



**SUBMITTAL DATA – FLOOR CEILING TYPE
LISH024000U432 - LIUH024160U432
SINGLE ZONE INVERTER MINI-SPLIT HEAT PUMP**

Job: _____
Location: _____
Schedule No.: _____
System Designation: _____

Engineer: _____
Architect: _____
Date: _____

FEATURES

Outdoor Unit: **LISH024000U432**
Outdoor Unit Cat Number: **19V87**

Indoor Unit: **LIUH024160U432**
Indoor Unit Cat Number: **19V64**



- DC Inverter Compressor
- DC ODU Motor



- Auto Restart
- Double Louver
- DC IDU Motor
- Easy Installation
- Washable Filter

PIPING

Line Set and Elevation Guidelines	
Maximum Line Set Length ft. (m)	164 ft. (50 m)
Maximum Elevation - Outdoor Unit Below/Above Indoor Unit ft. (m)	82 ft. (25 m)
Liquid Line Set Diameter (in.)	3/8"
Gas Line Set Diameter (in.)	5/8"

PRODUCT WARRANTY

5 Year Limited Warranty*

OPTIONAL ACCESORIES

Wired Control (20U46, XK117)

WIFI Module (20U44, ME31-00/C6)



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OUTDOOR SPECIFICATIONS

PERFORMANCE	
Cooling Capacity (Btu/h)	24,200
EER(W/W)	3.21
SEER(BTUH/W)	16
Heating Capacity (Btu/h)	27,200
HSPF	9
Outdoor Fan Total Air Volume (CFM)	2,119
Ambient Temperature Operating Range	
Cooling	5°F(-15°C) - 118°F(48°C)
Heating	5°F(-15°C) - 75°F(24°C)
ELECTRICAL DATA	
Power Supply (V/Hz/ϕ)	220-240-50/60-1
Minimum Circuit Ampacity (A)	/
Maximum Overcurrent Protection (A)	/
Outdoor Fan Motor FLA (A)	.7
Compressor RLA (A)	11
No. of Compressors	1

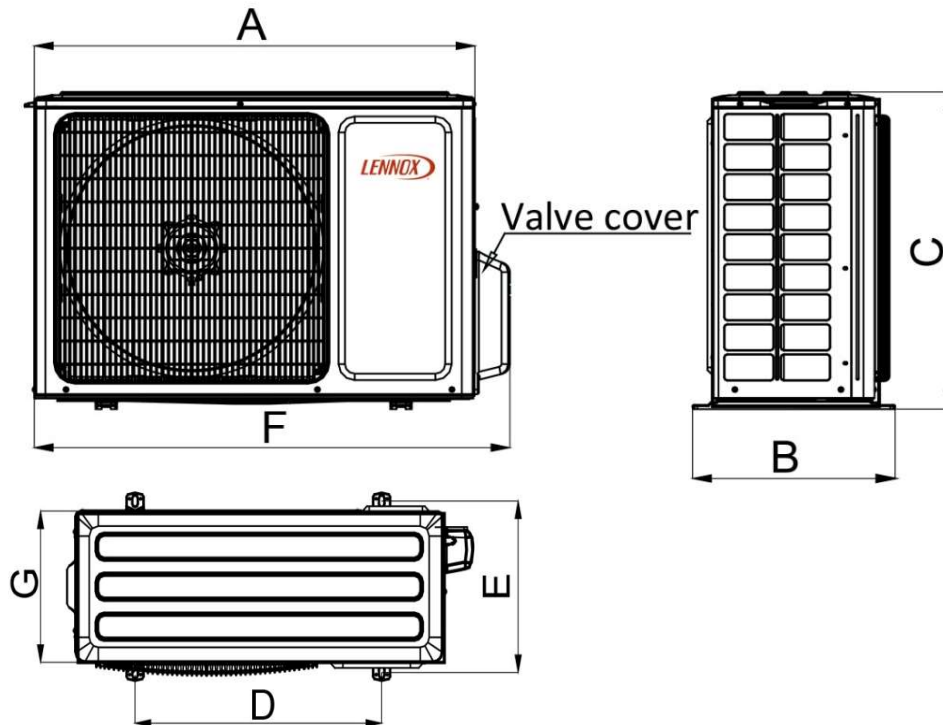
GENERAL DATA	
Connection Ratio (%)	100%
Max. # of Indoor Units	1
Sound Data (dBA) - Cooling/Heating	56
Refrigerant type	R-410A
Factory refrigerant charge	4.4 lbs. 70.4 oz.

DIMENSIONS		
Unit Dimensions (in)	Height	27.5
	Width	35.1
	Depth	13.4
Shipping Weight (lb)		125.4
Net Weight (lb)		116.6

NOTES

1. Cooling and Heating Capacity data is rated at the following conditions:
Cooling: 80°FDB / 67°FWB Indoor, 95°FDB/ 75°FWB Outdoor
Heating: 68°FDB / 59°FWB Indoor, 45°FDB/ 43°FWB Outdoor

OUTDOOR DIMENSIONAL DRAWINGS - INCHES (MM)



ODU	UNIT	A	B	C	D	E	F	G
24K	mm	892	396	698	560	364	952	340
	inch	35.1	15.6	27.5	22.0	14.3	37.5	13.4

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INDOOR SPECIFICATIONS

PERFORMANCE

Airflow (CFM)	Turbo	765
	High	718
	Medium	641
	Low	553
External Static Pressure (in. w.g.)		-
Sound Pressure (dBA)	Turbo	45
	High	44
	Medium	41
	Low	38

ELECTRICAL DATA

Power Supply (V/Hz/ϕ)	220-240-50/60-1
Full load amps (FLA)	.31
Power Output (W)	150

DIMENSIONS

Unit Dimensions (in)	Height	9.3
	Width	47.2
	Depth	26.2
Unit Net/Shipping Weight (lb)		68.2/81.4

WIRELESS REMOTE CONTROLLER SPECIFICATION

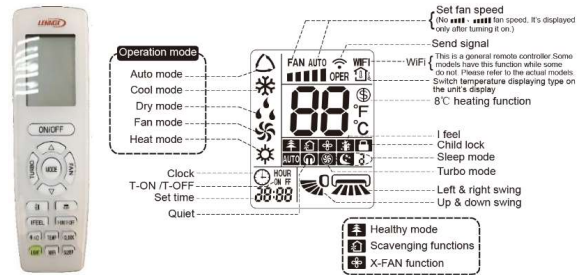
20U45 (YAP1F6)

Power Supply	2 AAA Batteries (Included)
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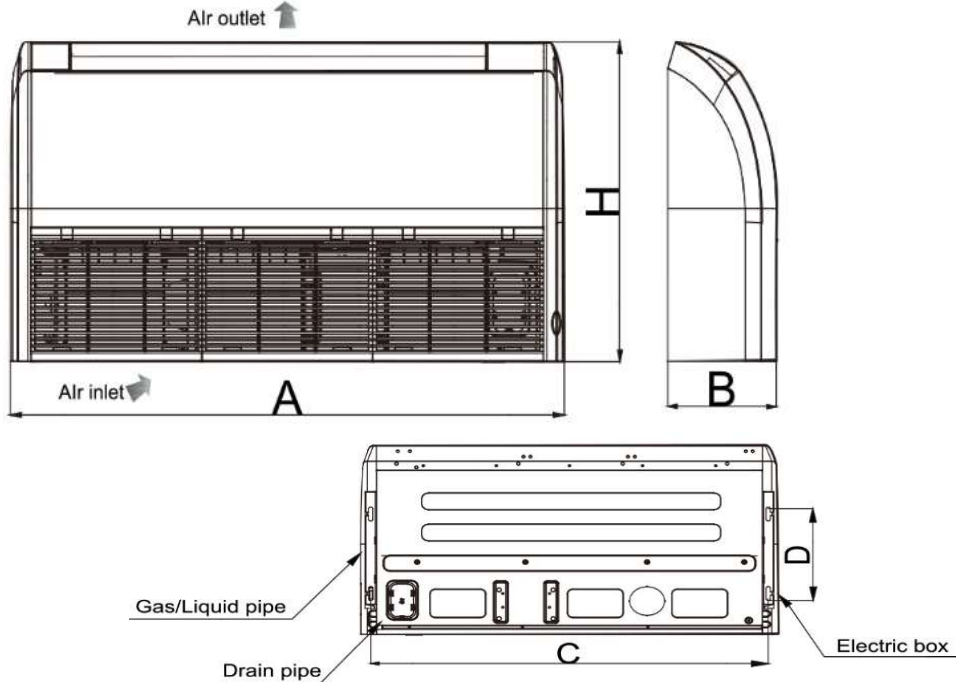
Setpoint Range	61°F(16°C) - 86°F(30°C)
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Effective Receiving Range	26 ft.(8m)
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DISPLAY



INDOOR DIMENSIONAL DRAWINGS - INCHES (MM)



IDU	UNIT	A	B	C	D	H
24K/36K/42K	mm	1200	235	1142	318	665
	inch	47.2	9.3	45.0	12.5	26.2

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