



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 Ductless

Outdoor: KM48X60

Capacity range



Output (BTU/H)	Minimum	Rated	Max	Certification		
Cooling:	8870	48000	49100	AHRI NO.	Energy Star	nep
Heating:	8870	48000	48000	216772301	3,995,741.	

Heating performance

Output (BTU/H)	Minimum	Rated	Max	Efficiency Ratings	
47F (8.3C)	8870	48000	48000	SEER2	21
17F (-8.3C)	9000	44500	44500	HSPF2	10
5F (-15C)	9000	37800	37800	EER (W/W)	3.5
				COP (W/W)	3.8

Outdoor temperature range

Cooling:	Minimum	Rated	Max	Electrical	
	-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

Features:

MAX. Height difference (Indoor/Outdoor)	82ft (25M)	Electronic expansion valve
MAX. Length per Individual Indoor	82ft (25M)	Rotary compressor
MAX. Refrigerant Pipe Length (Total)	328ft (100M)	Basepan heater
Refrigerant Type	R-32	Compressor electric heater

Weight

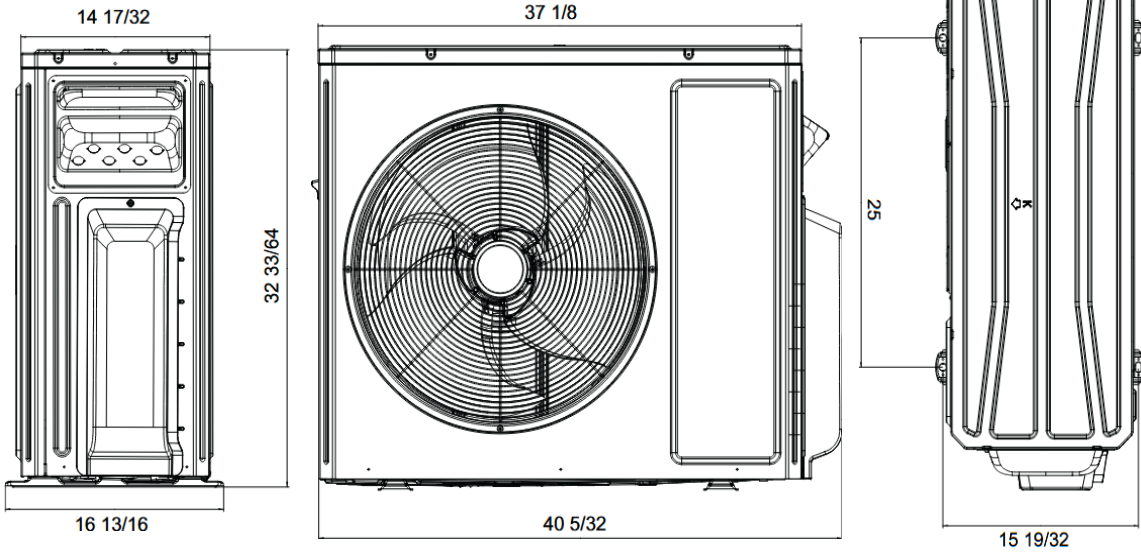
Factory Charge	95oz	Gross weight:	189Lbs (86Kg)
Additional Charge	0.2 oz/ft	Net weight:	174Lbs (79Kg)
Sound Pressure Level	69dB (A)		

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Outdoor unit Dimensions

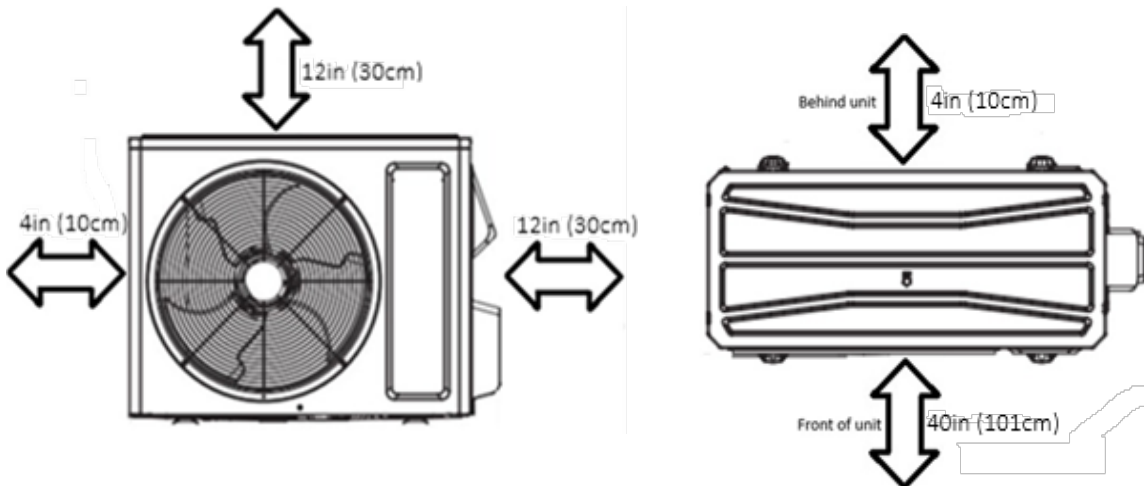
KM48X60



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 minimum 18in (45cm) above any surfaces to allow for snow clearance and defrost runoff.

Please follow local best practices and guidelines.

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