SUBMITTAL DATA – AIR HANDLER
LISC048060-200U432 - LIAH048-200U432-1
INVERTER SINGLE ZONE SPLIT COOLING ONLY

Job:	Engineer:
Location:	Architect:
Schedule No.:	Date:
System Designation:	

FEATURES

Outdoor Unit: **LISC048060-200U432**
Outdoor Unit Cat Number: **21H88**



- Full DC inverter
- 24V control
- Compact side discharge design
- Golden fin
- Dual-rated capacity unit
- Defrosting Technology
- Intelligent Protection Functions

Indoor Unit: **LIAH048-200U432-1**
Indoor Unit Cat Number: **24C82**



- High Static Pressure Fan
- Fire-proof Electrical Box Design
- Anti-Electric Shock Design
- Metal Filter
- DC Fan Motor
- Low Noise
- Multi-Position

PIPING

Line Set and Elevation Guidelines	
Maximum Line Set Length ft. (m)	100 ft. (30 m)
Maximum Elevation - Outdoor Unit Below/Above Indoor Unit ft. (m)	50 ft. (15 m)
Liquid Line Set Diameter (in.)	3/8"
Gas Line Set Diameter (in.)	3/4”

PRODUCT WARRANTY

5 Year Limited Warranty*

OPTIONAL ACCESSORIES

Throw-over pipe (Connect Pipe)

NOTE – Due to Lennox’ ongoing commitment to quality, Specifications, Ratings, and Dimensions are subject to change without notice and without incurring liability. Improper installation, adjustment, alteration, service or maintenance can cause property damage or personal injury. Installation and service must be performed by a qualified installer and servicing agency

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OUTDOOR SPECIFICATIONS

PERFORMANCE	
Cooling Capacity (Btu/h)	48,000
EER(W/W)	3.5
SEER(Btuh/W)	18
Heating Capacity (Btu/h)	/
HSPF	/

Outdoor Fan Total Air Volume (CFM)	4,700
Ambient Temperature Operating Range	
Cooling	39°F(4℃) - 118°F(48℃)
Heating	/

ELECTRICAL DATA	
Power Supply (V/Hz/ϕ)	208-230/50-60/1
Minimum Circuit Ampacity (A)	35
Maximum Overcurrent Protection (A)	45
Outdoor Fan Motor FLA (A)	1.5X2
Compressor RLA (A)	22
No. of Compressors	1

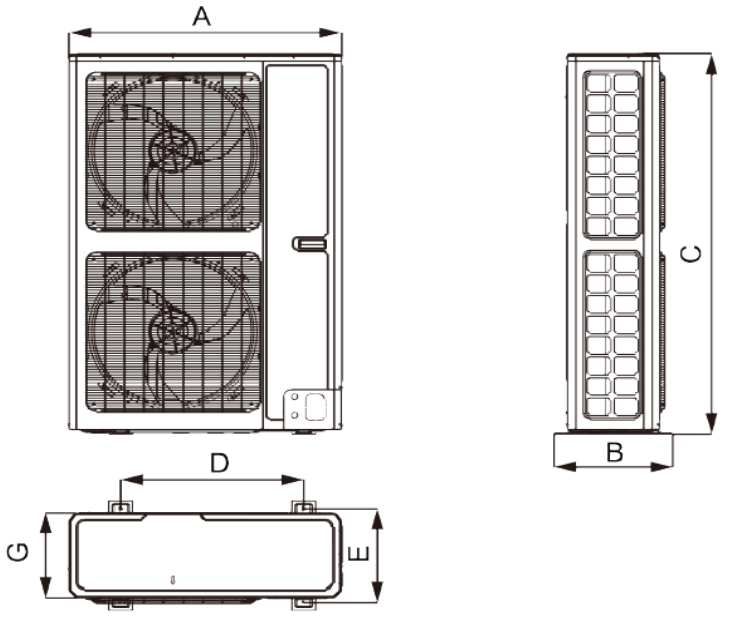
GENERAL DATA	
Connection Ratio (%)	100%
Max. # of Indoor Units	1
Sound Data (dBA) - Cooling/Heating	58
Refrigerant type	R-410A
Factory refrigerant charge	12.1 lbs. 193.6 oz.

DIMENSIONS		
Unit Dimensions (in)	Height	56.4
	Width	37.0
	Depth	12.6
Shipping Weight (lb)		289
Net Weight (lb)		262

NOTES

Cooling Capacity data is rated at the following conditions:
Cooling: 80°FDB / 67°FWB Indoor, 95°FDB/75°FWB Outdoor

OUTDOOR DIMENSIONAL DRAWINGS - INCHES (MM)



ODU	UNIT	A	B	C	D	E	G
48K/60K	mm	940	410	1430	632	353	320
	inch	37.0	16.1	56.4	24.9	13.9	12.3

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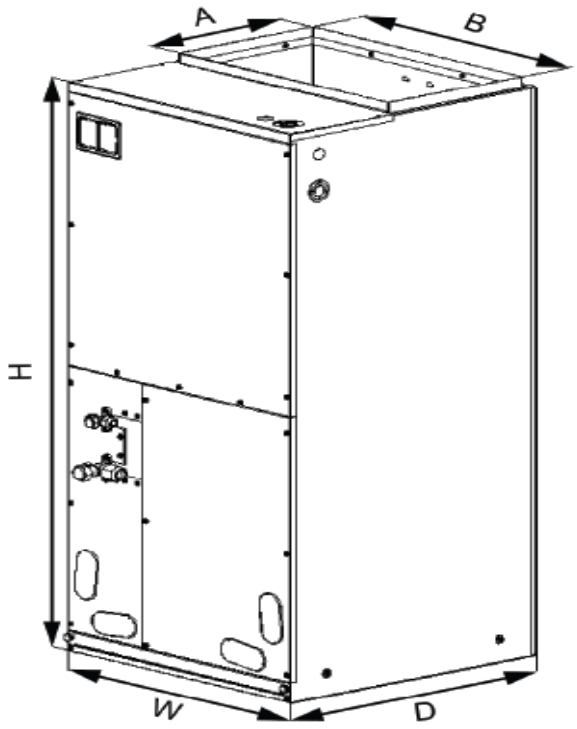
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INDOOR SPECIFICATIONS

PERFORMANCE		
Rated Airflow (CFM)		1380
External Static Pressure Range (in w.g.)		0-1
Sound Level(dBA)		50
ELECTRICAL DATA		
Power Supply (V/Hz/ϕ)		208-230/50-60/1
Full load amps (FLA)		5
Rated HP		1
DIMENSIONS		
Unit Dimensions (in)	Height	57.0
	Width	24.8
	Depth	21.3
Unit Net/Shipping Weight (lb)		203/218

INDOOR DIMENSIONAL DRAWINGS - INCHES (MM)



IDU	UNIT	W	D	H	A	B
48K/60K	mm	630	540	1448	295	508
	inch	24.8	21.3	57.0	11.6	20.0

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