# SUBMITTAL DATA – CASSETTE TYPE
# LISH034160U332 - LICH8034160U332
# SINGLE ZONE INVERTER MINI-SPLIT HEAT PUMP

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

## FEATURES

Outdoor Unit: **LISH034160U332**
Outdoor Unit Cat Number: **37H81**




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

Indoor Unit: **LICH8034160U332**
Indoor Unit Cat Number: **37J10**



- 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) | 98.4 ft. (30 m) |
| Maximum Elevation - Outdoor Unit Below/Above Indoor Unit ft. (m) | 82 ft. (25 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) | 34,100 |
| EER(W/W) | 3.21 |
| SEER(BTUH/W) | 16 |
| Heating Capacity (Btu/h) | 36,800 |
| 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) | 15.5 |
| Minimum Circuit Ampacity (A) | - |
| Maximum Overcurrent Protection (A) | - |
| Compressor RLA (A) | 4.3 |
| No. of Compressors | 1 |

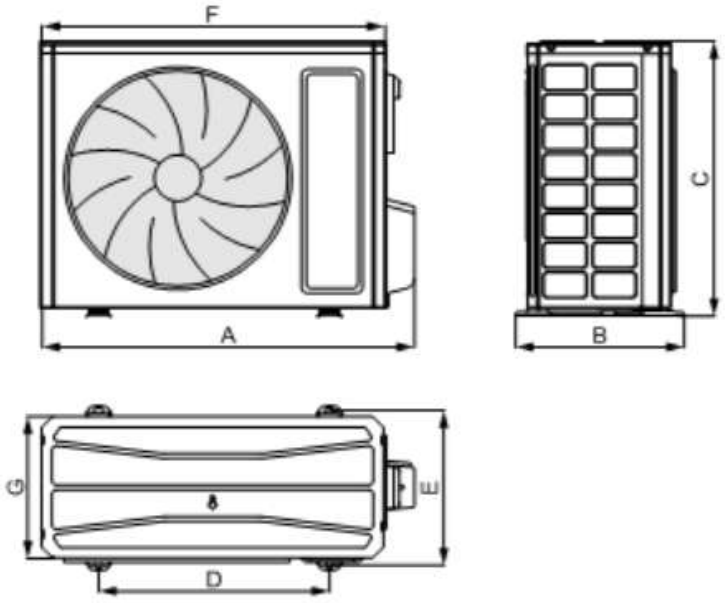
| GENERAL DATA | |
|---|---|
| Connection Ratio (%) | 100% |
| Max. # of Indoor Units | 1 |
| Sound Data (dBA) - Cooling/Heating | 58 |
| Refrigerant type | R32 |
| Factory refrigerant charge | 3.3 lbs. 52.9 oz. |

| DIMENSIONS | | |
|---|---|---|
| Unit Dimensions (in) | Height | 26 |
| | Width | 35 |
| | Depth | 13.4 |
| Shipping Weight (lb) | | 112.5 |
| Net Weight (lb) | | 103.6 |

**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 |
|---|---|---|---|---|---|---|---|---|
| 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 | 1059 |
| | High | 942 |
| | Medium | 824 |
| | Low | 706 |
| External Static Pressure (in. w.g.) | | - |
| Sound Pressure (dBA) | Turbo | 49 |
| | High | 47 |
| | Medium | 43 |
| | Low | 40 |
| **ELECTRICAL DATA** | | |
| Power Supply (V/Hz/ϕ) | | 220-240-50/60-1 |
| Full load amps (FLA) | | - |
| Power Output (W) | | - |
| **DIMENSIONS** | | |
| Unit Dimensions (in) | Height | 9.4 |
| | Width | 33.1 |
| | Depth | 33.1 |
| Unit Net/Shipping Weight (lb) | | 50.7/63.9 |

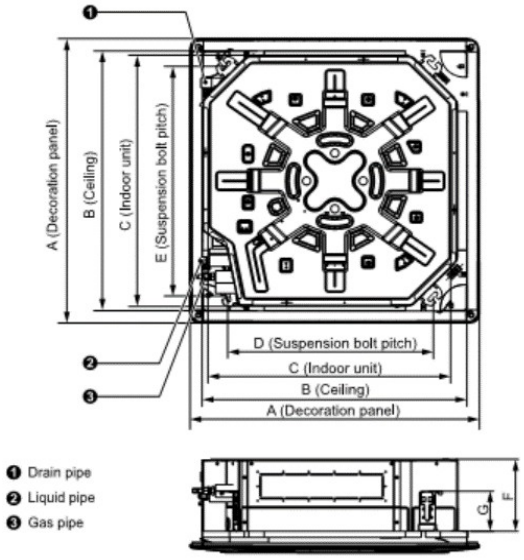
## WIRELESS REMOTE CONTROLLER SPECIFICATION

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

## DISPLAY



## INDOOR DIMENSIONAL DRAWINGS - INCHES (MM)




| IDU | UNIT | A | B | C | D | E | F | G |
|---|---|---|---|---|---|---|---|---|
| 34K/42K/48K | mm | 950 | 890 | 840 | 680 | 780 | 240 | 135 |
| | inch | 37.4 | 35 | 33.1 | 26.8 | 30.7 | 9.4 | 5.3 |

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