SUBMITTAL DATA – CASSETTE TYPE
LISH054160U332 - LICH8054160U332
SINGLE ZONE INVERTER MINI-SPLIT HEAT PUMP

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

FEATURES

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



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

Indoor Unit: **LICH8054160U332**
Indoor Unit Cat Number: **37J15**



- Auto Restart
- 360° Airflow
- DC IDU Motor
- Washable Filter
- Built-in electric box

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

WIFI Wired Control (37J42 LCACWIFI1-1332)

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OUTDOOR SPECIFICATIONS

PERFORMANCE	
Cooling Capacity (Btu/h)	52,500
EER(W/W)	2.85
SEER(BTUH/W)	16
Heating Capacity (Btu/h)	58,000
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

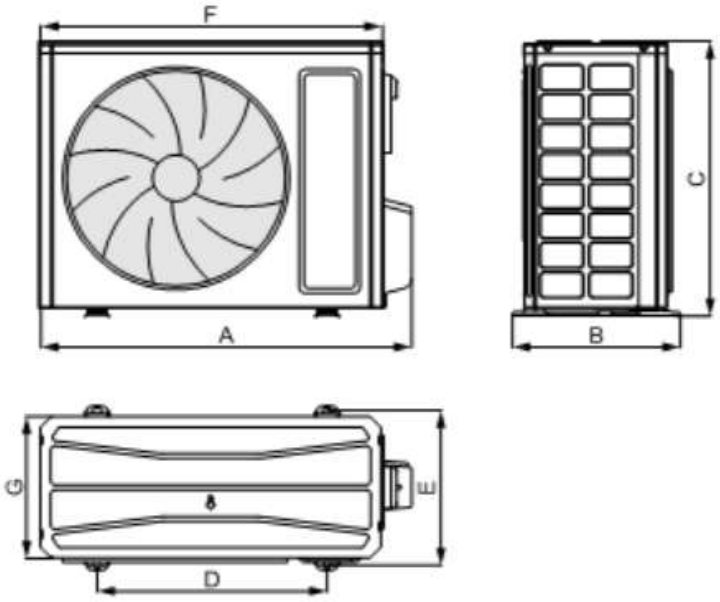
GENERAL DATA	
Connection Ratio (%)	100%
Max. # of Indoor Units	1
Sound Data (dBA) - Cooling/Heating	60
Refrigerant type	R-410A
Factory refrigerant charge	6.39 lbs. 102.3 oz.

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	1412
	High	1295
	Medium	1118
	Low	942
External Static Pressure (in. w.g.)		-
Sound Pressure (dBA)	Turbo	53
	High	51
	Medium	48
	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	11.4
	Width	33.1
	Depth	33.1
Unit Net/Shipping Weight (lb)		55.1/70.1

WIRELESS REMOTE CONTROLLER SPECIFICATION

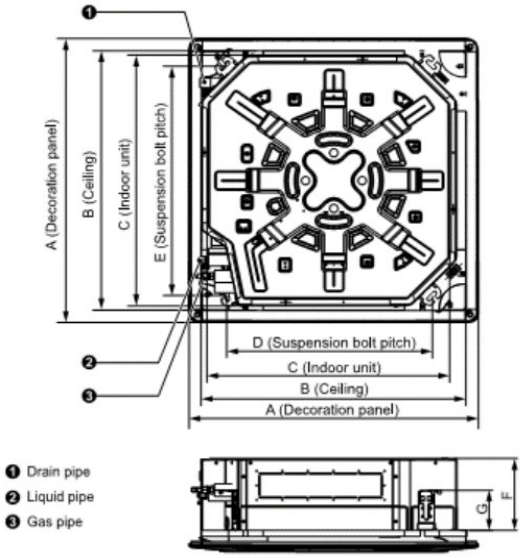
37B67 (YAP1F7)

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

DISPLAY



INDOOR DIMENSIONAL DRAWINGS - INCHES (MM)



IDU	UNIT	A	B	C	D	E	F	G
54K	mm	950	890	840	680	780	290	135
	inch	37.4	35	33.1	26.8	30.7	11.4	5.3

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