



Submittal Data: BMKH09-22YN4GA		9,000 BTU/H Wall Mounted Heat- Pump System	
Job Name		Location	
Purchaser		Date	
Submitted To		Engineer	
		For ☐ Reference ☐ Approval ☐ Construction	
Unit Designation		Schedule No.	
GENERAL FEATURES -Compact and Quiet Design -Energy Star Qualified -High Efficiency DC Inverter Technology -Wireless Remote with LCD Display -Low Ambient Cool to 5 deg F -Intelligent Defrost -Gold Fin Condenser Coil -1 year Limited Parts Warranty -5 year Limited Compressor Warranty			
System Ratings			
Cooling Rated Capacity 9,000 BTU/H Capacity Range 3,500-9,600 BTU/H Power Input (Max) 1,075 W SEER 22 EER 14.2		Indoor Unit Data Fan Motor Output Power 20 W FLA 0.2 A Airflow Cooling Wet (Lo/Hi) 218/306 CFM Heating Dry (Lo/Hi) 235/317 CFM Sound Pressure Level Cooling (Lo/Hi) 32/42 db(A) Heating (Lo/Hi) 32/42 db(A) Dimensions & Weights Unit Dimensions (LxHxD) 33.3 x 10.8 x 7.1-in Weight (Net/Shipping) 22/29 LBS	
Heating at 47° F Rated Capacity 9,800 BTU/H Capacity Range 2,200-11,000 BTU/H Power Input (Max) 900 W HSPF 9.2 COP 3.8		Outdoor Unit Data Compressor DC Inverter Driven Rotary Refrigerant Type R410A Fan Motor Output Power 30 W FLA 0.2 A Sound Pressure Cooling 50 db(A) Heating 50 db(A) Dimensions & Weights Unit Dimensions (LxHxD) 33.4 x 21.3 x 12.6 -in Weight (Net/Shipping) 79/90 LBS	
Heating at 17° F Rated Capacity 8,602 BTU/H Capacity (Max) 9,656 BTU/H Power Input (Max) 790 W COP 2.2			
Operating Range Cooling (Max) 109°F (43 C) (Min) 5°F (-15 C) Heating (Max) 75°F (24 C) (Min) 5°F (-15 C)		Refrigerant Piping Data Gas Pipe Size (OD) 3/8-in Liquid Pipe Size (OD) 1/4-in Connection Method Flared MAX Refrigerant Pipe Length 50-ft MIN Refrigerant Pipe Length 10-ft MAX Refrigerant Pipe Height Difference 33-ft	
Power Supply Normal Operational Voltage 208/230 V, 1 Phase, 60 Hz Voltage Range 187 - 253 V Main Power Wire Size 14-2 AWG Interconnecting Cable Wire Size 14-4 AWG MCA 10.0 A MOCP/Breaker Size 15 A			



EXTENDED RATINGS
COOLING PERFORMANCE

Outdoor Ambient Temperature (DB)	Indoor Entering Air Temperatures (DB) 50% RH					
	62 F		67 F		72 F	
	TC	SHC	TC	SHC	TC	SHC
25 F	11,213	8,338	12,141	8,781	12,956	9,345
35 F	10,976	8,328	11,708	8,542	12,267	8,873
45 F	10,432	8,033	11,187	8,284	11,949	8,672
55 F	10,049	7,772	10,716	8,041	11,471	8,378
65 F	9,694	7,562	10,675	8,102	11,303	8,289
75 F	9,305	7,281	10,056	7,727	10,797	7,961
85 F	8,940	7,104	9,590	7,398	10,407	7,769
95 F	8,508	6,776	9,142	7,301	9,981	7,506
105 F	8,038	6,518	8,648	6,910	9,419	7,202
115 F	7,577	6,250	8,031	6,519	8,579	6,720

HEATING PERFORMANCE

Outdoor Ambient Temperature (DB) (80% RH)	Indoor Entering Air Temperatures (DB)					
	65 F		70 F		75 F	
	TC	SHC	TC	SHC	TC	SHC
5 F	8,321	8,321	7,960	7,960	7,705	7,705
15 F	9,015	9,015	8,321	8,321	8,313	8,313
25 F	9,533	9,533	9,727	9,727	9,655	9,655
35 F	11,020	11,020	11,506	11,506	10,998	10,998
45 F	12,481	12,481	12,365	13,072	12,510	12,510
55 F	13,502	13,502	13,247	13,247	12,722	12,722
65 F	13,484	13,484	13,335	13,335	12,985	12,985

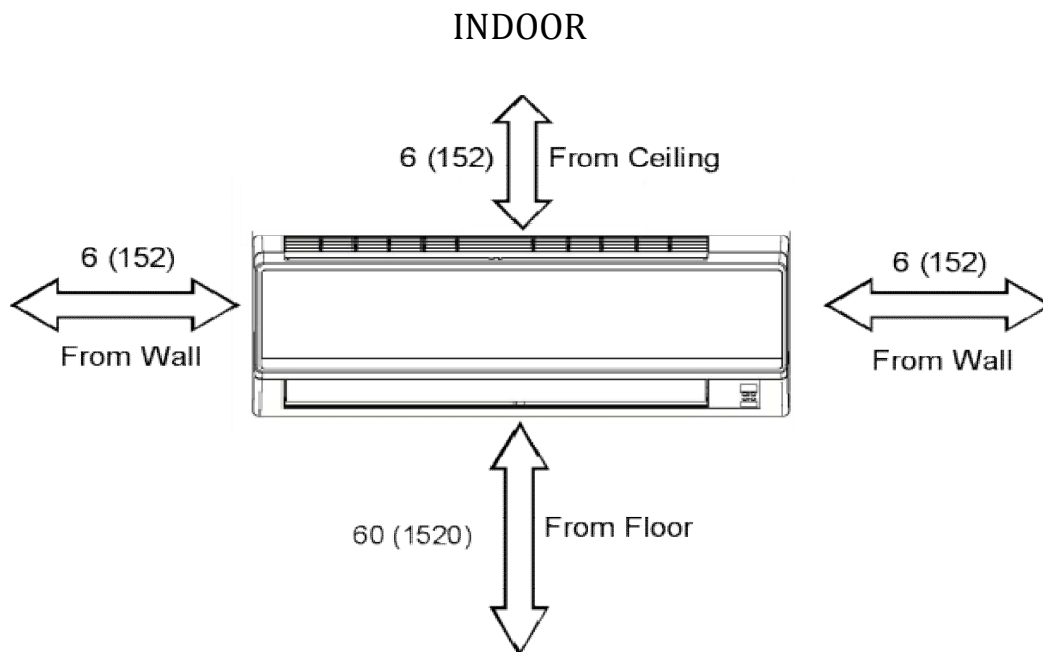
TC- Total Capacity (btuh)

SHC- Sensible Capacity (btuh)

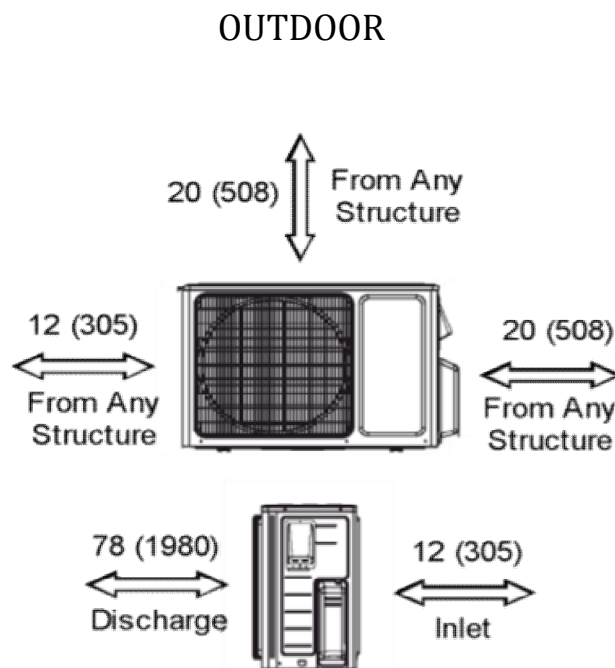


MINIMUM SPACING REQUIREMENTS

Units: inch (mm)



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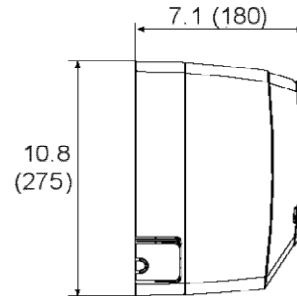
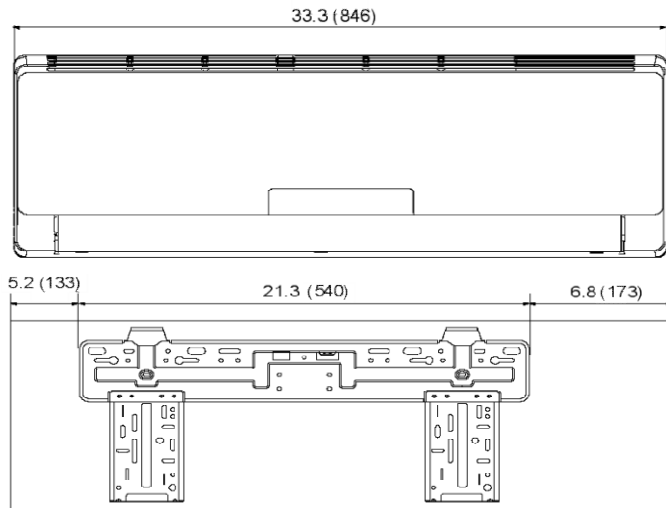


DIMENSIONAL SPECIFICATIONS

BMKH09-22YN4GA

INDOOR UNIT DIMENSIONS

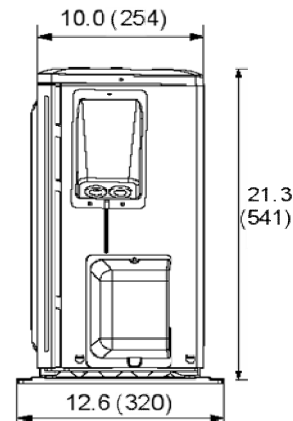
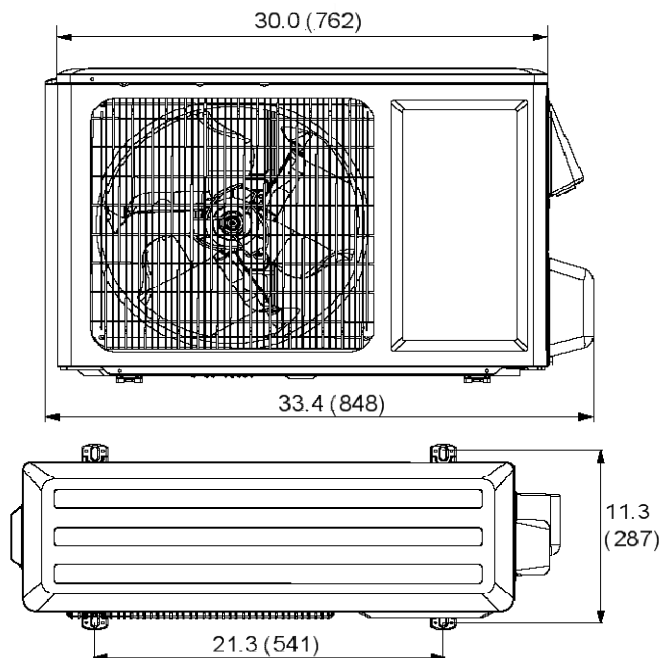
Units: inch (mm)



Liquid Line Valve	1/4-in OD Flared
Gas Line Valve	3/8-in OD Flared
Drain Connector	5/8-in OD

OUTDOOR UNIT DIMENSIONS

Units: inch (mm)



Liquid Line Valve	1/4-in OD Flared
Gas Line Valve	3/8-in OD Flared

Notes:

1. Recommended Interconnecting Cable Type Stranded Bare Copper Conductors THHN 600V Wire
2. Power wiring cable size must comply with applicable national and local codes.
3. Test conditions are based on AHRI 210/240.

