



Submittal Data: BMKH09-15YN4GA		9,000 BTU/H Wall Mounted Heat- Pump System	
Job Name		Location	
Purchaser		Date	
Submitted To		Engineer	
Unit Designation		For ☐ Reference ☐ Approval ☐ Construction	
Schedule No.			
GENERAL FEATURES -Compact and Quiet Design -High Efficiency - 15 SEER -DC Inverter Technology -Wireless Remote with LCD Display -Low Ambient Cooling -Comfortable Sleep Mode -Intelligent Defrost -1 year Limited Parts Warranty -5 year Limited Compressor Warranty			
System Ratings			
Cooling Rated Capacity 9,000 BTU/H Capacity Range 3,800-11,500 BTU/H Power Input (Max) 1,220 W SEER 15 EER 10.2		Indoor Unit Data Fan Motor Output Power 15 W FLA 0.2 A Airflow Cooling Wet (Lo/Hi) 141/330 CFM Heating Dry (Lo/Hi) 198/340 CFM Sound Pressure Level Cooling (Lo/Hi) 26/43 db(A) Heating (Lo/Hi) 26/43 db(A) Dimensions & Weights Unit Dimensions (LxHxD) 30.3 x 11.1 x 7.9-in Weight (Net/Shipping) 19/25 LBS	
Heating at 47° F Rated Capacity 9,000 BTU/H Capacity Range 3,300-11,500 BTU/H Power Input (Max) 980 W HSPF 8.5 COP 3.4			
Heating at 17° F Rated Capacity 7,401 BTU/H Capacity (Max) 9,456 BTU/H Power Input (Max) 806 W COP 2.3			
Operating Range Cooling (Max) 109°F (43 C) (Min) 5°F (-15 C) Heating (Max) 75°F (24 C) (Min) 5°F (-15 C)			
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		Outdoor Unit Data Compressor DC Inverter Driven Rotary Refrigerant Type R410A Fan Motor Output Power 21 W FLA 0.3 A Sound Pressure Cooling 49 db(A) Heating 49 db(A) Dimensions & Weights Unit Dimensions (LxHxD) 28.0 x 21.7 x 12.5 -in Weight (Net/Shipping) 64/73 LBS	
		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	





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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	11,073	8,222	11,968	8,665	12,794	9,211
35 F	10,821	8,212	11,524	8,412	12,083	8,736
45 F	10,286	7,900	11,000	8,162	11,786	8,544
55 F	9,903	7,665	10,560	7,920	11,320	8,264
65 F	9,565	7,432	10,525	7,988	11,160	8,158
75 F	9,189	7,186	9,900	7,613	10,648	7,858
85 F	8,820	7,003	9,450	7,295	10,260	7,664
95 F	8,370	6,688	9,000	7,191	9,846	7,394
105 F	7,920	6,431	8,530	6,807	9,270	7,119
115 F	7,469	6,155	7,919	6,415	8,459	6,624

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	7,435	7,435	7,017	7,017	6,845	6,845
15 F	7,947	7,947	7,250	7,250	7,206	7,206
25 F	8,432	8,432	8,003	8,003	7,548	7,548
35 F	8,903	8,903	8,240	8,240	7,894	7,894
45 F	9,368	9,368	9,050	9,050	8,502	8,502
55 F	9,380	9,380	9,109	9,109	8,710	8,710
65 F	9,336	9,336	9,199	9,199	8,916	8,916

TC- Total Capacity (btuh)

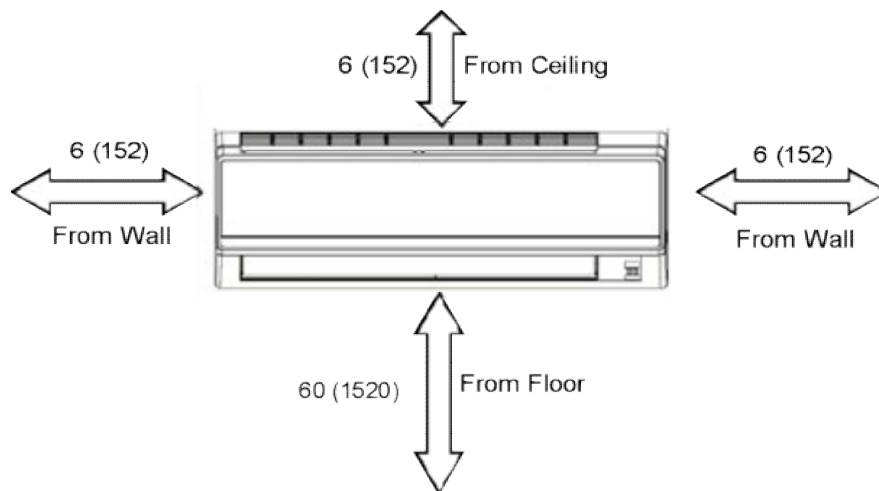
SHC- Sensible Capacity (btuh)

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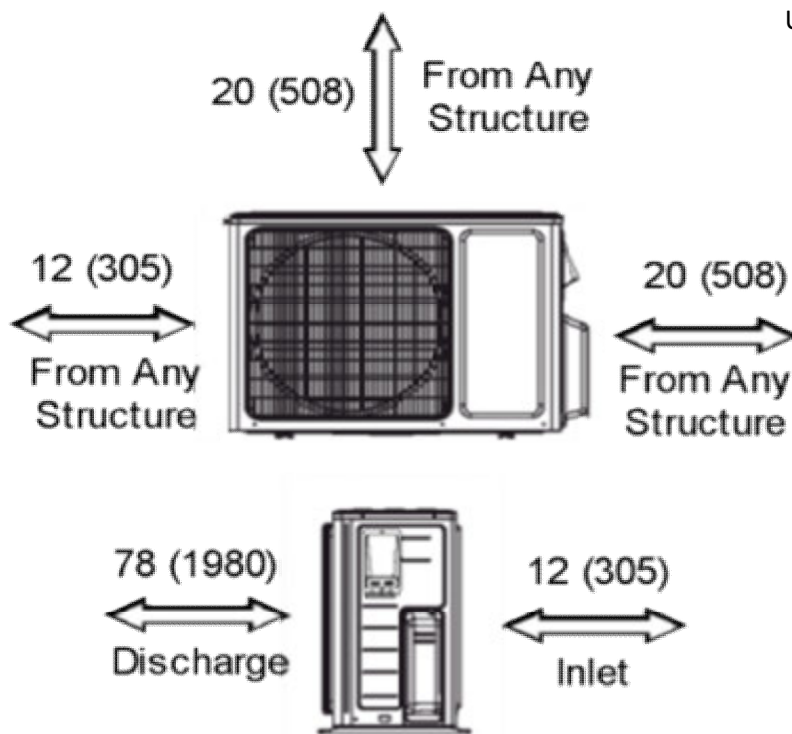
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MINIMUM SPACING REQUIREMENTS

Units: inch (mm)



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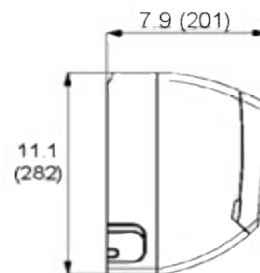
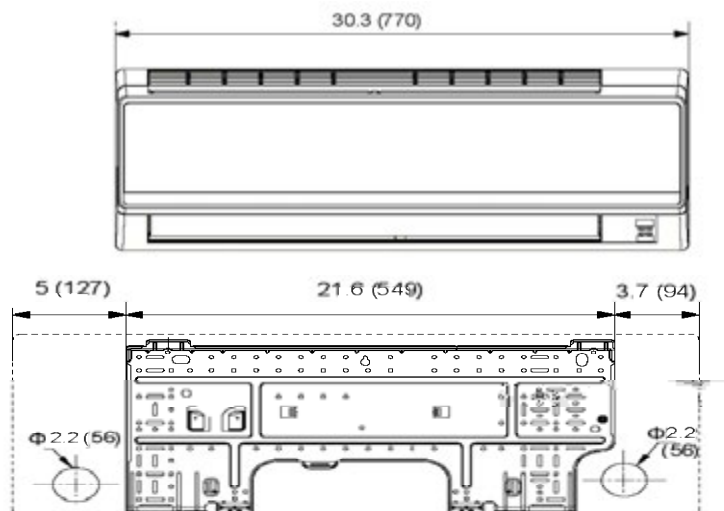


DIMENSIONAL SPECIFICATIONS

BMKH09-15YN4GA

INDOOR UNIT DIMENSIONS

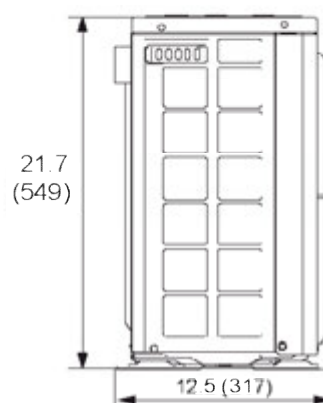
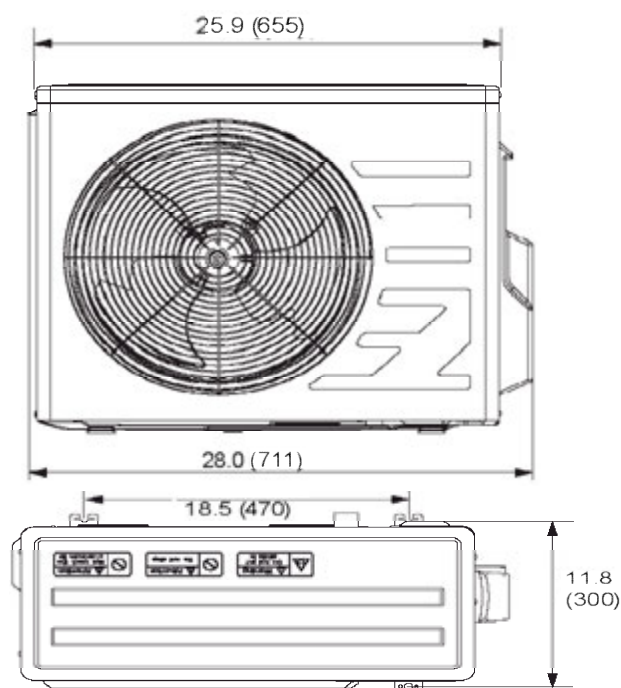
Units: inch (mm)



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.



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