



SUBMITTAL DATA – FLOOR CEILING TYPE
LISH054160U332 - LIUH054160U332
SINGLE ZONE INVERTER MINI-SPLIT HEAT PUMP

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

Engineer: _____
Architect: _____
Date: _____

FEATURES

Outdoor Unit: **LISH054160U332**
Outdoor Unit Cat Number: **37H86**

Indoor Unit: **LIUH054160U332**
Indoor Unit Cat Number: **37J41**



- DC Inverter Compressor
- DC ODU Motor
- DC Electronic Expansion Valve(EXV)



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

PIPING

Line Set and Elevation Guidelines

Maximum Line Set Length ft. (m)	246.1 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

WIFI Wired Control (37J42 LCACWIFI1-1332)

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

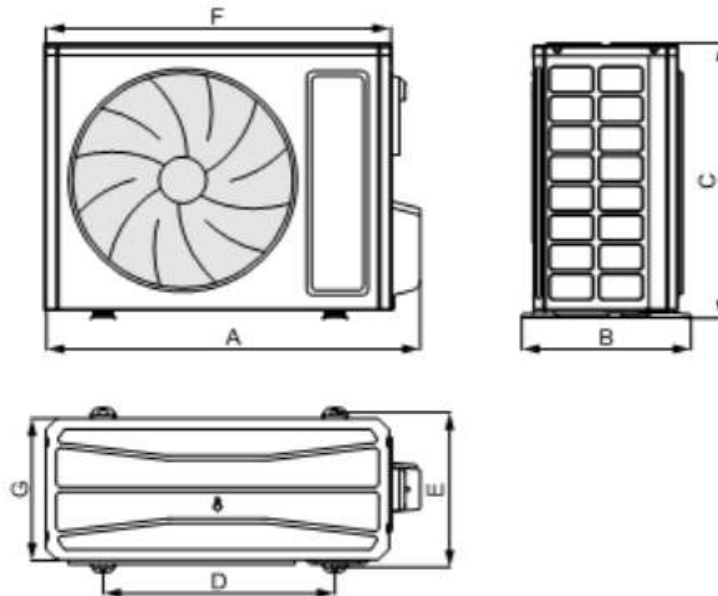
PERFORMANCE	
Cooling Capacity (Btu/h)	54,500
EER(W/W)	2.96
SEER(BTUH/W)	16
Heating Capacity (Btu/h)	61,400
HSPF	8
Outdoor Fan Total Air Volume (CFM)	
	3,060
Ambient Temperature Operating Range	
Cooling	5°F(-15°C) - 118°F(48°C)
Heating	5°F(-15°C) - 75°F(24°C)
ELECTRICAL DATA	
Power Supply (V/Hz/ϕ)	220-240-50/60-1
Rated Current (A)	29
Minimum Circuit Ampacity (A)	-
Maximum Overcurrent Protection (A)	-
Compressor RLA (A)	4.9
No. of Compressors	1

GENERAL DATA	
Connection Ratio (%)	100%
Max. # of Indoor Units	1
Sound Data (dBA) - Cooling/Heating	60
Refrigerant type	R32
Factory refrigerant charge	6.39 lbs. 102.3 oz.

DIMENSIONS		
Unit Dimensions (in)	Height	32.3
	Width	37.0
	Depth	14.6
Shipping Weight (lb)		176.4
Net Weight (lb)		161.0

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 DIMENSIONAL DRAWINGS - INCHES (MM)



ODU	UNIT	A	B	C	D	E	F	G
42K/48K/54K	mm	1020	427	820	635	396	940	370
	inch	40.16	16.81	32.28	25.00	15.59	37.01	14.57

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INDOOR SPECIFICATIONS

PERFORMANCE

Airflow (CFM)	Turbo	1530
	High	1353
	Medium	1177
	Low	942
External Static Pressure (in. w.g.)		-
Sound Pressure (dBA)	Turbo	52
	High	49
	Medium	47
	Low	44

ELECTRICAL DATA

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

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

37B67 (YAP1F7)

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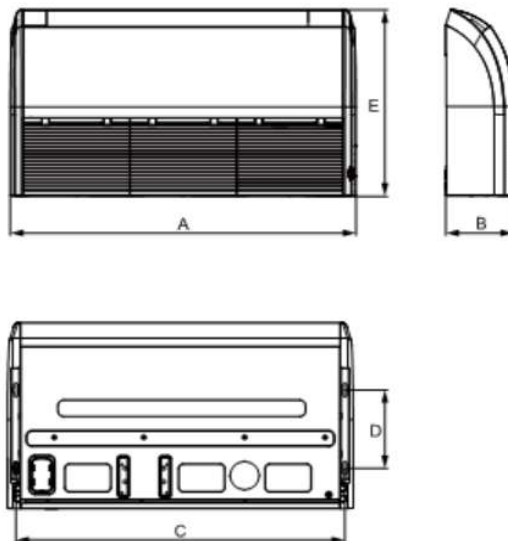
Setpoint Range	61°F(16°C) - 86°F(30°C)
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Effective Receiving Range	26 ft.(8m)
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DISPLAY



INDOOR DIMENSIONAL DRAWINGS - INCHES (MM)



IDU	UNIT	A	B	C	D	E
42K/48K/54K	mm	1570	235	1512	280	665
	inch	61.81	9.25	59.53	11.02	26.18

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