SUBMITTAL DATA – AIR HANDLER
LISC024036-200U432 - LIAH036-200U432-1
INVERTER SINGLE ZONE SPLIT COOLING ONLY

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

FEATURES

Outdoor Unit: **LISC024036-200U432**
Outdoor Unit Cat Number: **21H87**



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

Indoor Unit: **LIAH036-200U432-1**
Indoor Unit Cat Number: **24C81**



- 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)

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OUTDOOR SPECIFICATIONS

PERFORMANCE	
Cooling Capacity (Btu/h)	36,000
EER(W/W)	3.2
SEER(Btuh/W)	18
Heating Capacity (Btu/h)	/
HSPF	/

Outdoor Fan Total Air Volume (CFM)	3,470
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)	24
Maximum Overcurrent Protection (A)	35
Outdoor Fan Motor FLA (A)	1.5
Compressor RLA (A)	16
No. of Compressors	1

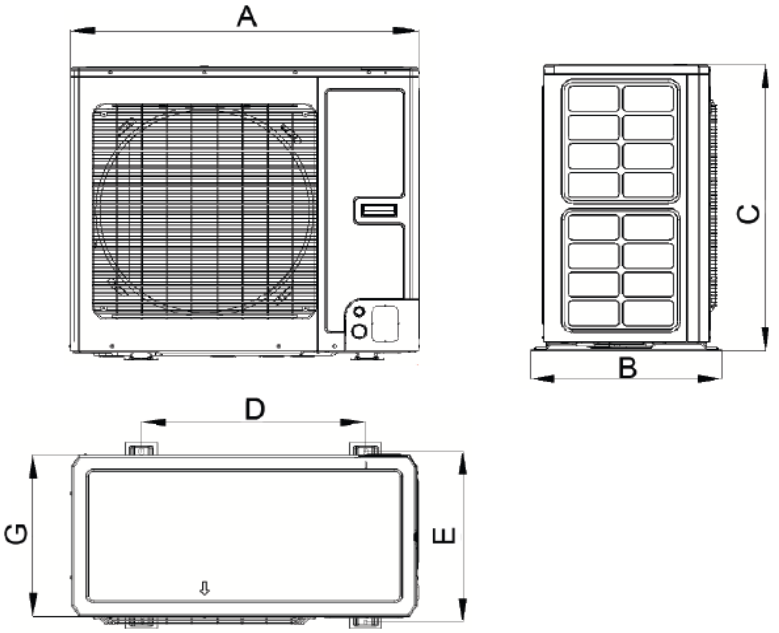
GENERAL DATA	
Connection Ratio (%)	100%
Max. # of Indoor Units	1
Sound Data (dBA) - Cooling/Heating	57
Refrigerant type	R-410A
Factory refrigerant charge	7.4 lbs. 118.2 oz.

DIMENSIONS		
Unit Dimensions (in)	Height	32.3
	Width	37.0
	Depth	18.1
Shipping Weight (lb)		208.3
Net Weight (lb)		185.2

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
24K/36K	mm	940	530	820	610	486	460
	inch	37.0	20.9	32.3	24.0	19.1	18.1

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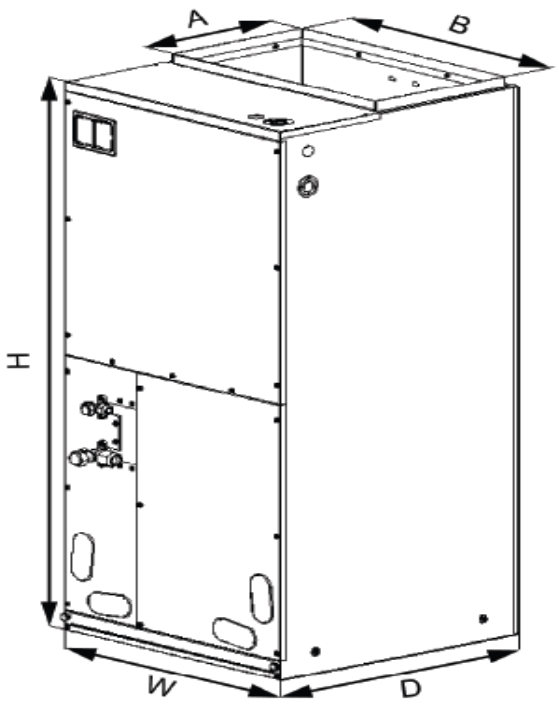
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INDOOR SPECIFICATIONS

PERFORMANCE		
Rated Airflow (CFM)		1000
External Static Pressure Range (in w.g.)		0-1
Sound Level(dBA)		47
ELECTRICAL DATA		
Power Supply (V/Hz/ϕ)		208-230/50-60/1
Full load amps (FLA)		3
Rated HP		1/2
DIMENSIONS		
Unit Dimensions (in)	Height	48.3
	Width	21.3
	Depth	21.3
Unit Net/Shipping Weight (lb)		156.5/169.8

INDOOR DIMENSIONAL DRAWINGS - INCHES (MM)



IDU	UNIT	W	D	H	A	B
24K/36K	mm	540	540	1224	295	508
	inch	21.3	21.3	48.3	11.6	20.0

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