



Submittal-48K Multizone

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: All Ducted

Outdoor: KM48X60

Capacity range

Output (BTU/H)	Minimum	Rated	Max	Certification		
Cooling:	8870	48000	49100	AHRI NO.	Energy Star	nep
Heating:	8870	48000	48000	216772302	3,995,742.	

Heating performance

Output (BTU/H)	Minimum	Rated	Max	Efficiency Ratings	
47F (8.3C)	8870	48000	48000	SEER2	18
17F (-8.3C)	9000	40000	44000	HSPF2	8.1
5F (-15C)	9000	36000	36000	EER (W/W)	3.4
				COP (W/W)	3.8

Outdoor temperature range

Cooling:	-30-48C	-22-118F	Power supply	208-230V/60Hz/1Ph
Heating:	-30-24C	-22-75F	Min/Max voltage	187-253Vac

Condenser specifications

Connecting type	Screw Connection	MCA	30A
Pre-charge length	164ft (50M)	MOP	45A
MIN. Refrigerant Pipe Length	10 ft (3M)	Power Supply Wire	3/10 AWG
MAX. Height difference (Indoor/Indoor)	82ft (25M)	Interconnecting Wire	4/14 AWG

MAX. Height difference (Indoor/Outdoor)	82ft (25M)	Features:	
MAX. Length per Individual Indoor	82ft (25M)	Electronic expansion valve	
MAX. Refrigerant Pipe Length (Total)	328ft (100M)	Rotary compressor	
Refrigerant Type	R-32	Basepan heater	
Factory Charge	95oz	Compressor electric heater	
Additional Charge	0.2 oz/ft	Weight	
Sound Pressure Level	69dB (A)	Gross weight:	189Lbs (86Kg)
		Net weight:	174Lbs (79Kg)



R32

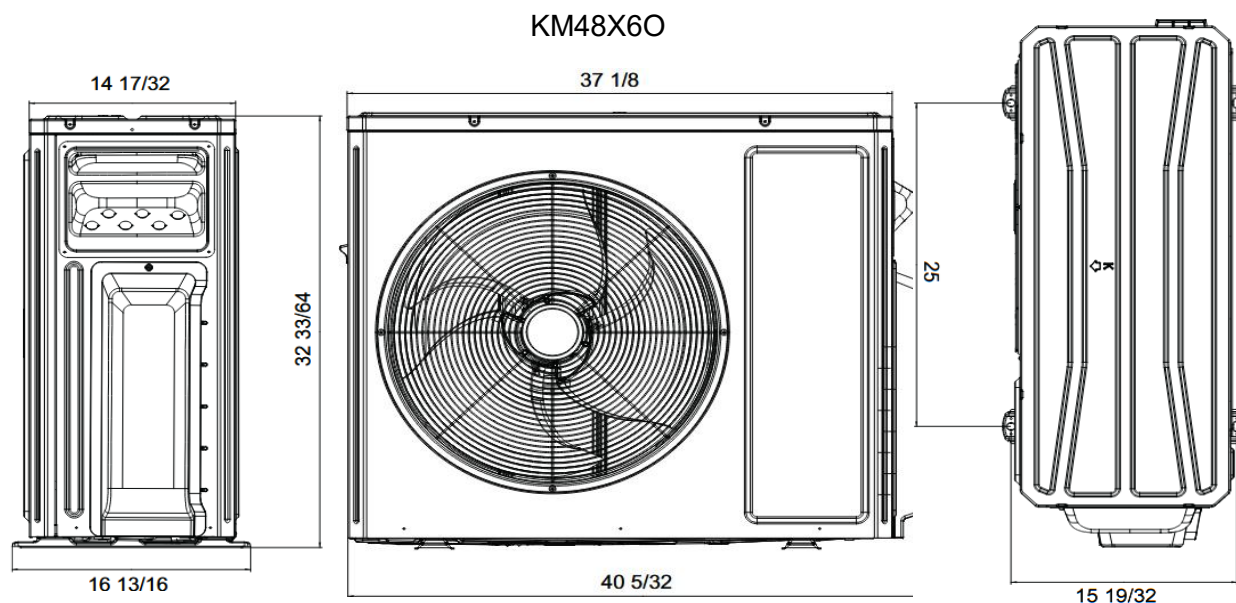
20 Inverter



AHRI



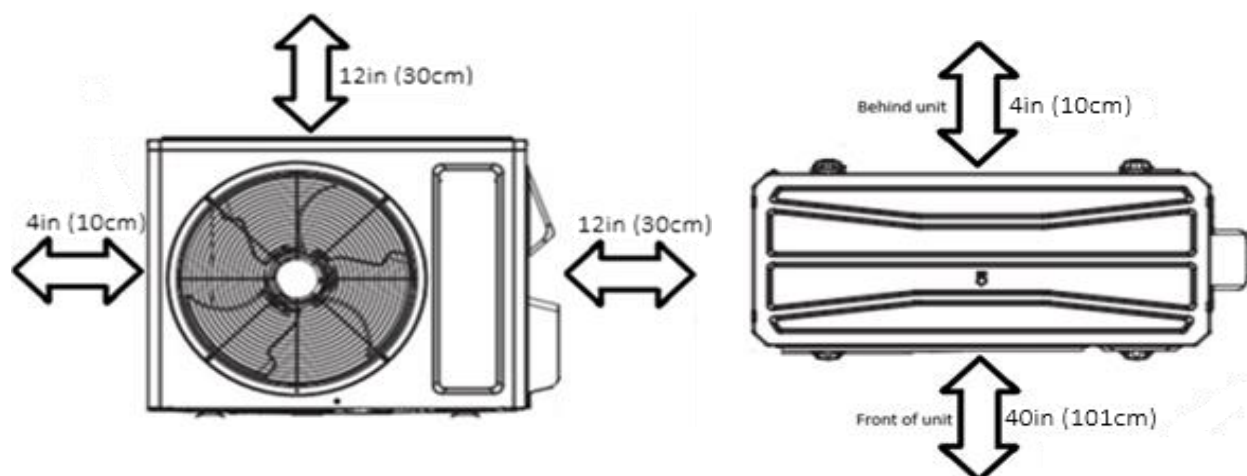
Outdoor unit Dimensions



Connection sizes

	Port 1	Port 2	Port 3	Port 4	Port 5
Liquid pipe	1/4in (6mm)	1/4in (6mm)	1/4in (6mm)	1/4in (6mm)	1/4in (6mm)
Gas pipe	3/8in (9.52mm)	3/8in (9.52mm)	3/8in (9.52mm)	3/8in (9.52mm)	3/8in (9.52mm)

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.