

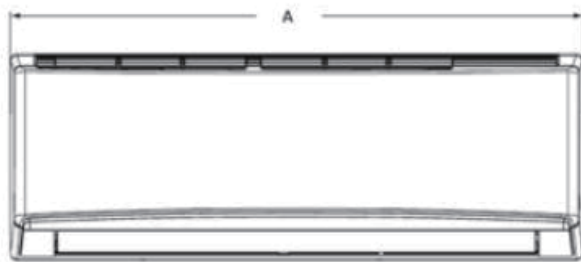
SPLIT TYPE
''''J€@H
**Model:
KW09HQ2B8A**


Item	Unit	Specification
ODU Model	—	KW09HQ2B8AO
IDU Model	—	KW09HQ2B8AI
System Ratings		
Cooling Capacity	Btu/h	9,000
Heating Capacity (47°F)	Btu/h	9,900
Heating Capacity (17°F)	Btu/h	6,100
Cooling Capacity Range	Btu/h	2,764-10,918
Heating Capacity Range	Btu/h	2,081-13,989
Cooling Power Input (Max)	W	1,270
Heating Power Input (Max)	W	1,200
SEER	—	23.0
HSPF	—	11.0
EER	W/W	13.0
COP	W/W	3.1
Cooling Operation Range	°F(°C)	0~115.0 (-18.0~46.0)
Heating Operation Range	°F(°C)	-4~75.0 (-20.0~24.0)
Gas Pipe Size (OD)	Inch	3/8
Liquid Pipe Size (OD)	Inch	1/4
Connection Method	—	Flared
Factory Charge	oz	42.3
Additional Charge	oz/ft	0.16
Pre-Charge Length	ft.	25
MAX Refrigerant Length	ft.	50
Min Refrigerant Pipe Length	ft.	10
MAX Refrigerant Pipe Elevation	ft.	33
Indoor Unit Data		
Fan Motor Power Output	W	20
Fan Motor FLA	A	0.3
Air Flow Volume	CFM	171/377
Sound Pressure Level	dB(A)	26/43
Dehumidication	pt/hr	1.69
Power Supply	—	115V / 1Ph / 60Hz
Min/Max Voltage	V	103 - 127
MCA	A	12.0
MOCP/Breaker Size	A	20.0
Outdoor Unit Data		
Compressor Type	—	DC Inverter Rotary
Compressor RLA	A	8.6
Refrigerant Type	—	R410A
Fan Motor Power Output	W	30
Fan Motor FLA	A	0.55
Sound Pressure Level	dB(A)	53
Power Supply	—	115V / 1Ph / 60Hz
Min/Max Voltage	V	103 - 127
Main Supply Wire Size	—	12-2 AWG
MCA	A	12.0
MOCP/Breaker Size	A	20.0

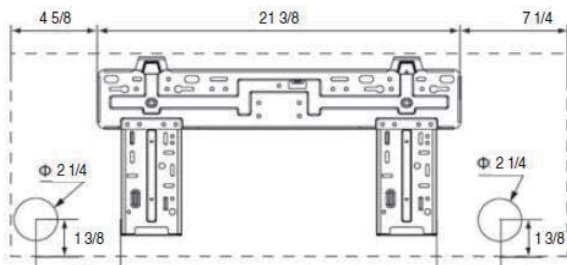
Job Name:
Schedule Reference:
Date:



Outline and Physical Dimension of KW09HQ2B8A.

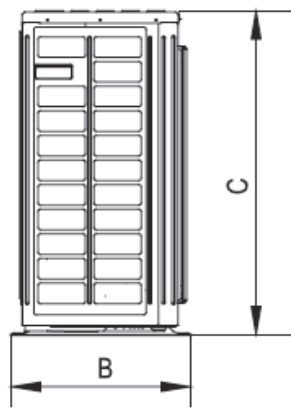
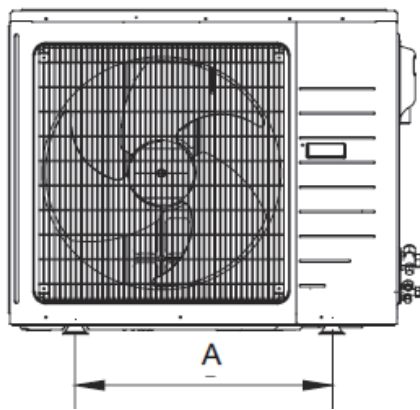


Dimensions	
A	33 3/8
B	11 3/8
C	8 3/8



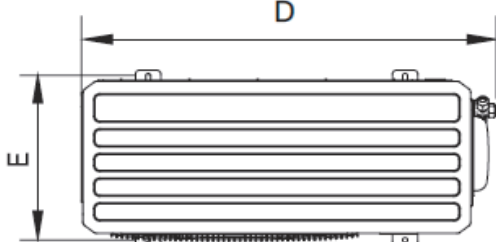
Liquid Line Valve	1/4-in OD Flared
Gas Line Valve	3/8-in OD Flared
Drain Connector	5/8-in OD

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Dimensions	
A	21 1/4
B	12 5/8
C	21 1/4
D	33 3/8
E	11 1/4

y



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

Net Weight IDU	23.2 lb
Gross Weight IDU	27.6 lb
Net Weight ODU	71.7 lb
Gross Weight ODU	77.2 lb



COOLING PERFORMANCE (BtuH)*

Outdoor Ambient DB	Indoor Ambient Temperature							
	68F DB (20C)		73F DB (23C)		80F DB (27C)		82F DB (28C)	
	57F WB (14C)		61F WB (16C)		67F WB (19C)		68F WB (20C)	
	TC	SHC	TC	SHC	TC	SHC	TC	SHC
5°F	5,748	4,508	6,073	4,761	6,854	5,375	6,914	5,423
14°F	5,896	4,624	6,226	4,883	7,115	5,579	7,178	5,629
23°F	6,298	4,940	6,736	5,284	7,719	6,054	7,787	6,108
32°F	7,637	5,990	8,169	6,407	8,947	7,015	9,026	7,077
41°F	8,650	6,784	9,190	7,207	9,821	7,703	9,908	7,771
50°F	8,547	6,705	9,091	7,131	9,731	7,633	9,817	7,700
59°F	8,337	6,538	8,878	6,963	9,641	7,563	9,726	7,630
68°F	8,127	6,373	8,668	6,799	9,461	7,420	9,545	7,486
77°F	7,920	6,212	8,457	6,632	9,280	7,280	9,363	7,344
86°F	7,692	6,033	8,229	6,452	9,010	7,067	9,090	7,130
95°F	7,505	5,887	8,040	6,306	8,893	6,976	8,972	7,038
104°F	7,319	5,740	7,854	6,160	8,776	6,884	8,854	6,945
113°F	6,944	5,445	7,478	5,865	8,403	6,589	8,478	6,648

HEATING PERFORMANCE (BtuH)*

Outdoor Ambient DB	Indoor Ambient Temperature							
	68F DB (20C)		73F DB (23C)		80F DB (27C)		86F DB (30C)	
	57F WB (14C)		61F WB (16C)		67F WB (19C)		72F WB (22C)	
	TC	SHC	TC	SHC	TC	SHC	TC	SHC
-4°F	5,194	5,194	5,145	5,145	5,058	5,058	4,854	4,854
0°F	5,628	5,628	5,575	5,575	5,482	5,482	5,256	5,256
6°F	5,937	5,937	5,881	5,881	5,782	5,782	5,544	5,544
10°F	6,184	6,184	6,126	6,126	6,024	6,024	5,776	5,776
16°F	6,370	6,370	6,311	6,311	6,206	6,206	5,949	5,949
19°F	6,497	6,497	6,432	6,432	6,327	6,327	6,064	6,064
24°F	7,218	7,218	7,156	7,156	7,048	7,048	6,788	6,788
32°F	8,059	8,059	7,997	7,997	7,889	7,889	7,629	7,629
41°F	9,021	9,021	8,960	8,960	8,854	8,854	8,591	8,591
43°F	9,263	9,263	9,201	9,201	9,093	9,093	8,833	8,833
47°F	10,101	10,101	9,999	9,999	9,826	9,826	9,399	9,399
53°F	10,203	10,203	10,098	10,098	9,922	9,922	9,492	9,492
59°F	10,435	10,435	10,330	10,330	10,148	10,148	9,708	9,708
64°F	10,658	10,658	10,550	10,550	10,364	10,364	9,915	9,915
70°F	10,859	10,859	10,748	10,748	10,562	10,562	10,104	10,104
75°F	11,011	11,011	10,899	10,899	10,707	10,707	10,243	10,243

* Maximum system capacity

TC- Total Capacity (BtuH)

SHC- Sensible Capacity (BtuH)



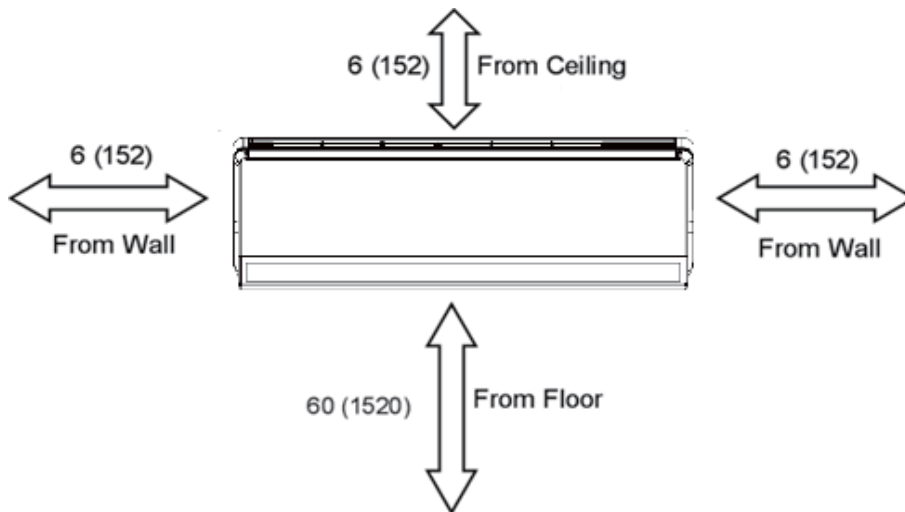
DIMENSIONAL SPECIFICATIONS

KW09HQ2B8A

MINIMUM SPACING REQUIREMENTS

Units: inch (mm)

INDOOR



Units: inch (mm)

OUTDOOR

