



**SUBMITTAL DATA – FLOOR CEILING TYPE
LISH060000N432- LIUH060160U432
3 PHASE INVERTER MINI-SPLIT HEAT PUMP**

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

Engineer: _____
Architect: _____
Date: _____

FEATURES

Outdoor Unit: **LISH060000N432**
Outdoor Unit Cat Number: **19V94**

Indoor Unit: **LIUH060160U432**
Indoor Unit Cat Number: **19V68**



- 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)	246 ft. (75 m)
Maximum Elevation - Outdoor Unit Below/Above Indoor Unit ft. (m)	98.4 ft. (30 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

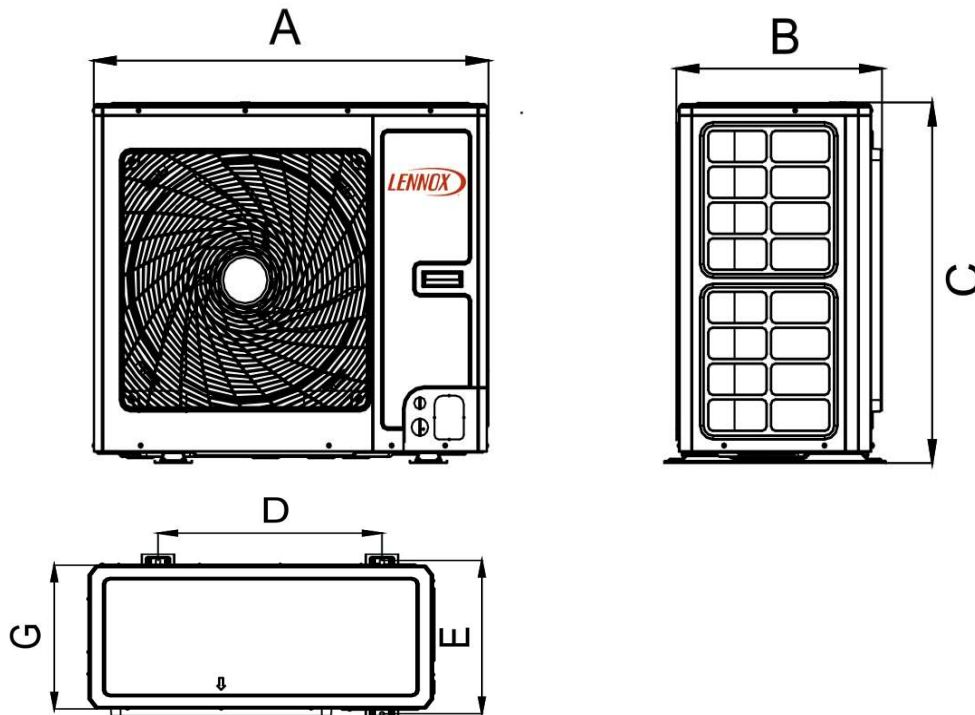
PERFORMANCE	
Cooling Capacity (Btu/h)	52,500
EER(W/W)	2.96
SEER(BTUH/W)	16
Heating Capacity (Btu/h)	58,000
HSPF	9
Outdoor Fan Total Air Volume (CFM)	3,472
Ambient Temperature Operating Range	
Cooling	-4°F(-20°C) - 118°F(48°C)
Heating	-4°F(-20°C) - 75°F(24°C)
ELECTRICAL DATA	
Power Supply (V/Hz/ϕ)	380-415-50/60-3
Minimum Circuit Ampacity (A)	/
Maximum Overcurrent Protection (A)	/
Outdoor Fan Motor FLA (A)	1.38
Compressor RLA (A)	8
No. of Compressors	1

GENERAL DATA	
Connection Ratio (%)	100%
Max. # of Indoor Units	1
Sound Data (dBA) - Cooling/Heating	60
Refrigerant type	R-410A
Factory refrigerant charge	8.36 lbs. 133.7 oz.

DIMENSIONS		
Unit Dimensions (in)	Height	23.5
	Width	32.2
	Depth	11.9
Shipping Weight (lb)		246.4
Net Weight (lb)		220

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	G
42K/48K/60K	mm	940	530	820	610	486	460
	inch	37.0	20.9	32.3	24.0	19.1	18.1

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INDOOR SPECIFICATIONS

PERFORMANCE

Airflow (CFM)	Turbo	1354
	High	1295
	Medium	1118
	Low	942
External Static Pressure (in. w.g.)		-
Sound Pressure (dBA)	Turbo	54
	High	53
	Medium	49
	Low	45

ELECTRICAL DATA

Power Supply (V/Hz/ϕ)	220-240-50/60-1
Full load amps (FLA)	.85
Power Output (W)	250

DIMENSIONS

Unit Dimensions (in)	Height	9.3
	Width	61.8
	Depth	26.2
Unit Net/Shipping Weight (lb)		92.6/108.0

WIRELESS REMOTE CONTROLLER SPECIFICATION

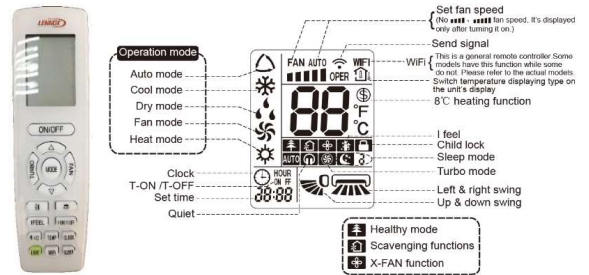
20U45 (YAP1F6)

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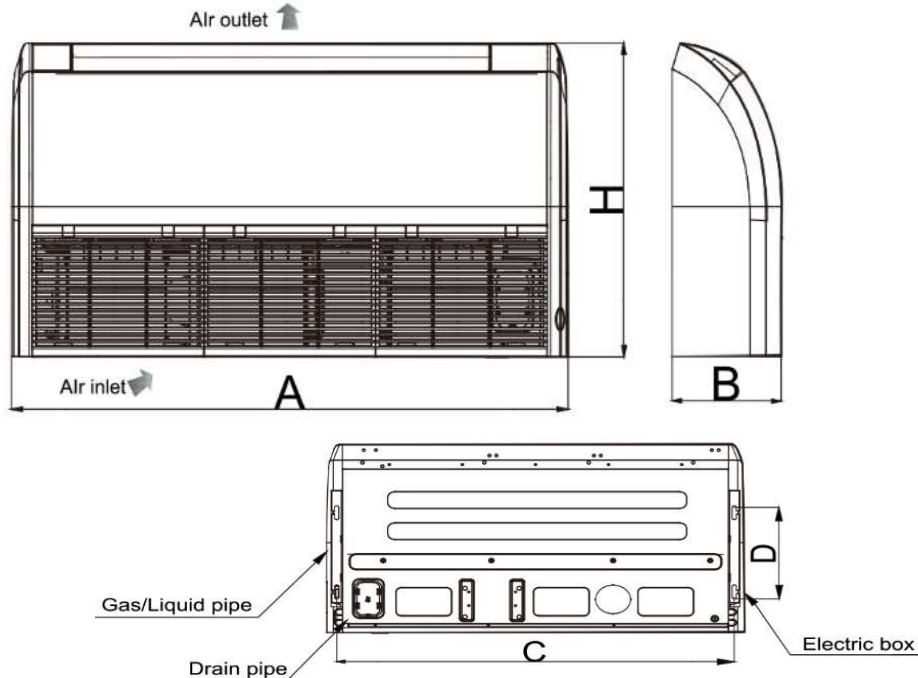
Setpoint Range	61°F(16°C) - 86°F(30°C)
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Effective Receiving Range	26 ft.(8m)
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DISPLAY



INDOOR DIMENSIONAL DRAWINGS - INCHES (MM)



IDU	UNIT	A	B	C	D	H
48K/60K	mm	1570	235	1512	318	665
	inch	61.8	9.3	59.5	12.5	26.2

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