



**SUBMITTAL DATA – FLOOR CEILING TYPE
LISH042000U432 - LIUH042160U432
SINGLE ZONE INVERTER MINI-SPLIT HEAT PUMP**

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

Engineer: _____
Architect: _____
Date: _____

FEATURES

Outdoor Unit: **LISH042000U432**
Outdoor Unit Cat Number: **19V89**

Indoor Unit: **LIUH042160U432**
Indoor Unit Cat Number: **19V66**



- 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)	213.2 ft. (65 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)	41,000
EER(W/W)	2.93
SEER(BTUH/W)	16
Heating Capacity (Btu/h)	47,800
HSPF	9

Outdoor Fan Total Air Volume (CFM)	3,472
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)	1.38
Compressor RLA (A)	7.4
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	7.5 lbs. 119.9 oz.

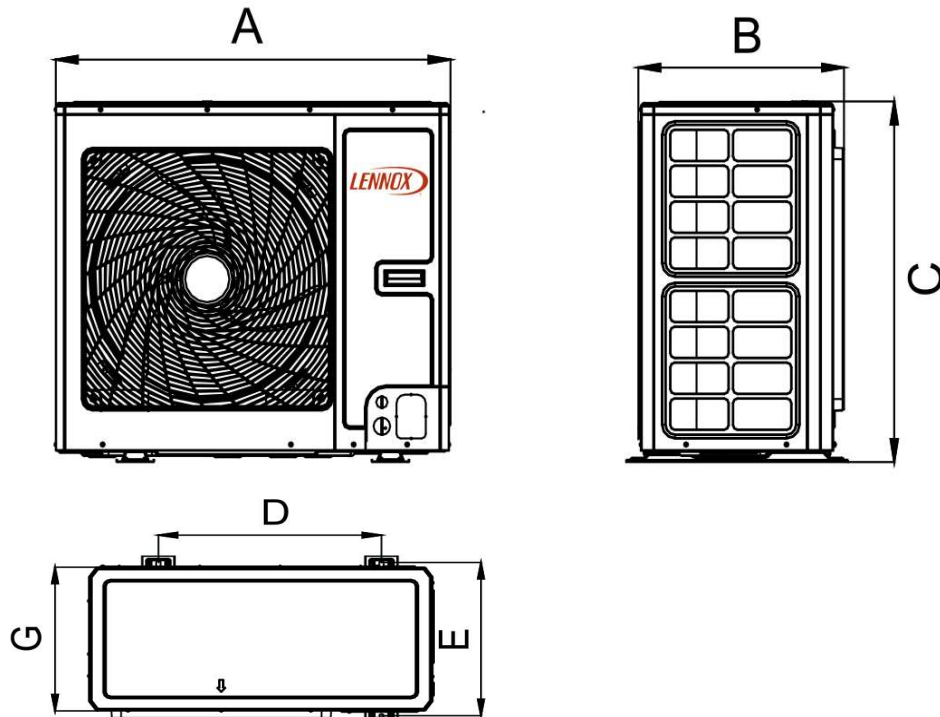
DIMENSIONS

Unit Dimensions (in)	Height	32.3
	Width	37.0
	Depth	18.1
Shipping Weight (lb)		211.2
Net Weight (lb)		184.8

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	942
	High	883
	Medium	824
	Low	706
External Static Pressure (in. w.g.)		-
Sound Pressure (dBA)	Turbo	49
	High	47
	Medium	45
	Low	43

ELECTRICAL DATA

Power Supply (V/Hz/ϕ)	220-240-50/60-1
Full load amps (FLA)	.63
Power Output (W)	150

DIMENSIONS

Unit Dimensions (in)	Height	9.3
	Width	47.2
	Depth	26.2
Unit Net/Shipping Weight (lb)		72.6/85.8

WIRELESS REMOTE CONTROLLER SPECIFICATION

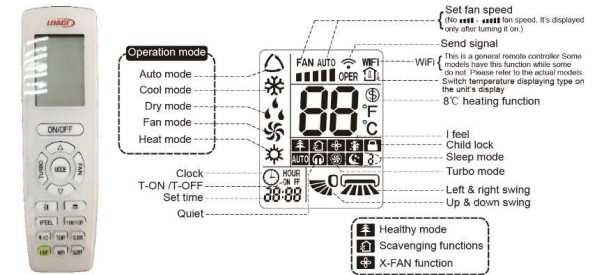
20U45 (YAP1F6)

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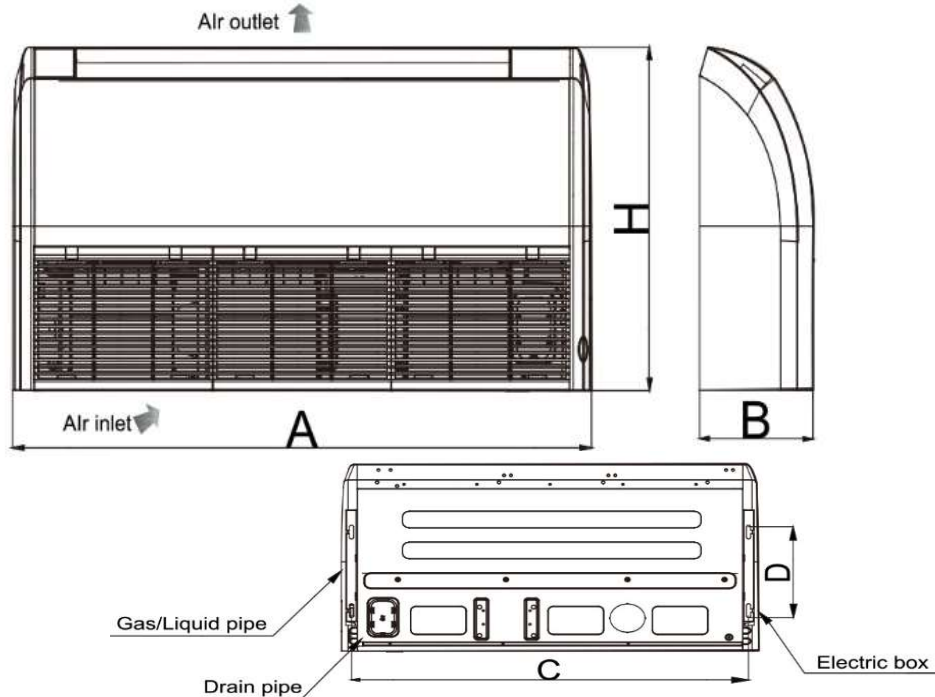
Setpoint Range	61°F(16°C) - 86°F(30°C)
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Effective Receiving Range	26 ft.(8m)
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DISPLAY



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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