



**SUBMITTAL DATA – FLOOR CEILING TYPE  
LISH018000U432 - LIUH018160U432  
SINGLE ZONE INVERTER MINI-SPLIT HEAT PUMP**

Job: \_\_\_\_\_  
Location: \_\_\_\_\_  
Schedule No.: \_\_\_\_\_  
System Designation: \_\_\_\_\_

Engineer: \_\_\_\_\_  
Architect: \_\_\_\_\_  
Date: \_\_\_\_\_

**FEATURES**

Outdoor Unit: **LISH018000U432**  
Outdoor Unit Cat Number: **19V86**

Indoor Unit: **LIUH018160U432**  
Indoor Unit Cat Number: **19V63**



- 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)	115 ft. (35 m)
Maximum Elevation - Outdoor Unit Below/Above Indoor Unit ft. (m)	49.2 ft. (20 m)
Liquid Line Set Diameter (in.)	1/4"
Gas Line Set Diameter (in.)	1/2"

**PRODUCT WARRANTY**

5 Year Limited Warranty\*

**OPTIONAL ACCESORIES**

Wired Control (20U46, XK117)

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



**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)	17,700
EER(W/W)	3.21
SEER(BTUH/W)	16
Heating Capacity (Btu/h)	19,700
HSPF	9
Outdoor Fan Total Air Volume (CFM)	1,766
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)	.49
Compressor RLA (A)	6.5
No. of Compressors	1

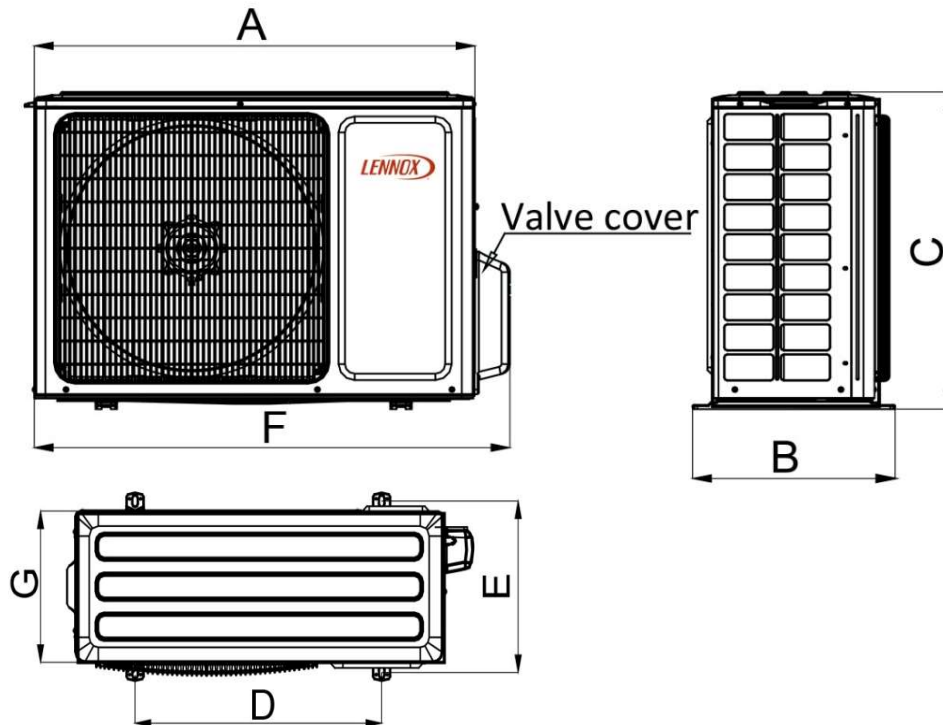
GENERAL DATA	
Connection Ratio (%)	100%
Max. # of Indoor Units	1
Sound Data (dBA) - Cooling/Heating	55
Refrigerant type	R-410A
Factory refrigerant charge	2.75 lbs. 44 oz.

DIMENSIONS		
Unit Dimensions (in)	Height	23.5
	Width	32.2
	Depth	11.9
Shipping Weight (lb)		97.0
Net Weight (lb)		90.4

**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
12K/18K	mm	818	378	596	550	348	887	302
	inch	32.2	14.9	23.5	21.7	13.7	34.9	11.9

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**INDOOR SPECIFICATIONS**

**PERFORMANCE**

Airflow (CFM)	Turbo	500
	High	471
	Medium	412
	Low	353
External Static Pressure (in. w.g.)		-
Sound Pressure (dBA)	Turbo	44
	High	42
	Medium	39
	Low	36

**ELECTRICAL DATA**

Power Supply (V/Hz/ϕ)	220-240-50/60-1
Full load amps (FLA)	.35
Power Output (W)	40

**DIMENSIONS**

Unit Dimensions (in)	Height	9.3
	Width	34.3
	Depth	26.2
Unit Net/Shipping Weight (lb)		57.3/68.4

**WIRELESS REMOTE CONTROLLER SPECIFICATION**

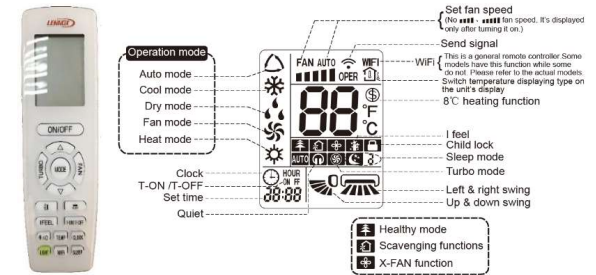
**20U45 (YAP1F6)**

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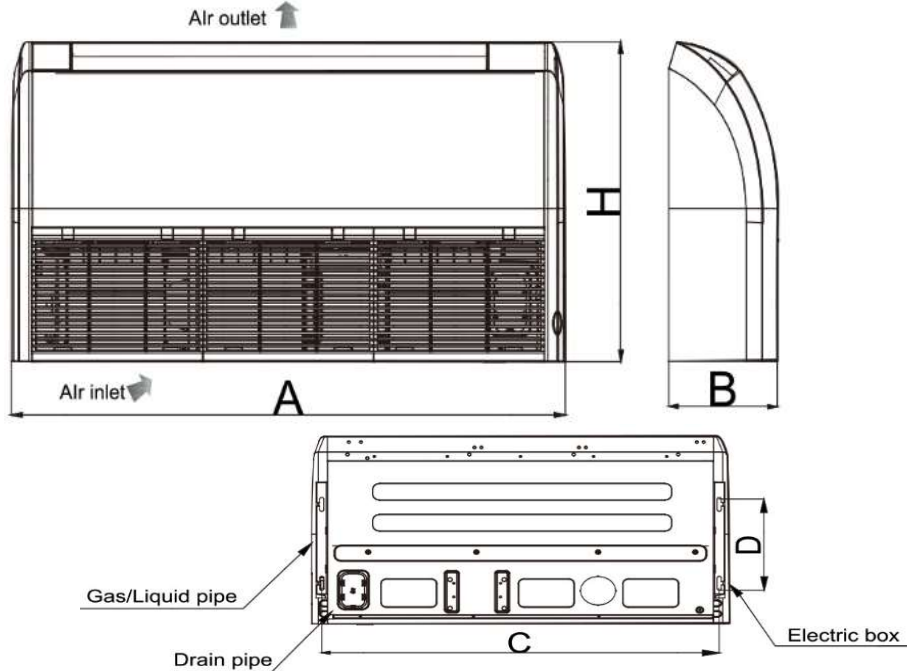
Setpoint Range	61°F(16°C) - 86°F(30°C)
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Effective Receiving Range	26 ft.(8m)
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**DISPLAY**



**INDOOR DIMENSIONAL DRAWINGS - INCHES (MM)**



IDU	UNIT	A	B	C	D	H
12K/18K	mm	870	235	812	318	665
	inch	34.3	9.3	32.0	12.5	26.2

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