

SPLIT TYPE // 18SEER MINI SPLIT-SILENIGHT SERIES

**Model:
LBH12AS**

Specifications	Unit	Parameter
ODU Model	-	LBH12ASO
IDU Model	-	LBH12ASI
System Ratings		
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
HSPF	-	9
EER	(Btu/h)/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)	-4.0~75.0(-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.	24.6
MAX Refrigerant Length	ft.	98.4
Min Refrigerant Pipe Length	ft.	10
MAX Refrigerant Pipe Elevation	ft.	49.2
Indoor Unit Data		
Fan Motor Power Output	W	20
Fan Motor RLA	A	0.25
Air Flow Volume	CFM	194-400
Sound Pressure Level	dB(A)	29-43
Dehumidification	pt / hr	2.96
Power Supply	-	115V / 1Ph / 60Hz
Min/Max Voltage	V	103-127
MCA	A	20
MOCP/Breaker Size	A	30
Outdoor Unit Data		
Compressor Type	-	DC Inverter Rotary
Compressor RLA	A	15.23
Refrigerant Type	-	R410A
Fan Motor Power Output	W	30
Fan Motor RLA	A	0.23
Sound Pressure Level	dB(A)	53
Power Supply	-	115V / 1Ph / 60Hz
Min/Max Voltage	V	103-127
Main Supply Wire Size	mm ²	3.3mm ² (AWG12)
MCA	A	20
MOCP/Breaker Size	A	30

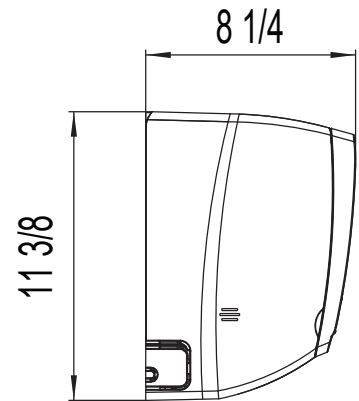
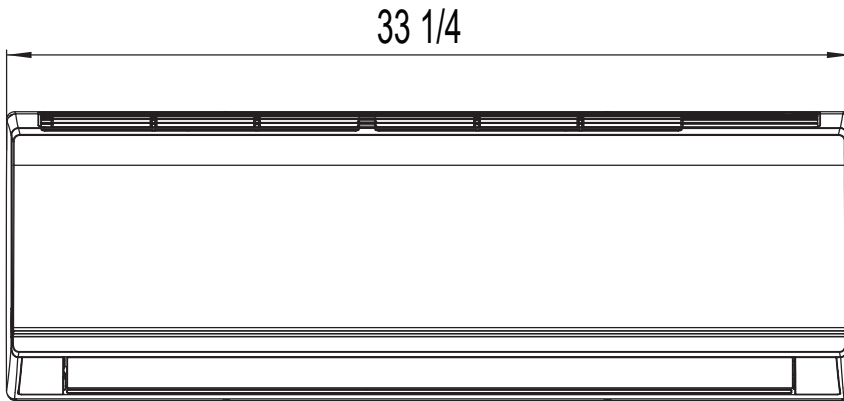


Job Name:

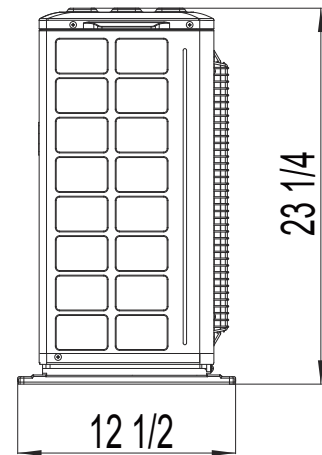
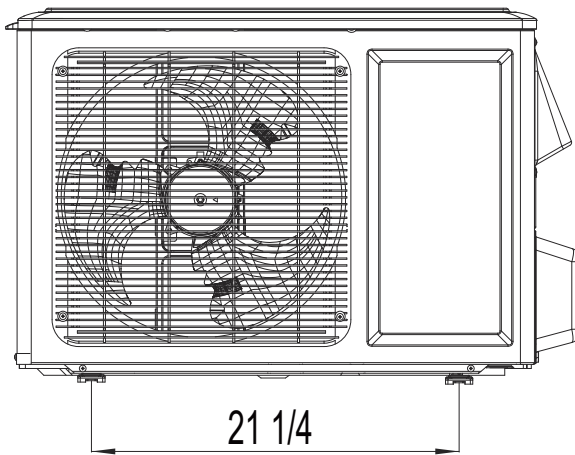
Schedule Reference:

Date:

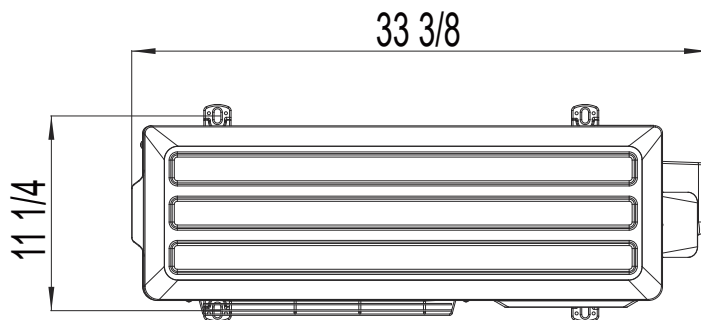
Outline and Physical Dimension of LBH12AS.



Units: inch



Units: inch



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



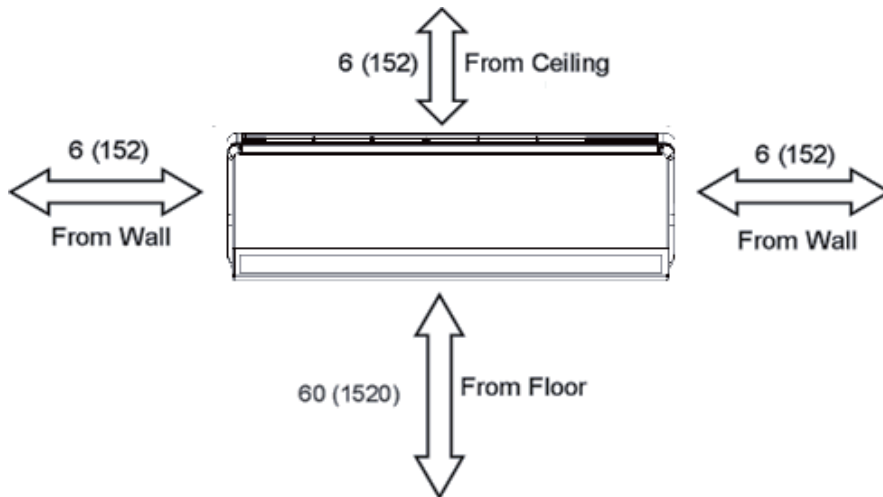
DIMENSIONAL SPECIFICATIONS

LBH12AS

MINIMUM SPACING REQUIREMENTS

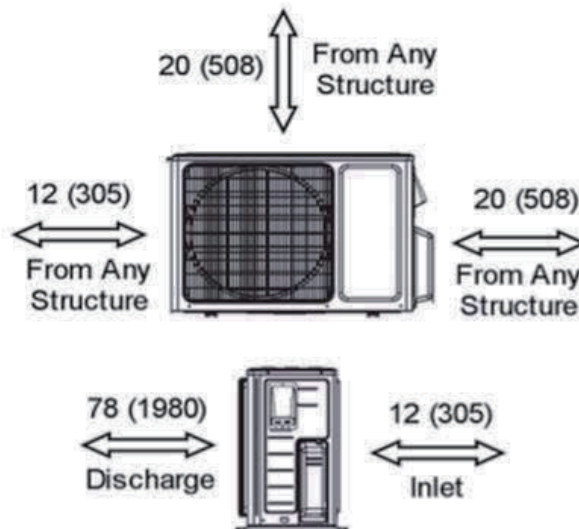
Units: inch (mm)

INDOOR



Units: inch (mm)

OUTDOOR



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Outdoor Ambient Temperature (DB) °F	Indoor Entering Air Temperatures					
	68°F DB (20°C)		74°F DB (23.3°C)		80°F DB (26.7°C)	
	57°F WB (13.9°C)		61°F WB (16.1°C)		67°F WB (19.4°C)	
	TC	SHC	TC	SHC	TC	SHC
0°F	4920	3567	5520	4002	6000	4350
5°F	5160	3767	5760	4205	6240	4555
17°F	5520	4057	6120	4498	6600	4851
23°F	6120	4529	6720	4973	7200	5328
32°F	6600	4917	7200	5364	7680	5722
41°F	7320	5490	7920	5940	8400	6300
50°F	8040	6070	8640	6523	9120	6886
57°F	8640	6566	9240	7022	9720	7387
67°F	9960	7619	10560	8078	11040	8446
75°F	11040	8501	11640	8963	12120	9332
86°F	12000	9300	12600	9765	13080	10137
95°F	10920	8518	11520	8986	12000	9360
104°F	9720	7630	10320	8101	10800	8478
115°F	9000	7110	9600	7584	10080	7963

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
-4°F	5980		6240		6890	
0°F	8190		8450		9100	
5°F	9490		9750		10400	
10°F	10140		10400		11050	
17°F	11310		11570		12220	
20°F	11440		11700		12350	
24°F	11570		11830		12480	
32°F	11830		12090		12740	
41°F	12090		12350		13000	
43°F	12480		12740		13390	
47°F	12740		13000		13650	
53°F	13780		14040		14690	
59°F	14690		14950		15600	
64°F	14040		14300		14950	
70°F	13520		13780		14430	
75°F	12610		12870		13520	

* Maximum system capacity

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