SEER2	19.5
HSPF2	9
EER (W/W)	3.6
COP (W/W)	3.3

Outdoor temperature range

Cooling:	-29-50C	-20-122F
Heating:	-30-30C	-22-86F

Electrical

Power supply	208-230V/60Hz/1Ph
Min/Max voltage	187-253Vac

Condenser specifications

Connecting type	Screw Connection
Liquid line size	1/4in (6mm)
Gas line size	5/8in (16mm)

MCA	22A
MOP	30A
Power Supply Wire	10/3 AWG
Interconnecting Wire	14/4 AWG

pre-charge length	24.6ft (7.5M)
MIN. Refrigerant Pipe Length	10 ft (3M)
MAX. Refrigerant Pipe Length	131ft (40M)
MAX. Vertical Height difference (total)	82 ft (25M)

Features:	
Electronic expansion valve	
Rotary compressor	
Basepan heater	
Compressor electric heater	

Refrigerant Type	R-32
Factory Charge	42oz

Weight	
Gross weight:	102.5Lbs (46.5Kg)
Net weight:	92.6Lbs (42Kg)

Additional Charge	0.2 oz/ft
Sound Pressure Level	58dB (A)



R32

20 Inverter

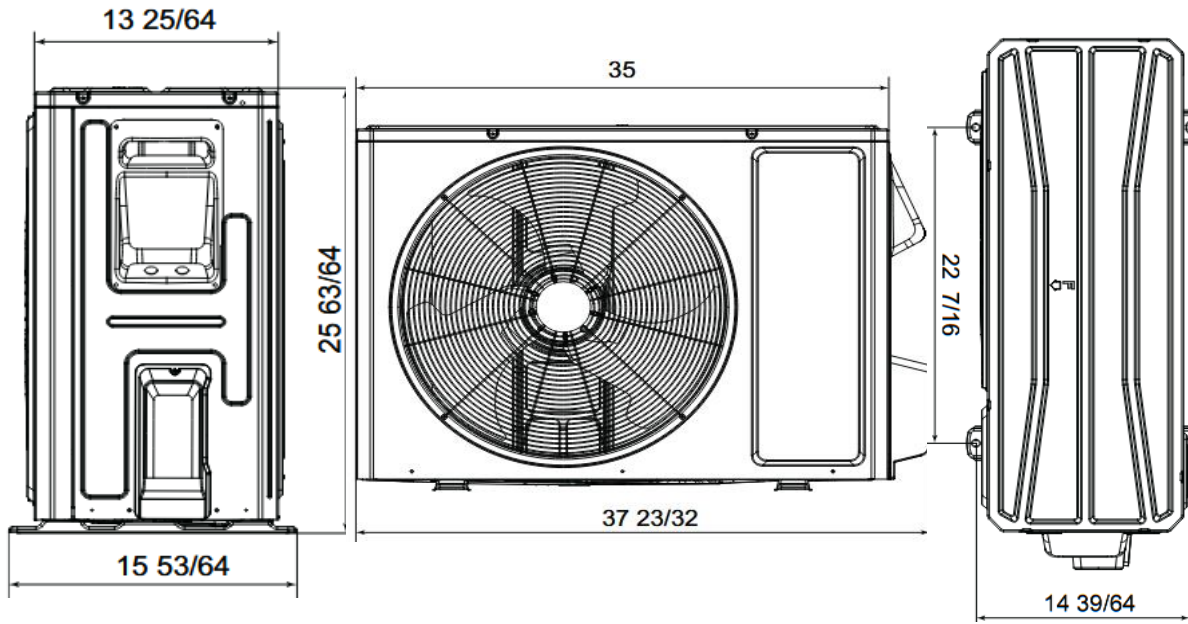


AHRI

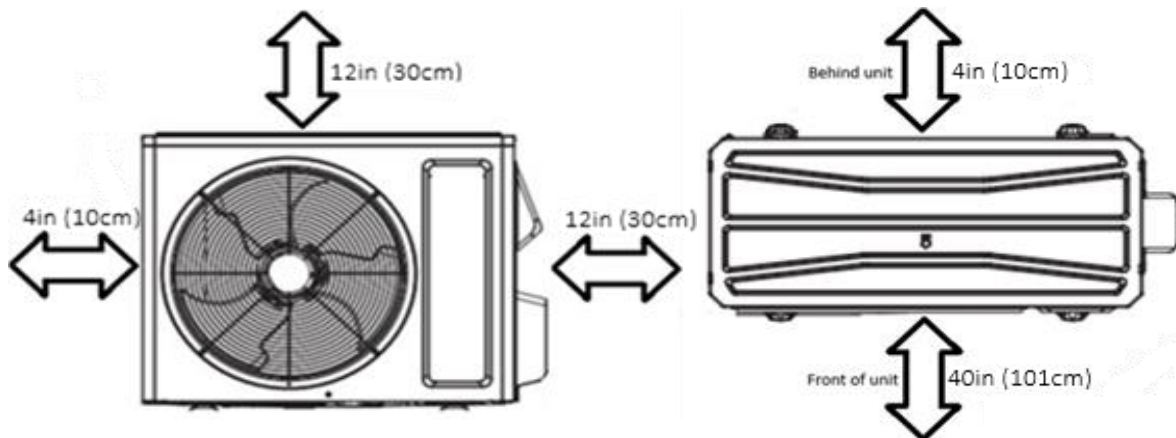


Outdoor unit Dimensions

KW24XQ25S1DO



Minimum outdoor unit clearances



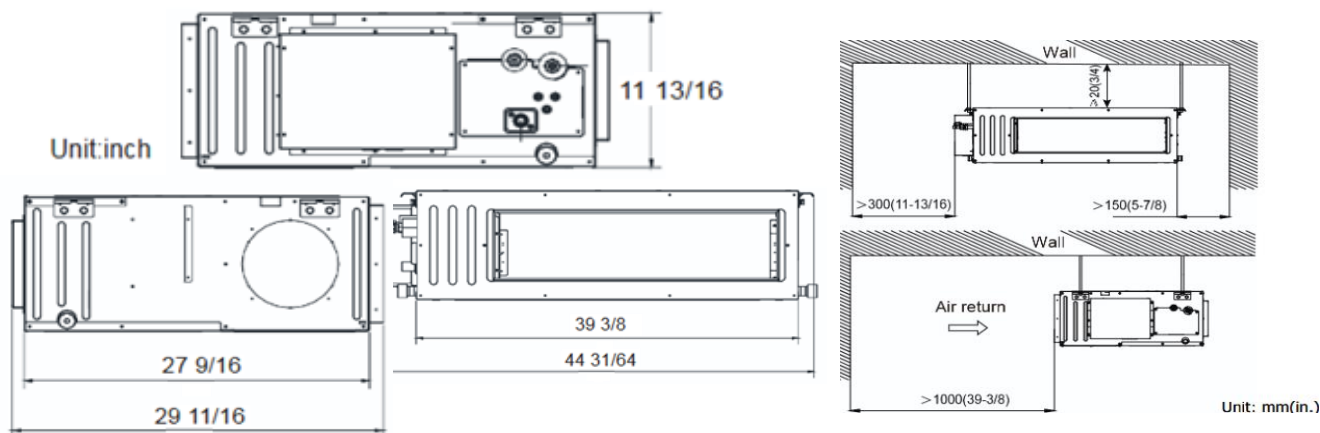
Unit must be placed a minimum 18in (45cm) above any surfaces to allow for snow clearance and defrost runoff.

Please follow local best practices and guidelines.



Indoor unit specifications

Ducted High Static				KM24XFDI		Net weight:	92.6 Lbs	Gross weight:	106.9 Lbs
Air flow volume				dB (A)			42 Kg		48.5 Kg
Turbo	736 CFM	1250 m3/h	42		Included:	Wired Controller XE72-44/E			
High	559 CFM	950 m3/h	34		Dehumidification level:	5.28 pt/hr			
Med-high	N/A	N/A	N/A		Optional Accessories				
Medium	453 CFM	770 m3/h	33		24V interlock wired controller:	XE71-00/E			
Med-low	N/A	N/A	N/A		Wired controller:	XE71-44G			
Low	406 CFM	690 m3/h	30		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	8C heating	Soft Start	Self clean	Dehumidfy	Forced defrost
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