



Submittal-42K 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: KM42X6O

Capacity range



R32

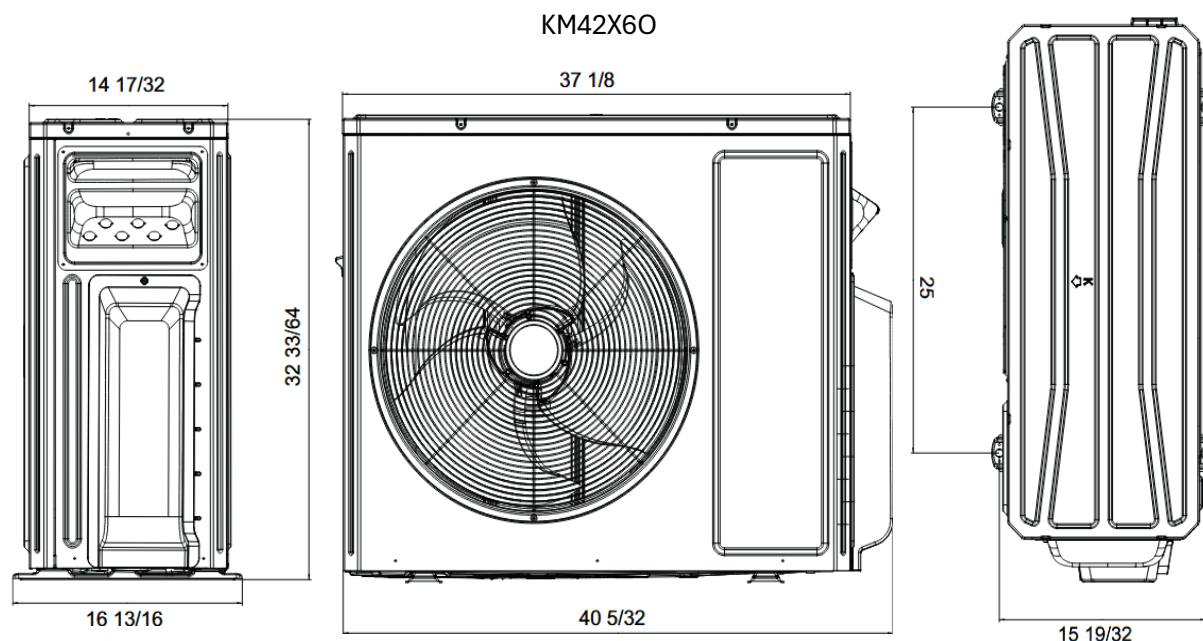


Output (BTU/H)		Minimum	Rated	Max	Certification		
Cooling:		8870	42000	44300	AHRI NO.	Energy Star	
Heating:		8870	42000	54592	215708450	3,712,027.	
Heating performance					Efficiency Ratings		
Output (BTU/H)		Minimum	Rated	Max	SEER2	21	
47F (8.3C)		8870	42000	45200	HSPF2	10	
17F (-8.3C)		9000	40000	43200	EER (W/W)	3.81	
5F (-15C)		9000	36000	36000	COP (W/W)	3.9	
Outdoor temperature range					Electrical		
Cooling:	-30-48C		-22-118F		Power supply	208-230V/60Hz/1Ph	
Heating:	-30-24C		-22-75F		Min/Max voltage	187-253Vac	
Condenser specifications					MCA	30A	
Connecting type			Screw Connection		MOP	45A	
Pre-charge length			164ft (50M)		Power Supply Wire	3/10 AWG	
MIN. Refrigerant Pipe Length			10 ft (3M)		Interconnecting Wire	4/14 AWG	
MAX. Height difference (Indoor/Indoor)			82ft (25M)		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		
Factory Charge			95oz		Weight		
Additional Charge			0.2 oz/ft		Gross weight:	189Lbs (86Kg)	
Sound Pressure Level			63dB (A)		Net weight:	174Lbs (79Kg)	

Specifications are subject to change without notice. Manufacturer reserves the right to discontinue or modify specifications or designs without notice or without incurring obligations. All Rights reserved.



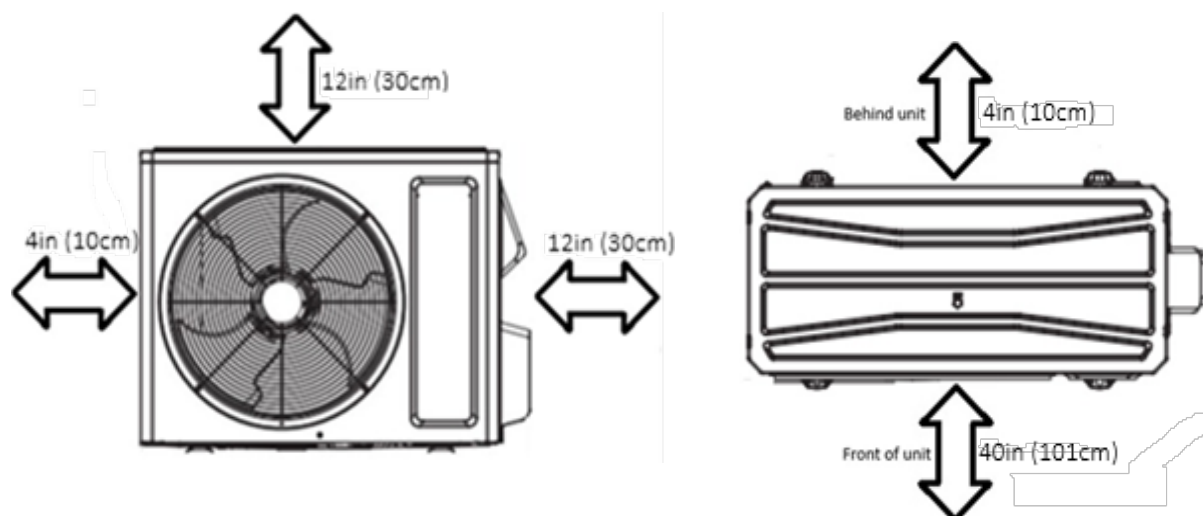
Outdoor unit Dimensions



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.

Specifications are subject to change without notice. Manufacturer reserves the right to discontinue or modify specifications or designs without notice or without incurring obligations. All Rights reserved.