SUBMITTAL DATA – FLOOR CEILING TYPE
LISH018160U332 - LIUH018160U332
SINGLE ZONE INVERTER MINI-SPLIT HEAT PUMP

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

FEATURES

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

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

Indoor Unit: **LIUH018160U332**
Indoor Unit Cat Number: **37J20**

- 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)	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

WIFI Wired Control (37J42 LCACWIFI1-1332)

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OUTDOOR SPECIFICATIONS

PERFORMANCE	
Cooling Capacity (Btu/h)	18,000
EER(W/W)	3.35
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

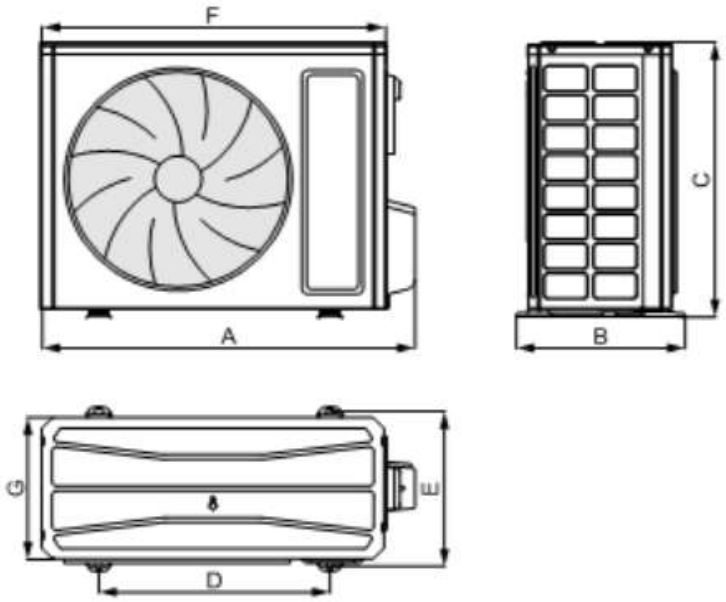
GENERAL DATA	
Connection Ratio (%)	100%
Max. # of Indoor Units	1
Sound Data (dBA) - Cooling/Heating	49
Refrigerant type	R32
Factory refrigerant charge	1.87 lbs. 30 oz.

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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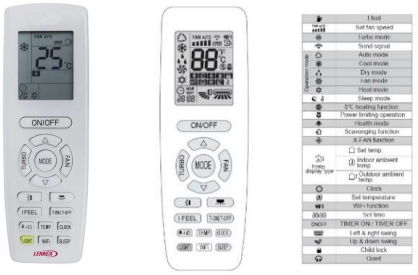
INDOOR SPECIFICATIONS

PERFORMANCE		
Airflow (CFM)	Turbo	647
	High	589
	Medium	530
	Low	412
External Static Pressure (in. w.g.)		-
Sound Pressure (dBA)	Turbo	47
	High	45
	Medium	43
	Low	38
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

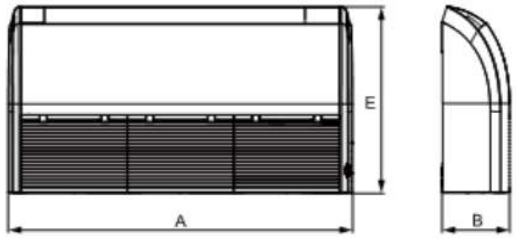
WIRELESS REMOTE CONTROLLER SPECIFICATION

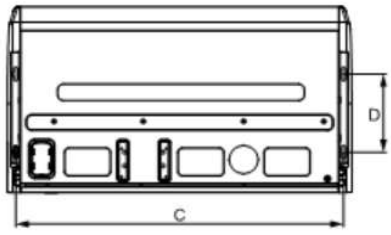
37B67 (YAP1F7)	
Power Supply	2 AAA Batteries (Included)
Setpoint Range	61°F(16ºC) - 86°F(30ºC)
Effective Receiving Range	26 ft.(8m)

DISPLAY



INDOOR DIMENSIONAL DRAWINGS - INCHES (MM)





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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