



[Wall-mounted type]

# LILAC

Features:  Standard  Optional



I Feel



Turbo Button



Auto Restart



LED Display



Lock



Timer



Clock Display



Auto Clean



0°F Cooling



Wifi Control



Self-diagnosis



-4°F Heating



46.4°F Heating



Automatic Operation



Intelligent Defrosting



Comfortable Sleep Mode



Cold Air Prevention



Healthy Filters



Golden Fin



Wired Controller

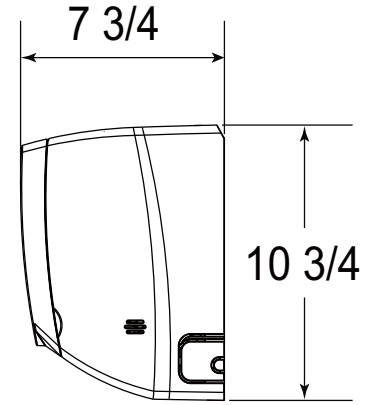
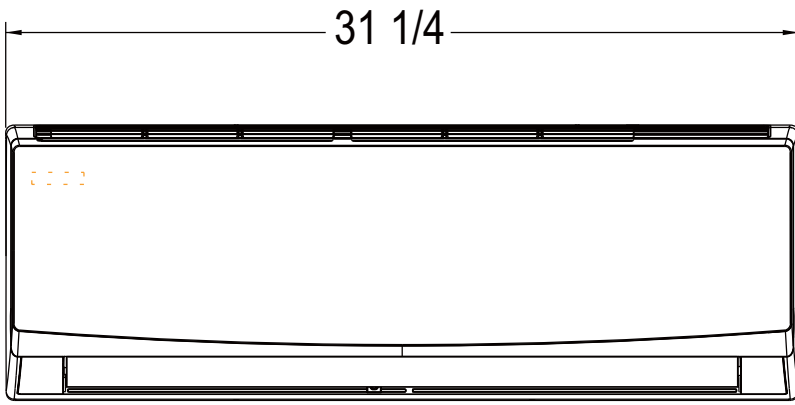
**SPLIT TYPE**
**LILAC**
**Model:  
KW09HQ3B8A**


Item	Unit	Specification
ODU Model	—	KW09HQ3B8AO
IDU Model	—	KW09HQ3B8AI
<b>System Ratings</b>		
Cooling Capacity	Btu/h	9,000
Heating Capacity (47°F)	Btu/h	9,500
Heating Capacity (17°F)	Btu/h	5,400
Cooling Capacity Range	Btu/h	2,764-9,724
Heating Capacity Range	Btu/h	2,081-12,283
Cooling Power Input (Max)	W	1,100
Heating Power Input (Max)	W	1,250
SEER	—	18.0
HSPF	—	9.0
EER	W/W	10.0
COP	W/W	3.2
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	24.7
Additional Charge	oz/ft	0.2
Pre-Charge Length	ft.	25
MAX Refrigerant Length	ft.	66
Min Refrigerant Pipe Length	ft.	10
MAX Refrigerant Pipe Elevation	ft.	33
<b>Indoor Unit Data</b>		
Fan Motor Power Output	W	20
Fan Motor FLA	A	0.24
Air Flow Volume	CFM	171/318
Sound Pressure Level	dB(A)	28/43
Dehumidication	pt/hr	1.69
Power Supply	—	115V / 1Ph / 60Hz
Min/Max Voltage	V	103 - 127
MCA	A	17.0
MOCP/Breaker Size	A	25.0
<b>Outdoor Unit Data</b>		
Compressor Type	—	DC Inverter Rotary
Compressor RLA	A	12.6
Refrigerant Type	—	R410A
Fan Motor Power Output	W	30
Fan Motor FLA	A	0.24
Sound Pressure Level	dB(A)	52
Power Supply	—	115V / 1Ph / 60Hz
Min/Max Voltage	V	103 - 127
Main Supply Wire Size	—	12-2 AWG
MCA	A	17.0
MOCP/Breaker Size	A	25.0

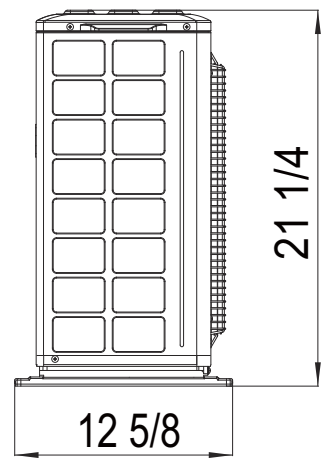
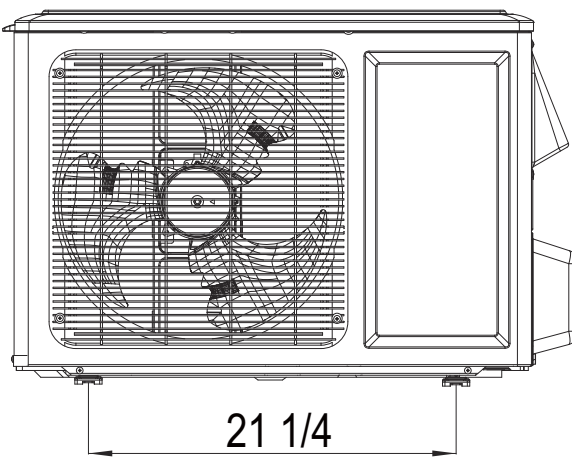
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**Schedule Reference:**
**Date:**



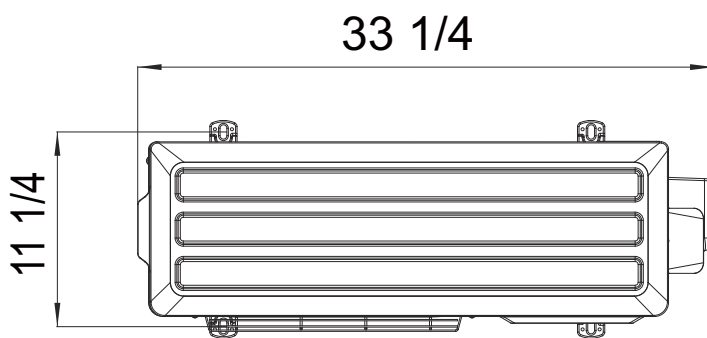
Outline and Physical Dimension of KW09HQ3B8A.



Units: inc



Units: inc



Net Weight IDU	lb	20.9
Gross Weight IDU	lb	25.4
Net Weight ODU	lb	62.8
Gross Weight ODU	lb	68.4



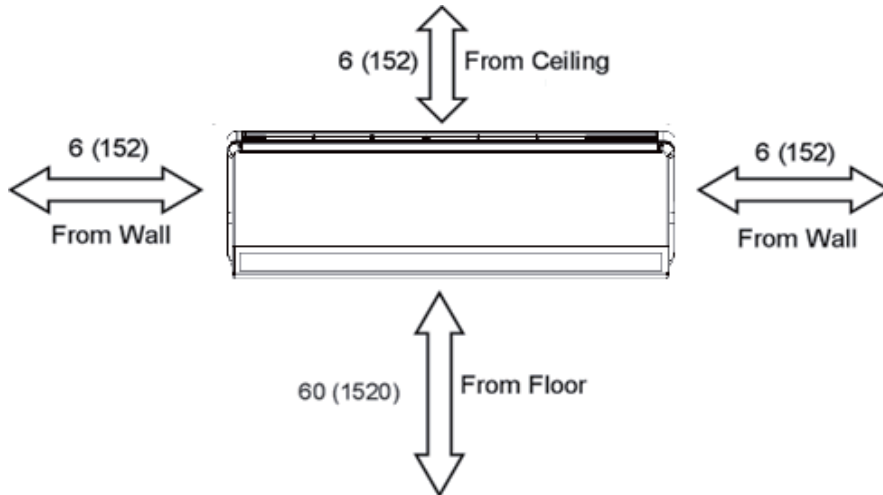
**DIMENSIONAL SPECIFICATIONS**

**KW09HQ3B8A**

**MINIMUM SPACING REQUIREMENTS**

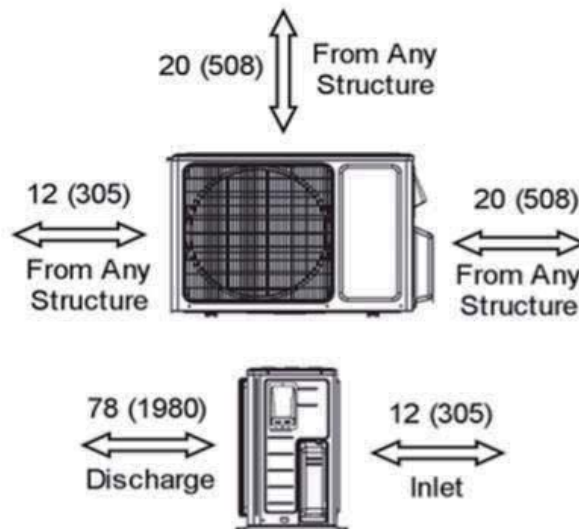
Units: inch (mm)

**INDOOR**



Units: inch (mm)

**OUTDOOR**





<b>COOLING PERFORMANCE (BtuH)*</b>						
<b>Outdoor Ambient Temperature (DB) °F</b>	<b>Indoor Entering Air Temperatures</b>					
	<b>68°F DB</b>		<b>74°F DB</b>		<b>80°F DB</b>	
	<b>57°F WB</b>		<b>61°FWB</b>		<b>67°FWB</b>	
	<b>TC</b>	<b>SHC</b>	<b>TC</b>	<b>SHC</b>	<b>TC</b>	<b>SHC</b>
0°F	5596	4057	5890	4270	6200	4495
5°F	6567	4794	6913	5046	7276	5312
17°F	6735	4950	7090	5211	7463	5485
23°F	6908	5112	7272	5381	7654	5664
32°F	7085	5278	7458	5556	7851	5849
41°F	7267	5450	7649	5737	8052	6039
50°F	7453	5627	7845	5923	8258	6235
57°F	7644	5810	8047	6115	8470	6437
67°F	7840	5998	8253	6313	8687	6646
75°F	8041	6192	8465	6518	8910	6861
86°F	8407	6515	8849	6858	9315	7219
95°F	8123	6336	8550	6669	9000	7020
104°F	7919	6217	8336	6544	8775	6888
113°F	7721	6100	8128	6421	8556	6759
122°F	/	/	/	/	/	/
129°F	/	/	/	/	/	/

<b>HEATING PERFORMANCE (BtuH)*</b>						
<b>Outdoor Ambient Temperature (DB)</b>	<b>Indoor Entering Air Temperatures</b>					
	<b>68°F DB</b>		<b>70°F DB</b>		<b>80°F DB</b>	
	<b>57°FWB</b>		<b>60°FWB</b>		<b>67°FWB</b>	
	<b>TC</b>	<b>SHC</b>	<b>TC</b>	<b>SHC</b>	<b>TC</b>	<b>SHC</b>
-31°F	/		/		/	
-22°F	4365		4269		4043	
-13°F	4458		4365		4149	
-5°F	4501		4458		4247	
0°F	4878		4832		4599	
5°F	5146		5000		4851	
10°F	5360		5308		5054	
17°F	5522		5400		5205	
20°F	6048		6432		5702	
24°F	6832		7323		6900	
32°F	8455		8539		7675	
41°F	9595		9706		9133	
43°F	9754		9813		9428	
47°F	9691		9600		9109	
53°F	9383		9494		8921	
59°F	9215		9328		8753	
64°F	8789		8901		8325	
70°F	8469		8581		8005	
75°F	8042		8154		7578	
78°F	7828		7941		7365	

\* Maximum system capacity

TC- Total Capacity ( BtuH)  
SHC- Sensible Capacity (BtuH)

**SPLIT TYPE**
**LILAC**

**Model:**  
**KW12HQ3B8A**



Item	Unit	Specification
ODU Model	—	KW12HQ3B8AO
IDU Model	—	KW12HQ3B8AI
<b>System Ratings</b>		
Cooling Capacity	Btu/h	12,000
Heating Capacity (47°F)	Btu/h	13,000
Heating Capacity (17°F)	Btu/h	7,500
Cooling Capacity Range	Btu/h	3,753-12,500
Heating Capacity Range	Btu/h	3,412-15,013
Cooling Power Input (Max)	W	1,300
Heating Power Input (Max)	W	1,350
SEER	—	18.0
HSPF	—	9.0
EER	W/W	10.05
COP	W/W	3.05
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	31.8
Additional Charge	oz/ft	0.2
Pre-Charge Length	ft.	25
MAX Refrigerant Length	ft.	99
Min Refrigerant Pipe Length	ft.	10
MAX Refrigerant Pipe Elevation	ft.	49
<b>Indoor Unit Data</b>		
Fan Motor Power Output	W	20
Fan Motor FLA	A	0.25
Air Flow Volume	CFM	194/400
Sound Pressure Level	dB(A)	29/43
Dehumidication	pt/hr	2.69
Power Supply	—	115V / 1Ph / 60Hz
Min/Max Voltage	V	103 - 127
MCA	A	20.0
MOCP/Breaker Size	A	30.0
<b>Outdoor Unit Data</b>		
Compressor Type	—	DC Inverter Rotary
Compressor RLA	A	15.23
Refrigerant Type	—	R410A
Fan Motor Power Output	W	30
Fan Motor FLA	A	0.23
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	20.0
MOCP/Breaker Size	A	30.0

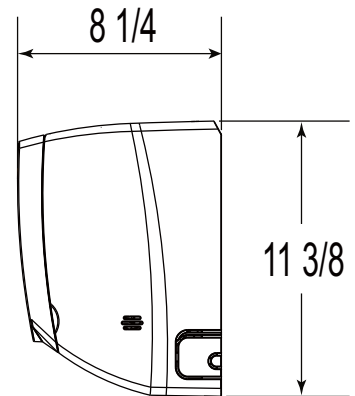
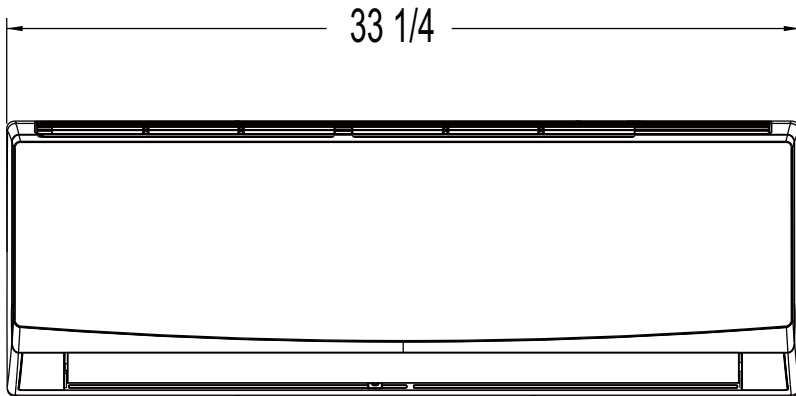
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**Schedule Reference:**

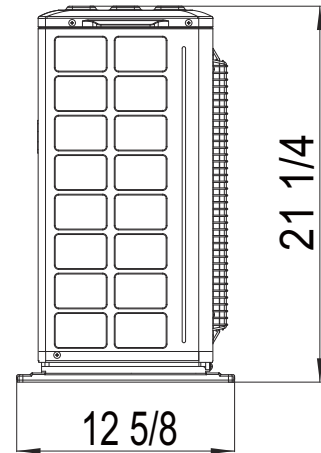
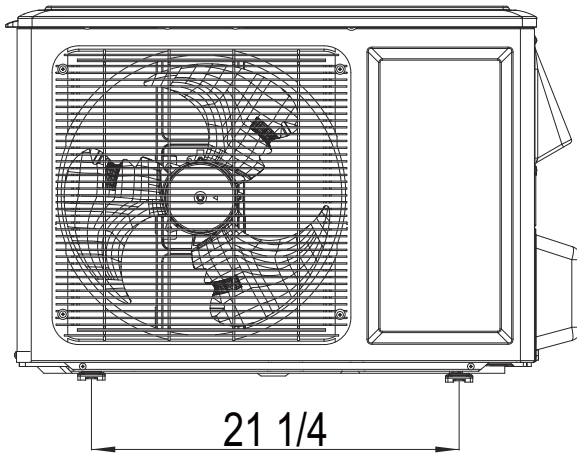
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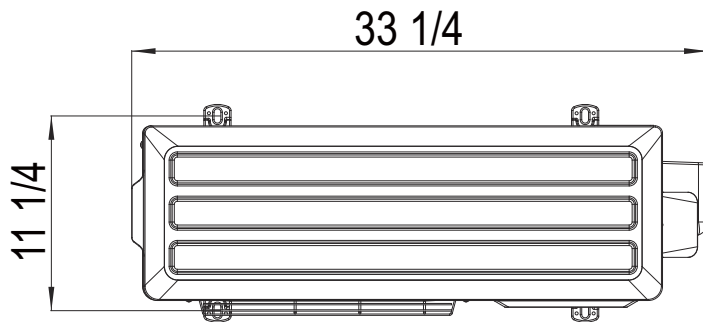
Outline and Physical Dimension of KW12HQ3B8A.



Units: inc<sup>o</sup>



Units: inc<sup>o</sup>



Net Weight IDU	lb	23.2
Gross Weight IDU	lb	27.6
Net Weight ODU	lb	67.3
Gross Weight ODU	lb	72.8





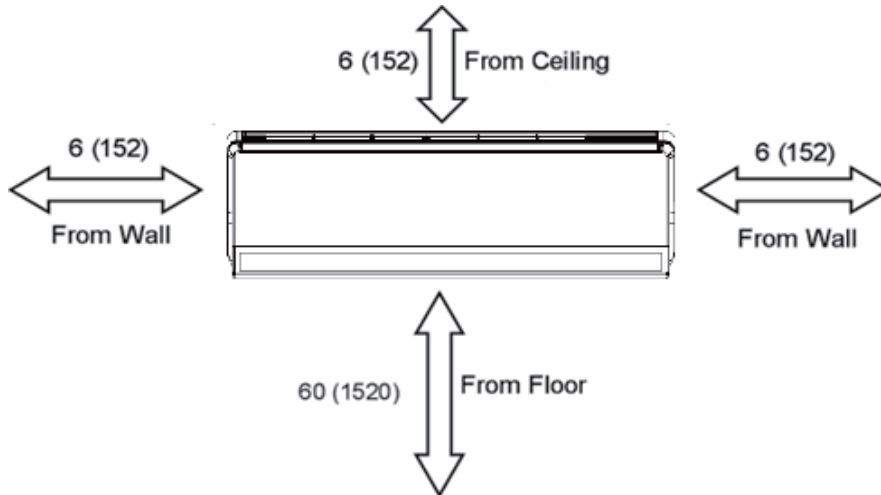
**DIMENSIONAL SPECIFICATIONS**

**KW12HQ3B8A**

**MINIMUM SPACING REQUIREMENTS**

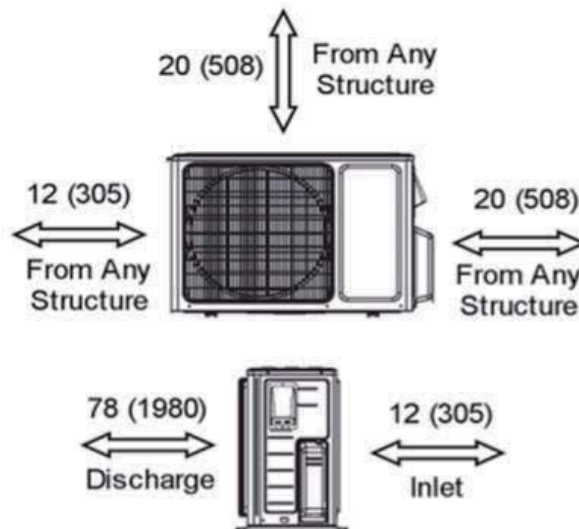
Units: inch (mm)

**INDOOR**



Units: inch (mm)

**OUTDOOR**





COOLING PERFORMANCE (BtuH)*						
Outdoor Ambient Temperature (DB) °F	Indoor Entering Air Temperatures					
	68F DB		74°F DB		80°F DB	
	57F WB		61°F WB		67°F WB	
	TC	SHC	TC	SHC	TC	SHC
0°F	6370	4618	6705	4861	7058	5117
5°F	6785	4953	7142	5213	7518	5488
17°F	7710	5667	8116	5965	8543	6279
23°F	8116	6005	8543	6322	8992	6654
32°F	9017	6718	9492	7071	9991	7444
41°F	9492	7119	9991	7494	10517	7888
50°F	9785	7388	10300	7777	10843	8186
57°F	10088	7667	10619	8070	11178	8495
67°F	10400	7956	10947	8374	11523	8815
75°F	10722	8256	11286	8690	11880	9148
86°F	11155	8645	11742	9100	12360	9579
95°F	10830	8447	11400	8892	12000	9360
104°F	10505	8247	11058	8681	11640	9137
113°F	10190	8050	10726	8474	11291	8920
122°F	/	/	/	/	/	/
129°F	/	/	/	/	/	/

HEATING PERFORMANCE (BtuH)*						
Outdoor Ambient Temperature (DB)	Indoor Entering Air Temperatures					
	68°F DB		70°F DB		80°F DB	
	57°F WB		60°F WB		67°F WB	
	TC	SHC	TC	SHC	TC	SHC
-31°F	/		/		/	
-22°F	6457		6389		6234	
-13°F	6798		6560		6448	
-5°F	6957		6685		6580	
0°F	7116		6926		6750	
5°F	7258		7000		6912	
10°F	8178		7236		7169	
17°F	8686		7500		7424	
20°F	9977		8797		8596	
24°F	10288		9258		9101	
32°F	12356		12294		10879	
41°F	13169		13063		12568	
43°F	13486		13311		12767	
47°F	13223		13000		12548	
53°F	12786		12622		12321	
59°F	12289		12203		12004	
64°F	11969		11874		11695	
70°F	11324		11188		10976	
75°F	11006		10615		10251	
78°F	10120		10040		9806	

\* Maximum system capacity

TC- Total Capacity ( BtuH)

SHC- Sensible Capacity (BtuH)

**SPLIT TYPE**
**LILAC**

**Model:**  
**KW09HQ3B8D**



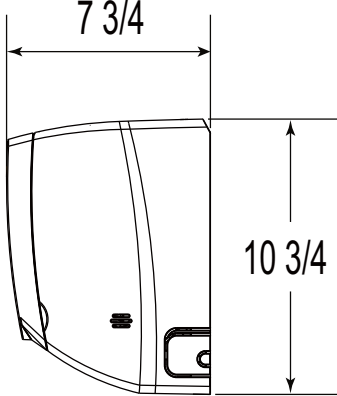
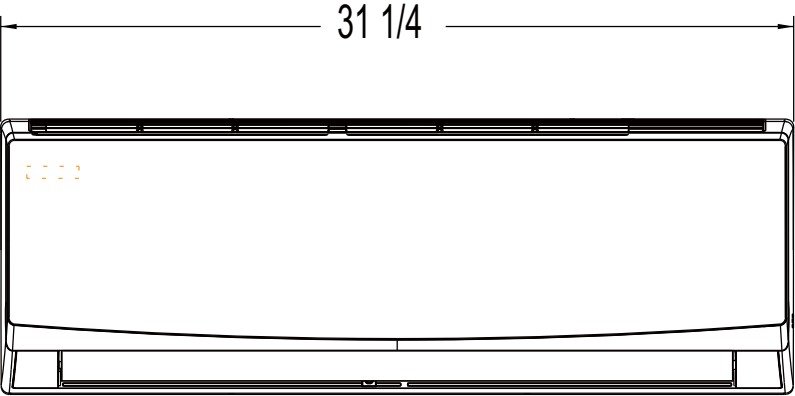
Item	Unit	Specification
ODU Model	—	KW09HQ3B8DO
IDU Model	—	KW09HQ3B8DI
<b>System Ratings</b>		
Cooling Capacity	Btu/h	9,000
Heating Capacity (47°F)	Btu/h	9,500
Heating Capacity (17°F)	Btu/h	5,800
Cooling Capacity Range	Btu/h	3,100-9,600
Heating Capacity Range	Btu/h	3,100-12,000
Cooling Power Input (Max)	W	1,300
Heating Power Input (Max)	W	1,350
SEER	—	18.0
HSPF	—	9.0
EER	W/W	10.6
COP	W/W	3.28
Cooling Operation Range	°F(°C)	0~115.0 (-18.0~46.0)
Heating Operation Range	°F(°C)	-13.0~75.0 (-25.0~24.0)
Gas Pipe Size (OD)	Inch	3/8
Liquid Pipe Size (OD)	Inch	1/4
Connection Method	—	Flared
Factory Charge	oz	24.7
Additional Charge	oz/ft	0.2
Pre-Charge Length	ft.	25
MAX Refrigerant Length	ft.	100
Min Refrigerant Pipe Length	ft.	10
MAX Refrigerant Pipe Elevation	ft.	65
<b>Indoor Unit Data</b>		
Fan Motor Power Output	W	20
Fan Motor FLA	A	0.22
Air Flow Volume	CFM	171/318
Sound Pressure Level	dB(A)	28/43
Dehumidication	pt/hr	1.69
Power Supply	—	208/230V / 1Ph / 60Hz
Min/Max Voltage	V	187-253
MCA	A	9.0
MOCP/Breaker Size	A	15.0
<b>Outdoor Unit Data</b>		
Compressor Type	—	DC Inverter Rotary
Compressor RLA	A	6.60
Refrigerant Type	—	R410A
Fan Motor Power Output	W	30
Fan Motor FLA	A	0.36
Sound Pressure Level	dB(A)	52
Power Supply	—	208/230V / 1Ph / 60Hz
Min/Max Voltage	V	187-253
Main Supply Wire Size	—	12-2 AWG
MCA	A	9.0
MOCP/Breaker Size	A	15.0

**Job Name:**

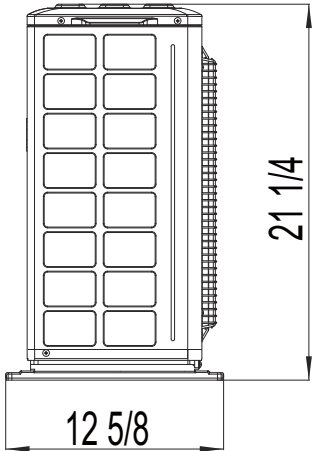
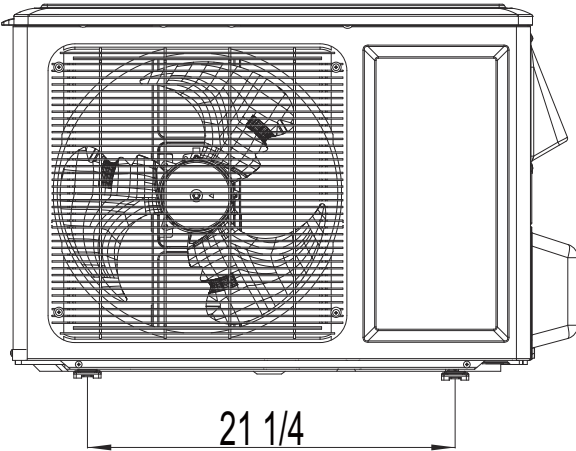
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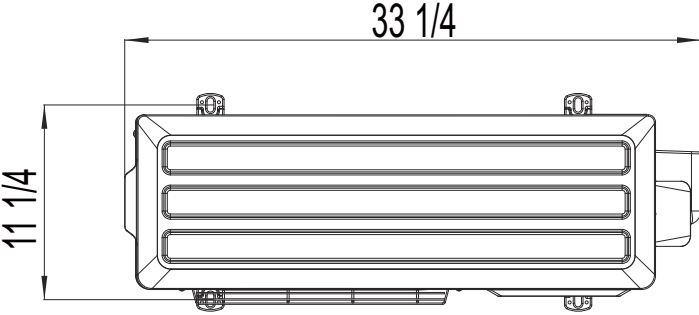
Outline and Physical Dimention of KW09HQ3B8D.



Units: inc



Units: inc



Net Weight IDU	lb	20.9
Gross Weight IDU	lb	25.4
Net Weight ODU	lb	63.9
Gross Weight ODU	lb	69.5



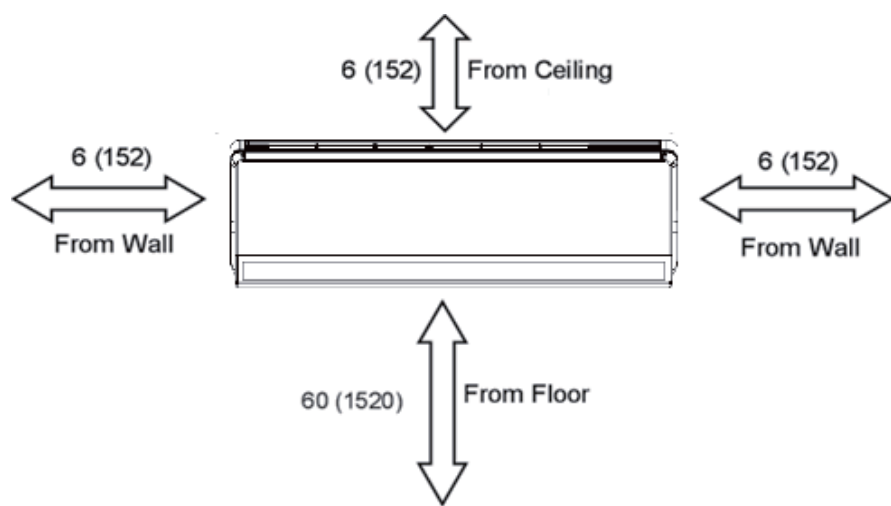
**DIMENSIONAL SPECIFICATIONS**

**KW09HQ3B8D**

**MINIMUM SPACING REQUIREMENTS**

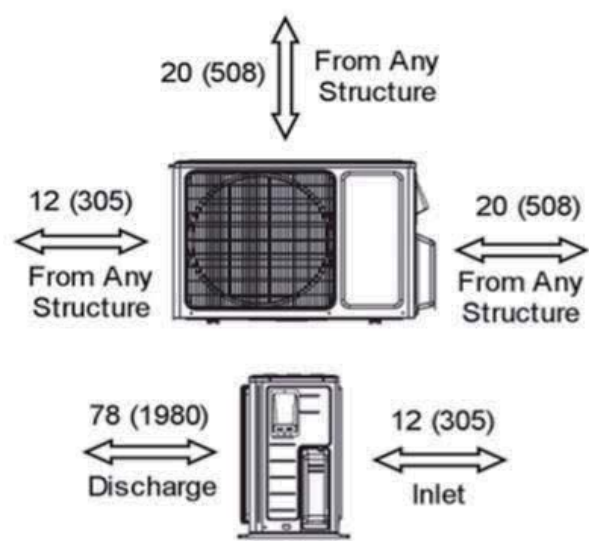
Units: inch (mm)

**INDOOR**



Units: inch (mm)

**OUTDOOR**



**COOLING PERFORMANCE (BtuH)\***

Outdoor Ambient Temperature (DB) °F	Indoor Entering Air Temperatures					
	68F DB		74°F DB		80°F DB	
	57F WB		61°FWB		67°FWB	
	TC	SHC	TC	SHC	TC	SHC
0°F	5617	4072	5913	4287	6224	4512
5°F	6302	4601	6634	4843	6983	5098
17°F	6497	4775	6839	5027	7199	5291
23°F	6698	4957	7051	5218	7422	5492
32°F	6905	5144	7269	5415	7651	5700
41°F	7119	5339	7494	5620	7888	5916
50°F	7339	5541	7725	5833	8132	6140
57°F	7566	5750	7964	6053	8383	6371
67°F	7800	5967	8211	6281	8643	6612
75°F	8041	6192	8465	6518	8910	6861
86°F	8366	6484	8807	6825	9270	7184
95°F	8123	6336	8550	6669	9000	7020
104°F	7879	6185	8294	6510	8730	6853
113°F	7642	6038	8045	6355	8468	6690
122°F	/	/	/	/	/	/
129°F	/	/	/	/	/	/

**HEATING PERFORMANCE (BtuH)\***

Outdoor Ambient Temperature (DB)	Indoor Entering Air Temperatures					
	68°F DB		70°F DB		80°F DB	
	57°FWB		60°FWB		67°FWB	
	TC	SHC	TC	SHC	TC	SHC
-31°F	/		/		/	
-22°F	4694		4590		4347	
-13°F	4794		4694		4461	
-5°F	4840		4794		4567	
0°F	5245		5196		4945	
5°F	5533		5300		5216	
10°F	5763		5708		5434	
17°F	5938		5800		5597	
20°F	6171		6563		5818	
24°F	6866		7212		6935	
32°F	8413		8497		7637	
41°F	9547		9658		9088	
43°F	9657		9716		9335	
47°F	9595		9500		9019	
53°F	9336		9447		8877	
59°F	9124		9236		8666	
64°F	8702		8813		8243	
70°F	8385		8496		7926	
75°F	7962		8073		7503	
78°F	7750		7862		7292	

\* Maximum system capacity

TC- Total Capacity ( BtuH)  
 SHC- Sensible Capacity (BtuH)

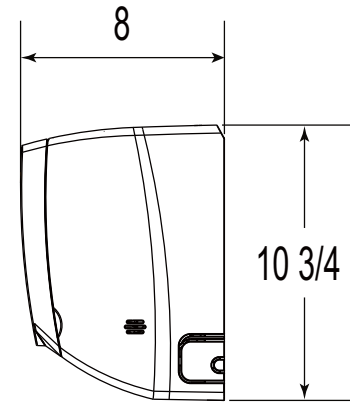
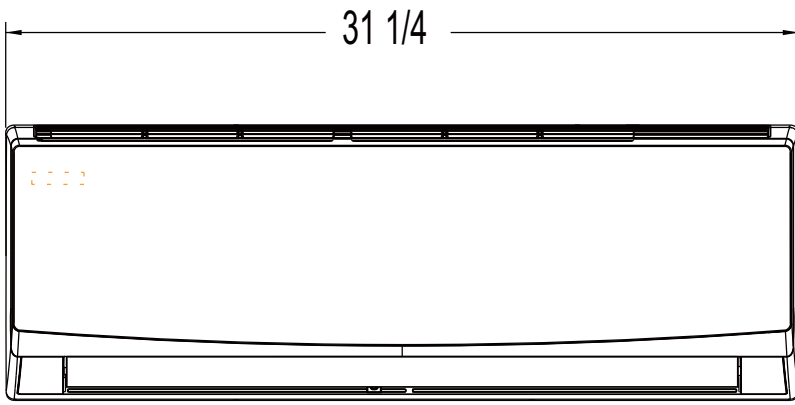
**SPLIT TYPE**
**LILAC**
**Model:  
KW12HQ3B8D**


Item	Unit	Specification
ODU Model	—	KW12HQ3B8DO
IDU Model	—	KW12HQ3B8DI
<b>System Ratings</b>		
Cooling Capacity	Btu/h	12,000
Heating Capacity (47°F)	Btu/h	13,000
Heating Capacity (17°F)	Btu/h	7,500
Cooling Capacity Range	Btu/h	3,753-12,500
Heating Capacity Range	Btu/h	3,924-14,000
Cooling Power Input (Max)	W	1,350
Heating Power Input (Max)	W	1,500
SEER	—	18.0
HSPF	—	9.0
EER	W/W	10.4
COP	W/W	3.05
Cooling Operation Range	°F(°C)	0~115.0 (-18.0~46.0)
Heating Operation Range	°F(°C)	-13.0~75.0 (-25.0~24.0)
Gas Pipe Size (OD)	Inch	3/8
Liquid Pipe Size (OD)	Inch	1/4
Connection Method	—	Flared
Factory Charge	oz	31.8
Additional Charge	oz/ft	0.2
Pre-Charge Length	ft.	25
MAX Refrigerant Length	ft.	100
Min Refrigerant Pipe Length	ft.	10
MAX Refrigerant Pipe Elevation	ft.	65
<b>Indoor Unit Data</b>		
Fan Motor Power Output	W	20
Fan Motor FLA	A	0.31
Air Flow Volume	CFM	194/400
Sound Pressure Level	dB(A)	29/43
Dehumidication	pt/hr	2.69
Power Supply	—	208/230V / 1Ph / 60Hz
Min/Max Voltage	V	187-253
MCA	A	9.0
MOCP/Breaker Size	A	15.0
<b>Outdoor Unit Data</b>		
Compressor Type	—	DC Inverter Rotary
Compressor RLA	A	6.60
Refrigerant Type	—	R410A
Fan Motor Power Output	W	30
Fan Motor FLA	A	0.37
Sound Pressure Level	dB(A)	53
Power Supply	—	208/230V / 1Ph / 60Hz
Min/Max Voltage	V	187-253
Main Supply Wire Size	—	12-2 AWG
MCA	A	9.0
MOCP/Breaker Size	A	15.0

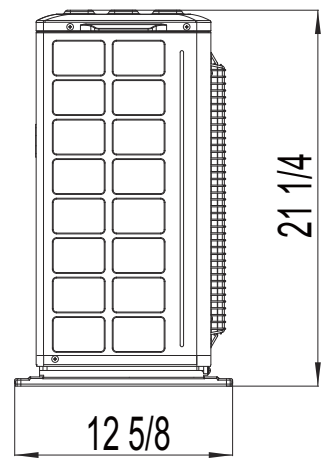
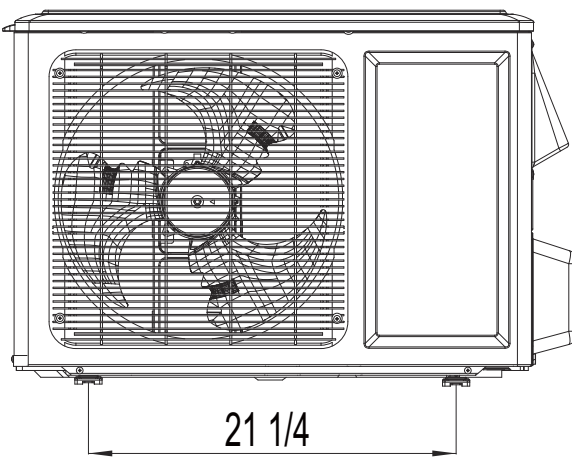
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**Schedule Reference:**
**Date:**



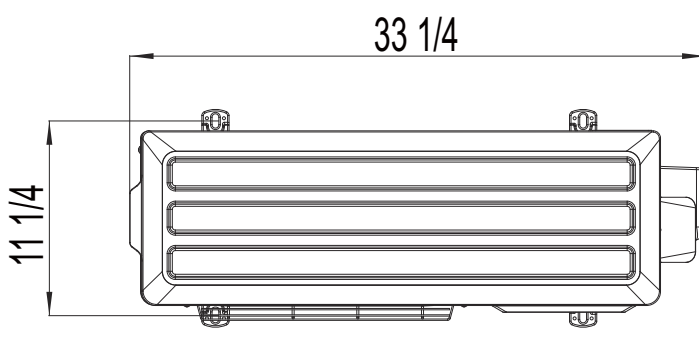
Outline and Physical Dimention of KW12HQ3B8D.



Units: inc



Units: inc



Net Weight IDU	lb	23.2
Gross Weight IDU	lb	27.6
Net Weight ODU	lb	69.5
Gross Weight ODU	lb	75





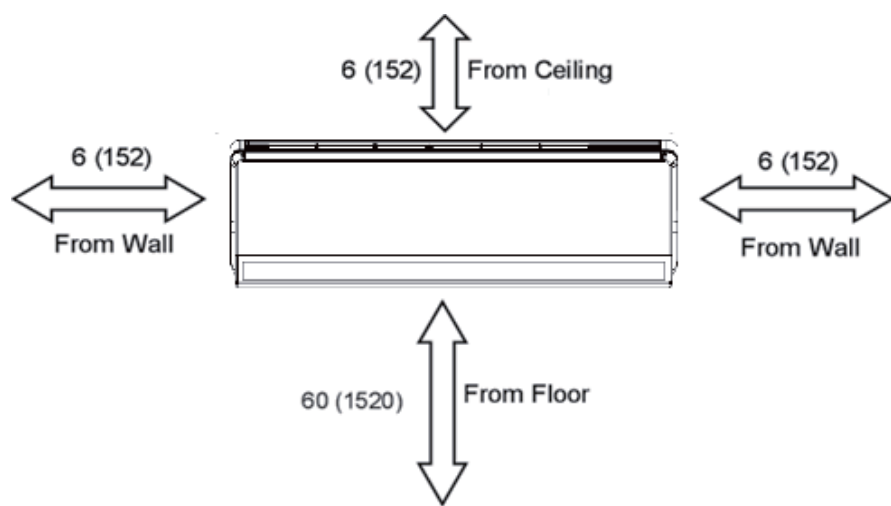
**DIMENSIONAL SPECIFICATIONS**

**KW12HQ3B8D**

**MINIMUM SPACING REQUIREMENTS**

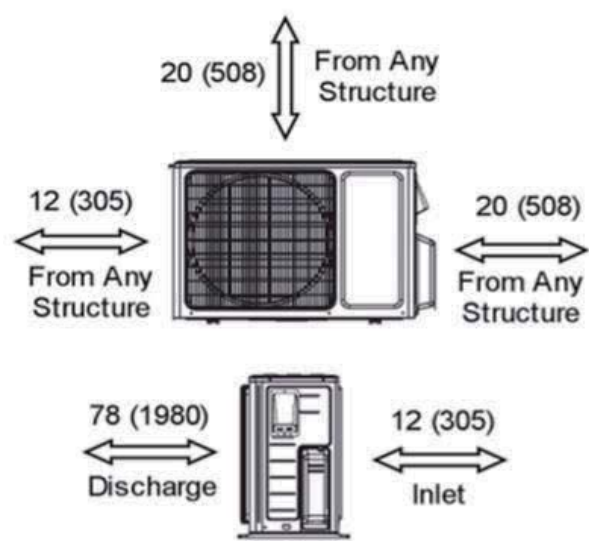
Units: inch (mm)

**INDOOR**



Units: inch (mm)

**OUTDOOR**





COOLING PERFORMANCE (BtuH)*						
Outdoor Ambient Temperature (DB) °F	Indoor Entering Air Temperatures					
	68°F DB		74°F DB		80°F DB	
	57°F WB		61°FWB		67°FWB	
	TC	SHC	TC	SHC	TC	SHC
0°F	6113	4432	6435	4665	6774	4911
5°F	6785	4953	7142	5214	7518	5488
17°F	7710	5667	8116	5965	8543	6279
23°F	8116	6006	8543	6322	8993	6655
32°F	9018	6718	9492	7072	9992	7444
41°F	9492	7119	9992	7494	10518	7888
50°F	9816	7411	10333	7801	10876	8212
57°F	10140	7706	10674	8112	11236	8539
67°F	10450	7994	11000	8415	11579	8858
75°F	10738	8268	11303	8703	11898	9161
86°F	11245	8715	11837	9174	12460	9657
95°F	10830	8447	11400	8892	12000	9360
104°F	10559	8289	11115	8725	11700	9185
113°F	10242	8092	10782	8517	11349	8966
122°F	/	/	/	/	/	/
129°F	/	/	/	/	/	/

HEATING PERFORMANCE (BtuH)*						
Outdoor Ambient Temperature (DB)	Indoor Entering Air Temperatures					
	68°F DB		70°F DB		80°F DB	
	57°FWB		60°FWB		67°FWB	
	TC	SHC	TC	SHC	TC	SHC
-31°F	/		/		/	
-22°F	6647		6588		6384	
-13°F	6888		6740		6548	
-5°F	7063		6890		6788	
0°F	7216		7036		6970	
5°F	7369		7211		7021	
10°F	8278		7846		7698	
17°F	8606		8100		8013	
20°F	9985		8787		8596	
24°F	10268		9258		9101	
32°F	12367		12264		10888	
41°F	13189		13053		12576	
43°F	13486		13291		12797	
47°F	13316		13000		12618	
53°F	12886		12621		12401	
59°F	12299		12233		12084	
64°F	11979		11864		11735	
70°F	11304		11186		11076	
75°F	11086		10635		10361	
78°F	10160		10145		9904	

\* Maximum system capacity

TC- Total Capacity ( BtuH)  
 SHC- Sensible Capacity (BtuH)

**SPLIT TYPE**
**LILAC**

**Model:**  
**KW18HQ3B8D**



Item	Unit	Specification
ODU Model	—	KW18HQ3B8DO
IDU Model	—	KW18HQ3B8DI
<b>System Ratings</b>		
Cooling Capacity	Btu/h	18,000
Heating Capacity (47°F)	Btu/h	19,800
Heating Capacity (17°F)	Btu/h	11,300
Cooling Capacity Range	Btu/h	3,412-20,472
Heating Capacity Range	Btu/h	3,412-21,837
Cooling Power Input (Max)	W	2,350
Heating Power Input (Max)	W	2,350
SEER	—	18.0
HSPF	—	9.0
EER	W/W	9.89
COP	W/W	2.78
Cooling Operation Range	°F(°C)	0~115.0 (-18.0~46.0)
Heating Operation Range	°F(°C)	-13.0~75.0 (-25.0~24.0)
Gas Pipe Size (OD)	Inch	1/2
Liquid Pipe Size (OD)	Inch	1/4
Connection Method	—	Flared
Factory Charge	oz	45.86
Additional Charge	oz/ft	0.2
Pre-Charge Length	ft.	25
MAX Refrigerant Length	ft.	100
Min Refrigerant Pipe Length	ft.	10
MAX Refrigerant Pipe Elevation	ft.	65
<b>Indoor Unit Data</b>		
Fan Motor Power Output	W	35
Fan Motor FLA	A	0.37
Air Flow Volume	CFM	294/500
Sound Pressure Level	dB(A)	35/47
Dehumidication	pt/hr	3.80
Power Supply	—	208/230V / 1Ph / 60Hz
Min/Max Voltage	V	187-253
MCA	A	16.0
MOCP/Breaker Size	A	25.0
<b>Outdoor Unit Data</b>		
Compressor Type	—	DC Inverter Rotary
Compressor RLA	A	12.08
Refrigerant Type	—	R410A
Fan Motor Power Output	W	57
Fan Motor FLA	A	0.52
Sound Pressure Level	dB(A)	53
Power Supply	—	208/230V / 1Ph / 60Hz
Min/Max Voltage	V	187-253
Main Supply Wire Size	—	12-2 AWG
MCA	A	16.0
MOCP/Breaker Size	A	25.0

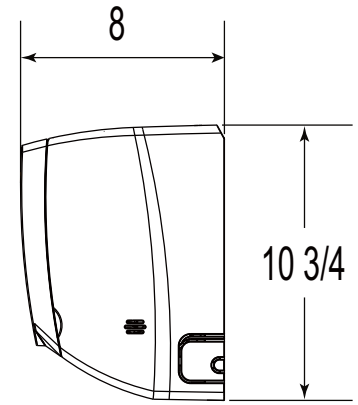
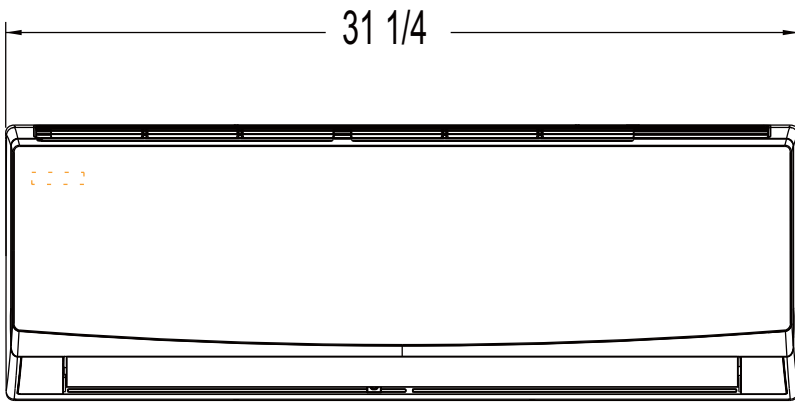
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**Schedule Reference:**

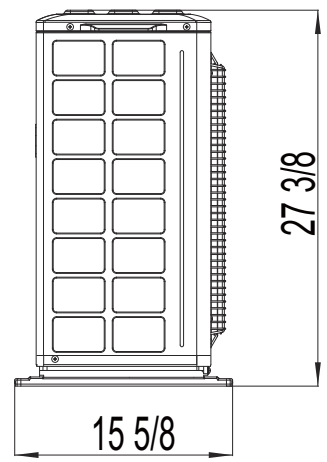
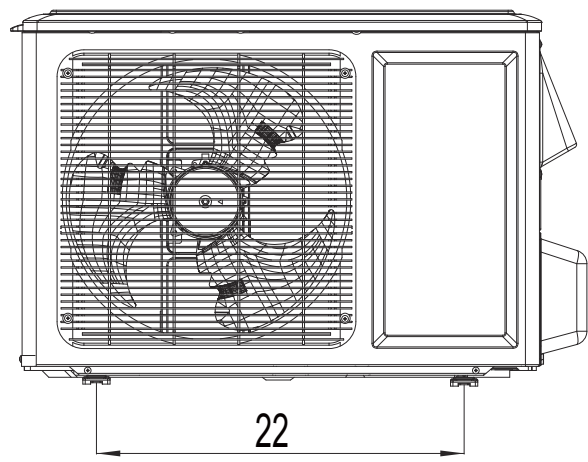
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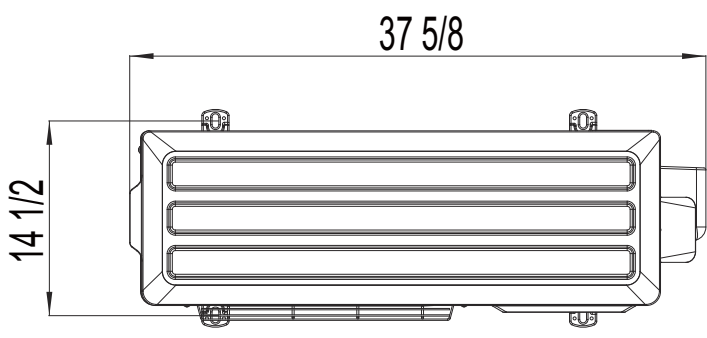
Outline and Physical Dimension of KW18HQ3B8D.



Units: inc



Units: inc



Net Weight IDU	lb	30.9
Gross Weight IDU	lb	37.5
Net Weight ODU	lb	97
Gross Weight ODU	lb	106.9





**KINGHOME**

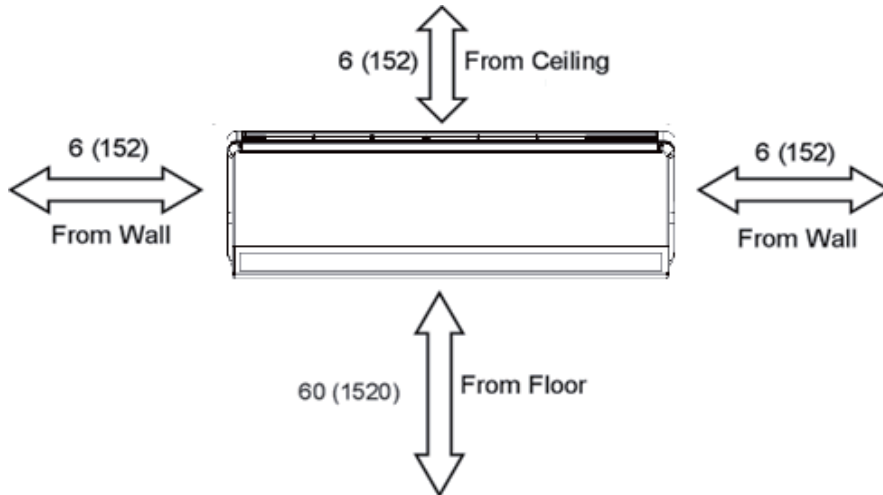
**DIMENSIONAL SPECIFICATIONS**

**KW18HQ3B8D**

**MINIMUM SPACING REQUIREMENTS**

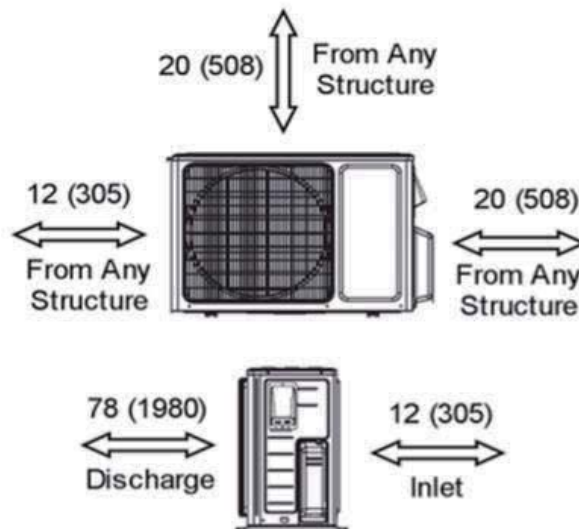
Units: inch (mm)

**INDOOR**



Units: inch (mm)

**OUTDOOR**



COOLING PERFORMANCE (BtuH)*						
Outdoor Ambient Temperature (DB) °F	Indoor Entering Air Temperatures					
	68F DB		74°F DB		80°F DB	
	57F WB		61°F WB		67°F WB	
	TC	SHC	TC	SHC	TC	SHC
0°F	7220	5234	7600	5510	8000	5800
5°F	8212	5995	8645	6310	9100	6643
17°F	9205	6765	9690	7122	10200	7497
23°F	10505	7773	11058	8182	11640	8613
32°F	10902	8121	11476	8549	12080	8999
41°F	14384	10788	15141	11355	15938	11953
50°F	14828	11195	15609	11784	16431	12405
57°F	15286	11617	16091	12229	16938	12872
67°F	15759	12056	16589	12690	17463	13359
75°F	16083	12383	16929	13035	17820	13721
86°F	16732	12967	17613	13650	18540	14368
95°F	16245	12671	17100	13338	18000	14040
104°F	15920	12497	16758	13155	17640	13847
113°F	15442	12199	16255	12841	17110	13517
122°F	/	/	/	/	/	/
129°F	/	/	/	/	/	/

HEATING PERFORMANCE (BtuH)*						
Outdoor Ambient Temperature (DB)	Indoor Entering Air Temperatures					
	68°F DB		70°F DB		80°F DB	
	57°F WB		60°F WB		67°F WB	
	TC	SHC	TC	SHC	TC	SHC
-31°F	/	/	/	/	/	/
-22°F	8172		7064		7870	
-13°F	9281		8157		8784	
-5°F	11686		10526		10938	
0°F	12203		11035		11531	
5°F	13484		12297		12610	
10°F	14013		12818		13232	
17°F	15416		11300		14551	
20°F	16504		16349		15884	
24°F	17306		17143		16654	
32°F	17974		17804		17295	
41°F	18934		18755		18217	
43°F	19748		19561		18998	
47°F	19980		19800		18455	
53°F	17574		17398		17871	
59°F	17043		16873		16361	
64°F	16207		16045		15559	
70°F	15279		15126		14668	
75°F	14379		14235		13804	
78°F	13964		13824		13405	

\* Maximum system capacity

TC- Total Capacity ( BtuH)  
 SHC- Sensible Capacity (BtuH)

**SPLIT TYPE**

**LILAC**

**Model:  
KW24HQ3B8D**



Item	Unit	Specification
ODU Model	—	KW24HQ3B8DO
IDU Model	—	KW24HQ3B8DI
<b>System Ratings</b>		
Cooling Capacity	Btu/h	22,000
Heating Capacity (47°F)	Btu/h	24,000
Heating Capacity (17°F)	Btu/h	16,000
Cooling Capacity Range	Btu/h	8,600-24,000
Heating Capacity Range	Btu/h	8,600-26,000
Cooling Power Input (Max)	W	2,700
Heating Power Input (Max)	W	2,750
SEER	—	18.0
HSPF	—	10.0
EER	W/W	10.95
COP	W/W	3.30
Cooling Operation Range	°F (°C)	0~115.0 (-18.0~46.0)
Heating Operation Range	°F (°C)	-13.0~75.0 (-25.0~24.0)
Gas Pipe Size (OD)	Inch	5/8
Liquid Pipe Size (OD)	Inch	1/4
Connection Method	—	Flared
Factory Charge	oz	56.4
Additional Charge	oz/ft	0.54
Pre-Charge Length	ft.	25
MAX Refrigerant Length	ft.	100
Min Refrigerant Pipe Length	ft.	10
MAX Refrigerant Pipe Elevation	ft.	65.6
<b>Indoor Unit Data</b>		
Fan Motor Power Output	W	35
Fan Motor FLA	A	0.32
Air Flow Volume	CFM	375/706
Sound Pressure Level	dB(A)	36/49
Dehumidication	pt/hr	4.23
Power Supply	—	208/230V / 1Ph / 60Hz
Min/Max Voltage	V	187-253
MCA	A	16.0
MOCP/Breaker Size	A	25.0
<b>Outdoor Unit Data</b>		
Compressor Type	—	DC Inverter Rotary
Compressor RLA	A	12.18
Refrigerant Type	—	R410A
Fan Motor Power Output	W	60
Fan Motor FLA	A	0.40
Sound Pressure Level	dB(A)	58
Power Supply	—	208/230V / 1Ph / 60Hz
Min/Max Voltage	V	187-253
Main Supply Wire Size	—	12-2 AWG
MCA	A	16.0
MOCP/Breaker Size	A	25.0

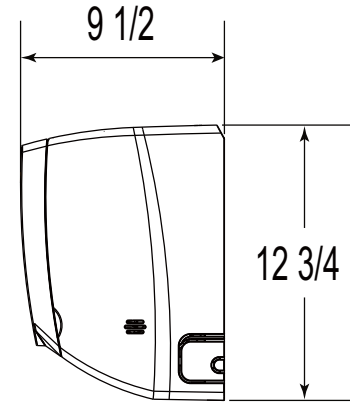
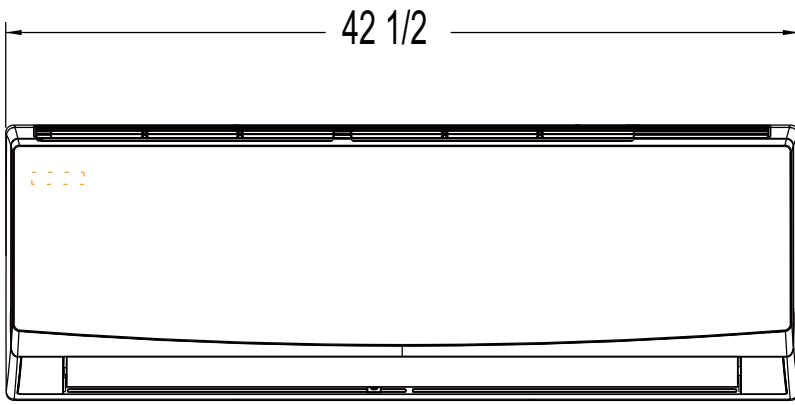
**Job Name:**

**Schedule Reference:**

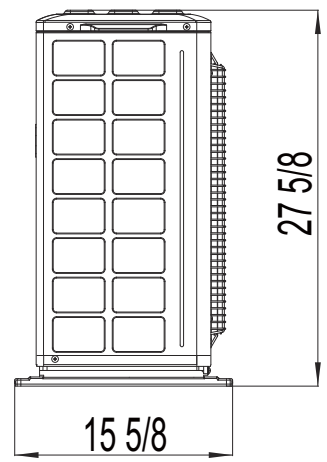
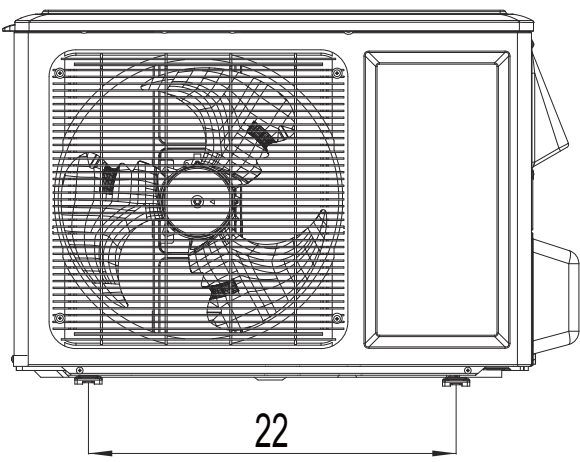
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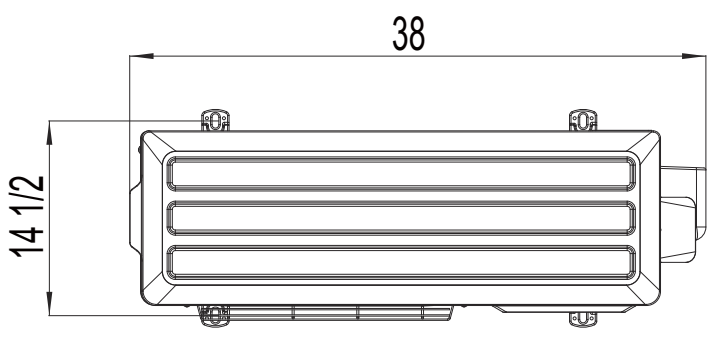
Outline and Physical Dimension of KW24HQ3B8D.



Units: inc



Units: inc



Net Weight IDU	lb	37.5
Gross Weight IDU	lb	45.2
Net Weight ODU	lb	103.6
Gross Weight ODU	lb	113.6





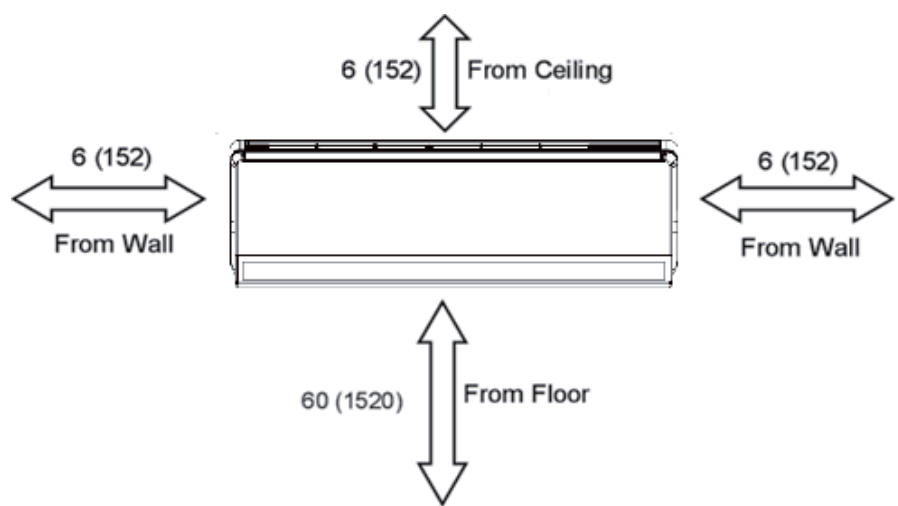
**DIMENSIONAL SPECIFICATIONS**

**KW24HQ3B8D**

**MINIMUM SPACING REQUIREMENTS**

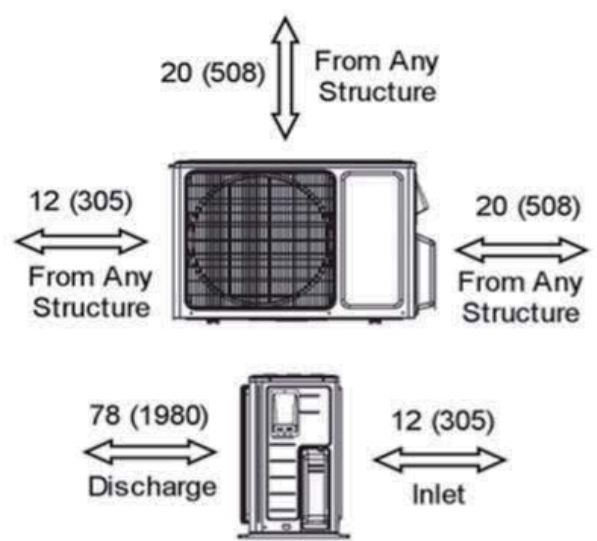
Units: inch (mm)

**INDOOR**



Units: inch (mm)

**OUTDOOR**







**KINGHOME**

**COOLING PERFORMANCE (BtuH)\***

Outdoor Ambient Temperature (DB) °F	Indoor Entering Air Temperatures					
	68F DB (20°C )		74°F DB (23.3°C )		80°F DB (26.7°C )	
	57F WB (13.9°C )		61°F WB (16.1°C )		67°F WB (19.4°C )	
	TC	SHC	TC	SHC	TC	SHC
0°F	7480	5423	9240	6699	11000	7975
5°F	8580	6263	10340	7548	12100	8833
17°F	9680	7115	11440	8408	13200	9702
23°F	10120	7489	11880	8791	13640	10094
32°F	10560	7867	12320	9178	14080	10490
41°F	11880	8910	13640	10230	15400	11550
50°F	13200	9966	14960	11295	16720	12624
57°F	14080	10701	15840	12038	17600	13376
67°F	14740	11276	16500	12623	18260	13969
75°F	18280	14030	20110	15385	21800	16740
86°F	20460	15857	22220	17221	23980	18585
95°F	18480	14414	20240	15787	22000	17160
104°F	16280	12780	18040	14161	19800	15543
113°F	14960	11818	16720	13209	18480	14599
122°F	/	/	/	/	/	/
129°F	/	/	/	/	/	/

**HEATING PERFORMANCE (BtuH)\***

Outdoor Ambient Temperature (DB)	Indoor Entering Air Temperatures					
	68°F DB (20°C )		70°F DB (21.1°C )		80°F DB (26.7°C )	
	57°F WB (13.9°C )		60°F WB (15.6°C )		67°F WB (19.4°C )	
	TC	SHC	TC	SHC	TC	SHC
-31°F	/	/	/	/	/	/
-22°F	10000		9640		9280	
-13°F	10680		10320		9960	
-5°F	11880		11520		11160	
0°F	13560		13200		12840	
5°F	14280		13920		13560	
10°F	14760		14400		14040	
17°F	16360		16000		15640	
20°F	17160		16800		16440	
24°F	19560		19200		18840	
32°F	21480		21120		20760	
41°F	23160		22800		22440	
43°F	24840		24480		24120	
47°F	24302		24000		23794	
53°F	23490		23188		22981	
59°F	22780		22498		22322	
64°F	21662		21460		21153	
70°F	20422		20180		19954	
75°F	19219		18967		18761	
78°F	18665		18230		17928	

\* Maximum system capacity

TC- Total Capacity ( BtuH)  
SHC- Sensible Capacity (BtuH)