



Submittal-Airy 12K 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: KM12XFDI

Outdoor: KW12XQ29S1DO

Capacity range

Output (BTU/H)	Minimum	Rated	Max	Certification		
Cooling:	2700	12000	15354	AHRI NO.	Energy Star	neep
Heating:	3070	12000	14160	218451530	4,617,818	

Heating performance

Output (BTU/H)	Minimum	Rated	Max	Efficiency Ratings	
47F (8.3C)	3070	12000	14160	SEER2	21.5
17F (-8.3C)	2700	10300	12000	HSPF2	9
5F (-15C)	2600	10500	10500	EER (W/W)	3.8
				COP (W/W)	4.5

Outdoor temperature range

Cooling:	-29-50C	-20-122F	Power supply	208-230V/60Hz/1Ph
Heating:	-30-30C	-22-86F	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	35oz	Compressor electric heater	
Additional Charge	0.2 oz/ft	Weight	
Sound Pressure Level	55dB (A)	Gross weight:	84.9Lbs (38.5Kg)
		Net weight:	78.3Lbs (35.5Kg)



R32

20 Inverter

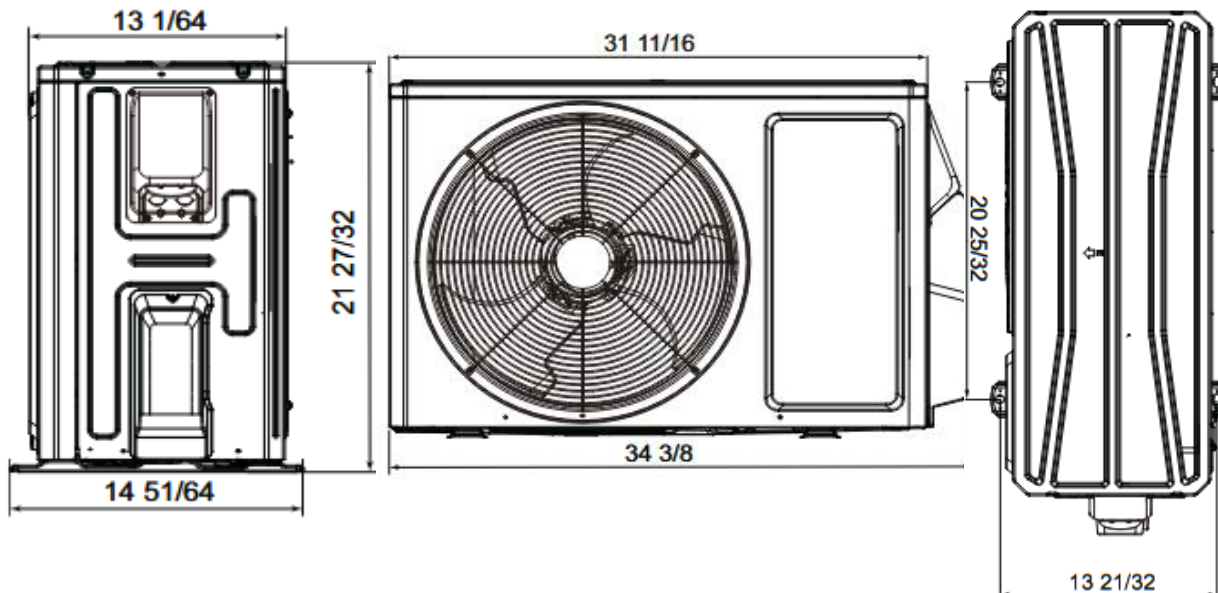


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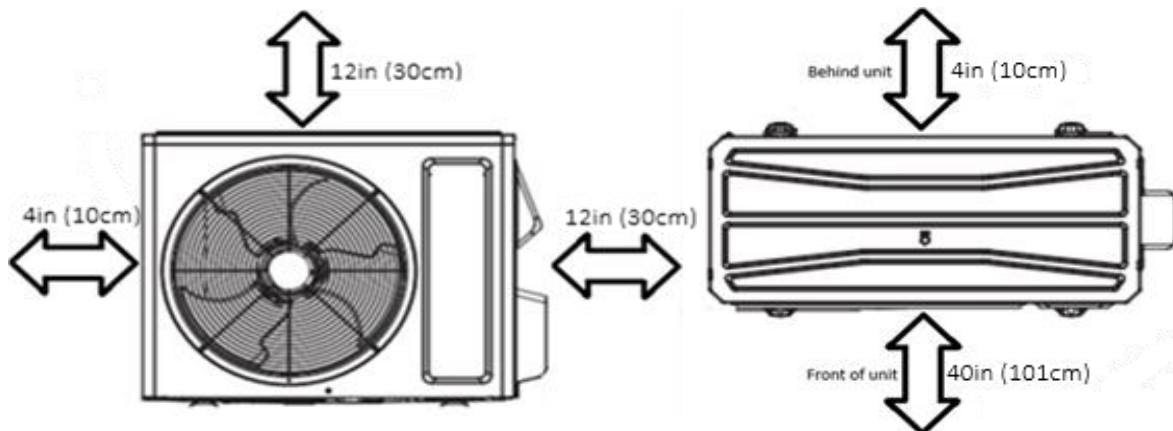


Outdoor unit Dimensions

KW12XQ29S1DO



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.

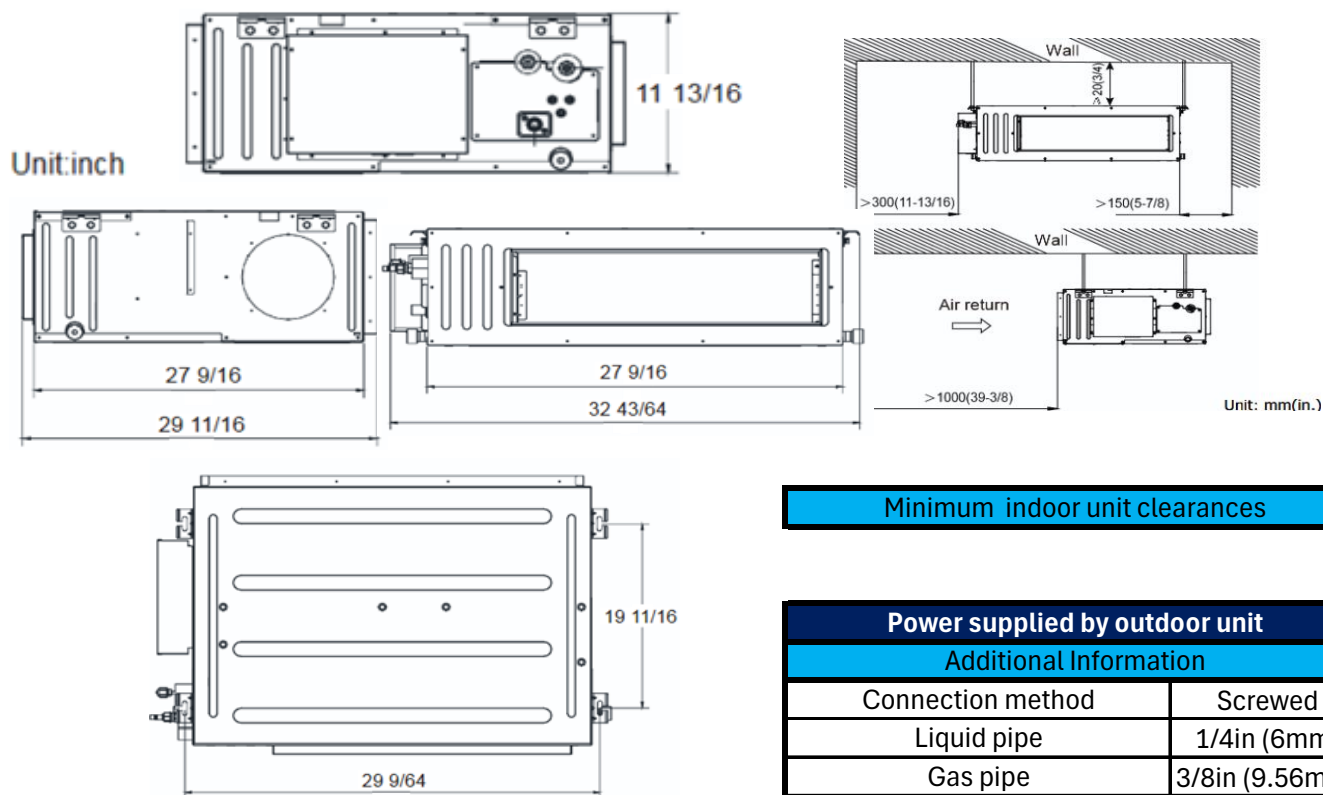


Indoor unit specifications

Ducted High Static			KM12XFDI
Air flow volume			dB (A)
Turbo	353 CFM	600 m3/h	39
High	288 CFM	490 m3/h	32
Med-high	N/A	N/A	N/A
Medium	247 CFM	420 m3/h	26
Med-low	N/A	N/A	N/A
Low	212 CFM	360 m3/h	25
Sleep	N/A	N/A	N/A

Net weight:	70.5 Lbs	Gross weight:	83.8 Lbs
	32 Kg		38 Kg
Included:	Wired Controller XE72-44/E		
Dehumidification level:	2.96 pt/hr		
Optional Accessories			
24V interlock wired controller:	XE71-00/E		
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 (9.56mm)
Drain pipe (Outer Diameter)	.98in (25mm)

Included Features

Self Clean	8C heating	Dehumidfy	Drain pump	Soft start	Forced Defrost
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