SUBMITTAL DATA – FLOOR CEILING TYPE
LISH024160U332 - LIUH024160U332
SINGLE ZONE INVERTER MINI-SPLIT HEAT PUMP

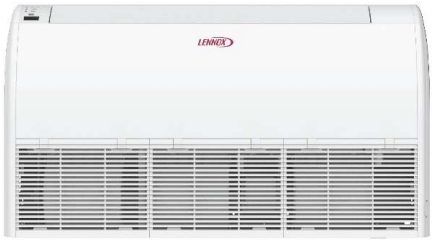
Job:	Engineer:
Location:	Architect:
Schedule No.:	Date:
System Designation:	

FEATURES

Outdoor Unit: **LISH024160U332**
Outdoor Unit Cat Number: **37H78**

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

Indoor Unit: **LIUH024160U332**
Indoor Unit Cat Number: **37J21**



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

PIPING

Line Set and Elevation Guidelines	
Maximum Line Set Length ft. (m)	98.4 ft. (30 m)
Maximum Elevation - Outdoor Unit Below/Above Indoor Unit ft. (m)	65.6 ft. (20 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)	24,200
EER(W/W)	3.22
SEER(BTUH/W)	16
Heating Capacity (Btu/h)	27,200
HSPF	8

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
Rated Current (A)	12.5
Minimum Circuit Ampacity (A)	-
Maximum Overcurrent Protection (A)	-
Compressor RLA (A)	6.06
No. of Compressors	1

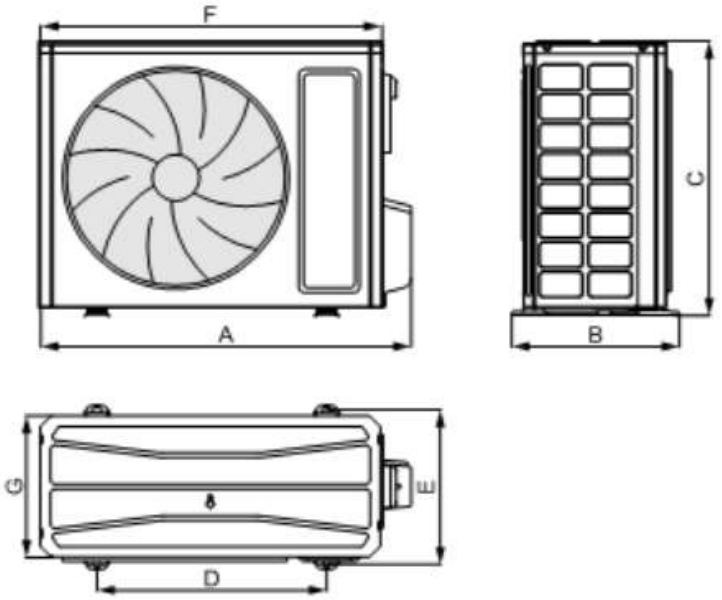
GENERAL DATA	
Connection Ratio (%)	100%
Max. # of Indoor Units	1
Sound Data (dBA) - Cooling/Heating	58
Refrigerant type	R32
Factory refrigerant charge	2.4 lbs. 38.8 oz.

DIMENSIONS		
Unit Dimensions (in)	Height	26.0
	Width	35.0
	Depth	13.4
Shipping Weight (lb)		97.0
Net Weight (lb)		88.2

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
24K/34K	mm	985	402	660	570	371	889	340
	inch	38.78	15.83	25.98	22.44	14.61	35.00	13.39

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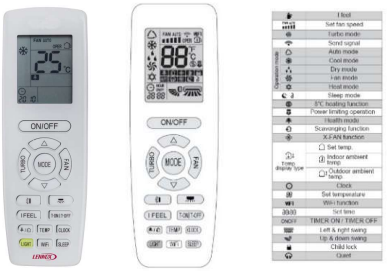
INDOOR SPECIFICATIONS

PERFORMANCE		
Airflow (CFM)	Turbo	706
	High	647
	Medium	589
	Low	471
External Static Pressure (in. w.g.)		-
Sound Pressure (dBA)	Turbo	49
	High	47
	Medium	44
	Low	42
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	34.3
	Depth	26.2
Unit Net/Shipping Weight (lb)		55.1/63.9

WIRELESS REMOTE CONTROLLER SPECIFICATION

37B67 (YAP1F7)	
Power Supply	2 AAA Batteries (Included)
Setpoint Range	61°F(16ºC) - 86°F(30ºC)
Effective Receiving Range	26 ft.(8m)

DISPLAY



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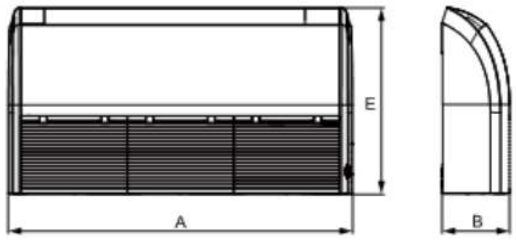

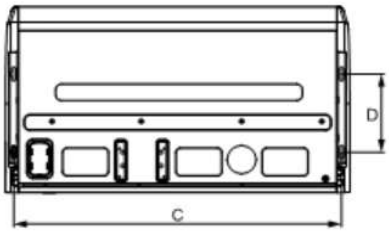

IDU	UNIT	A	B	C	D	E
12K/18K/24K	mm	870	235	812	280	665
	inch	34.25	9.25	31.97	11.02	26.18

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