



SUBMITTAL DATA – FAN COIL
LISH018160U332 - LIFHC018160U332
SINGLE ZONE INVERTER MINI-SPLIT HEAT PUMP

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

Engineer: _____
Architect: _____
Date: _____

FEATURES

Outdoor Unit: **LISH018160U332**
Outdoor Unit Cat Number: **37H75**

Indoor Unit: **LIFHC018160U332**
Indoor Unit Cat Number: **37H99**



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



- Auto Restart
- Compact Design
- Wired Control Included
- Washable Filter Included
- Water Pump Included
- 9 Level Static pressure mode

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)	49.2 ft. (15 m)
Liquid Line Set Diameter (in.)	1/4"
Gas Line Set Diameter (in.)	1/2"

PRODUCT WARRANTY

5 Year Limited Warranty*

OPTIONAL ACCESORIES

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)	18,000
EER(W/W)	3.27
SEER(BTUH/W)	16
Heating Capacity (Btu/h)	19,700
HSPF	8

Outdoor Fan Total Air Volume (CFM)	1,059
Ambient Temperature Operating Range	
Cooling	5°F(-15°C) - 118°F(48°C)
Heating	5°F(-15°C) - 75°F(24°C)

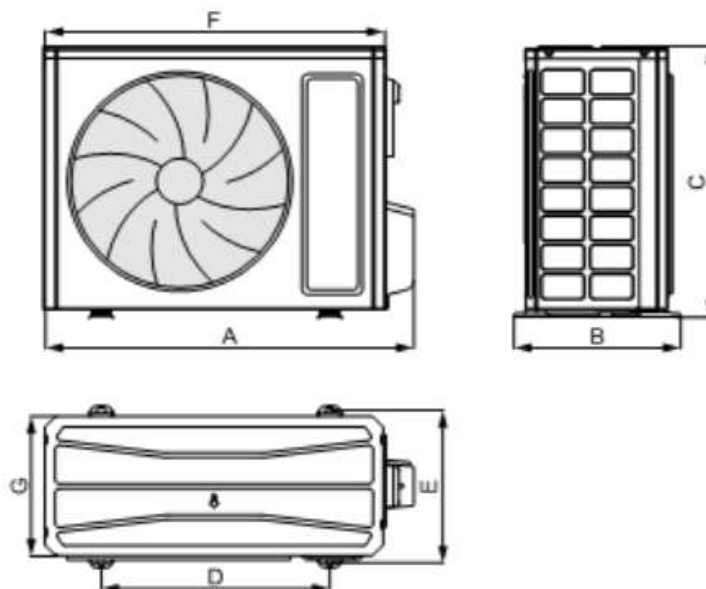
ELECTRICAL DATA	
Power Supply (V/Hz/ϕ)	220-240-50/60-1
Rated Current (A)	7.5
Minimum Circuit Ampacity (A)	-
Maximum Overcurrent Protection (A)	-
Compressor RLA (A)	4.4
No. of Compressors	1

GENERAL DATA	
Connection Ratio (%)	100%
Max. # of Indoor Units	1
Sound Data (dBA) - Cooling/Heating	49
Refrigerant type	R32
Factory refrigerant charge	1.87 lbs. 29.99 oz.

DIMENSIONS		
Unit Dimensions (in)	Height	21.8
	Width	26.6
	Depth	11.2
Shipping Weight (lb)		66.2
Net Weight (lb)		60.6

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
12K/18K	mm	732	330	553	455	310	675	285
	inch	28.82	12.99	21.77	17.91	12.20	26.57	11.22

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INDOOR SPECIFICATIONS

PERFORMANCE

Airflow (CFM)	Turbo	647
	High	589
	Medium	530
	Low	412
External Static Pressure (Pa)		25
Sound Pressure (dBA)	Turbo	40
	High	38
	Medium	37
	Low	35

ELECTRICAL DATA

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

DIMENSIONS

Unit Dimensions (in)	Height	7.9
	Width	39.4
	Depth	17.7
Unit Net/Shipping Weight (lb)		52.9/63.9

WIRELESS REMOTE CONTROLLER SPECIFICATIONS

37B67 (YAP1F7)

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

DISPLAY

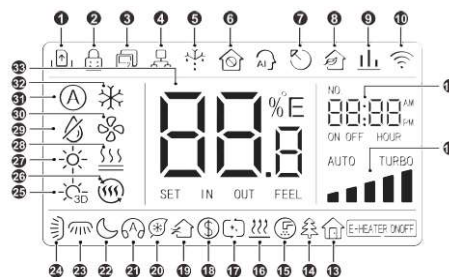


WIRED CONTROLLER SPECIFICATIONS

37J42 LCACWIF1-1332

Power Supply	DC 12V, Supplied by IDU
Setpoint Range	61°F(16°C) - 86°F(30°C)
Effective Receiving Range	188 ft.(30m)

DISPLAY



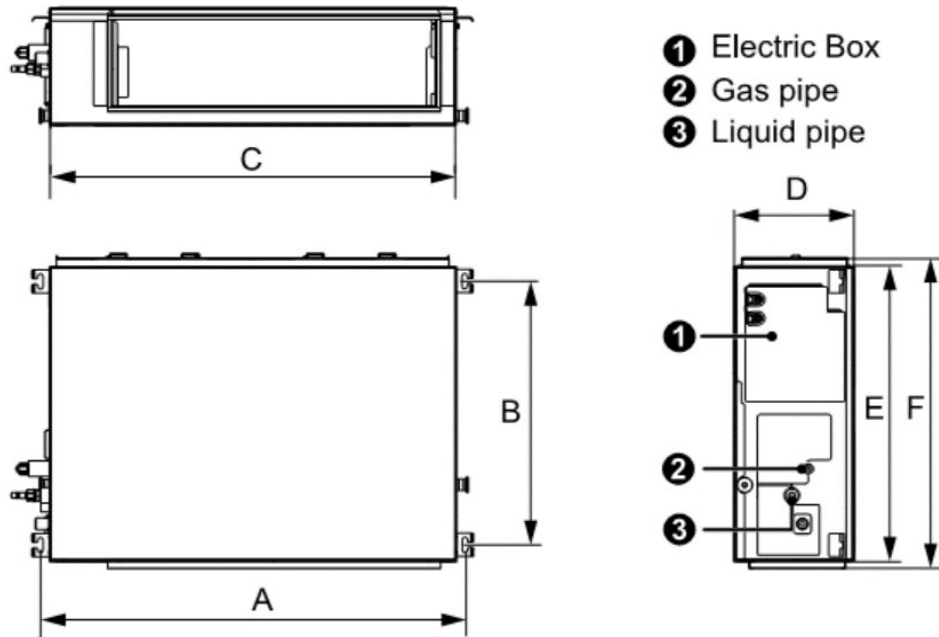
- Gate-control function.
- Child Lock status.
- Slave wired controller (address of wired controller is 02).
- One wired controller controls multiple indoor units.
- Outdoor unit defrosting status.
- Shielding status.
- Current wired controller connects master indoor unit.
- Fresh air control function of AHU-KIT.
- Indicates that the current system mode priority is voting mode.
- WiFi status (if the wired controller has no WiFi function, it displays only when the unit connected to WiFi).
- Timer zone: Display system clock and timer status.
- Current set fan speed.
- Absence function.
- Health function, Indoor unit optional function.
- Remind to clean the filter.
- X-fan function.
- Auto clean status.
- Save status of indoor unit.
- Air status, Indoor unit optional function.
- I-DEMAND function, Indoor unit optional function.
- Quiet status (including Quiet and Auto Quiet two status).
- Sleep status.
- Left and right swing function.
- Up and down swing function.
- 3D Heating mode.
- Space Heating mode.
- Heating mode.
- Floor Heating mode.
- Dry mode.
- Fan mode.
- Auto mode.
- Cooling mode.
- It shows the value of temperature, and displays the current type of value (in case the wired controller is controlling a Fresh Air Indoor Unit, then it will display FAP).

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INDOOR DIMENSIONAL DRAWINGS - INCHES (MM)



IDU	UNIT	A	B	C	D	E	F
18K	mm	1060	415	1000	200	450	486
	inch	41.73	16.34	39.37	7.87	17.72	19.13

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