



Submittal-Airy 18K Floor Ceiling

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: KM18XTDI

Outdoor: KW18XQ29S1DO

Capacity range

Output (BTU/H)	Minimum	Rated	Max	Certification		
Cooling:	4000	18000	22520	AHRI NO.	Energy Star	nep
Heating:	5100	18000	26613	218451541	4,617,808	

Heating performance

Output (BTU/H)	Minimum	Rated	Max	Efficiency Ratings	
47F (8.3C)	5100	18000	24976	SEER2	21.5
17F (-8.3C)	11200	15500	19788	HSPF2	9.2
5F (-15C)	8900	17500	17500	EER (W/W)	3.3
				COP (W/W)	4

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	20A
Liquid line size	1/4in (6mm)	MOP	25A
Gas line size	5/8in (16mm)	Power Supply Wire	12/3 AWG
pre-charge length	24.6ft (7.5M)	Interconnecting Wire	14/4 AWG

Features:	
MIN. Refrigerant Pipe Length	10 ft (3M)
MAX. Refrigerant Pipe Length	131ft (40M)
MAX. Vertical Height difference (total)	82 ft (25M)
Refrigerant Type	R-32
Factory Charge	47oz
Additional Charge	0.4 oz/ft
Sound Pressure Level	59dB (A)
Weight	
Gross weight:	104.7Lbs (47.5Kg)
Net weight:	94.8Lbs (43Kg)



R32

20 Inverter



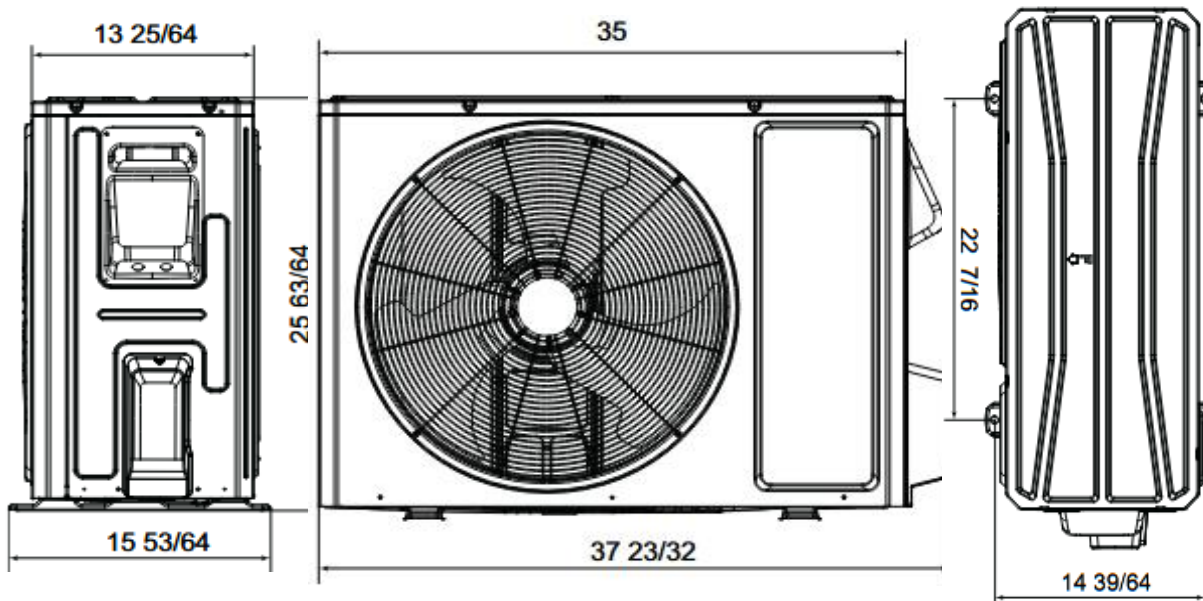
AHRI



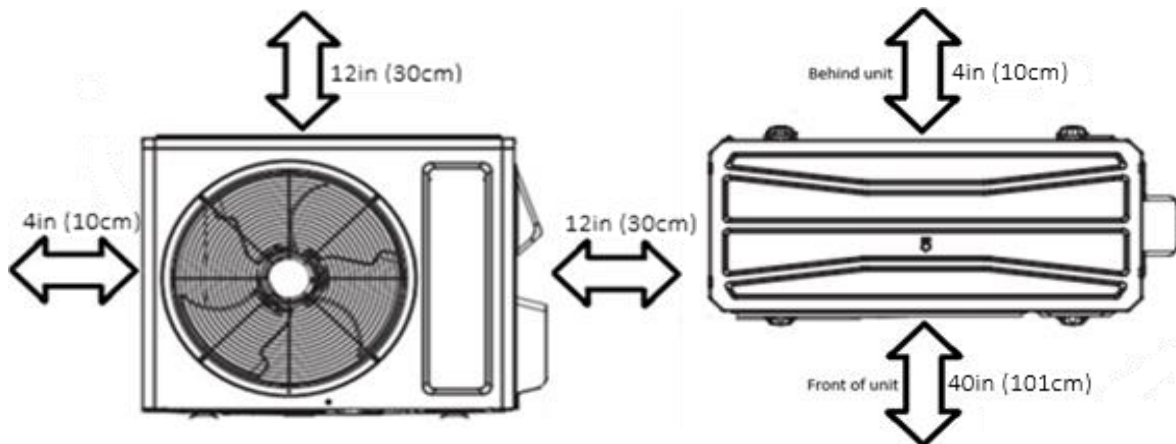
Outdoor unit Dimensions

Unit: inch

KW18XQ29S1DO



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.

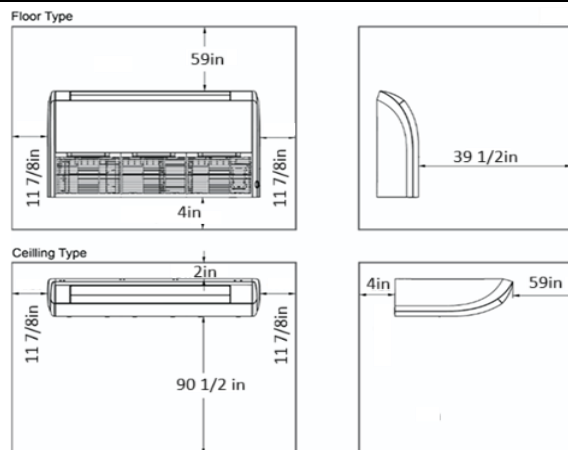
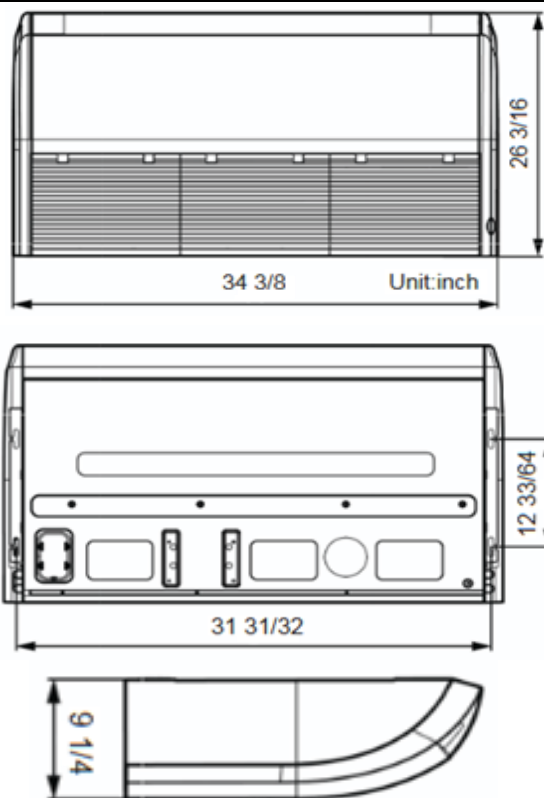


Indoor unit specifications

Floor Ceiling		KM18XTDI	
Air flow volume			dB (A)
Turbo	530 CFM	900 m3/h	48
High	453 CFM	770 m3/h	41
Med-high	N/A	N/A	N/A
Medium	412 CFM	700 m3/h	38
Med-low	N/A	N/A	N/A
Low	383 CFM	650 m3/h	36
Sleep	N/A	N/A	N/A

Net weight:	56.2 Lbs	Gross weight:	67.2 Lbs
	25.5 Kg		30.5 Kg
Included:	Infrared remote YBE1FB5F		
Dehumidification level:	1.8 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	1/2in (12mm)
Drain pipe (Outer Diameter)	3/4in (17mm)

Included Features

Dehumidify	8C heating	I-feel	Self clean	Soft start	Forced Defrost
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