



SUBMITTAL DATA – FAN COIL
LISH048000P431-C - LIFHC048180P431-C1
SINGLE ZONE INVERTER MINI-SPLIT HEAT PUMP

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

Engineer: _____
Architect: _____
Date: _____

FEATURES

Outdoor Unit: **LISH048000P431-C**
Outdoor Unit Cat Number: **Y7925**

Indoor Unit: **LIFHC048180P431-C1**
Indoor Unit Cat Number: **Y9261**



- DC Inverter Compressor
- DC ODU Motor
- Golden Fin



- Auto Restart
- DC IDU Motor
- Compact Design
- Wireless Control Included
- Wired Control Included
- Water Pump Included
- Washable Filter Included

PIPING

Line Set and Elevation Guidelines

Maximum Line Set Length ft. (m)	213 ft. (65 m)
Maximum Elevation - Outdoor Unit Below/Above Indoor Unit ft. (m)	98 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



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OUTDOOR SPECIFICATIONS

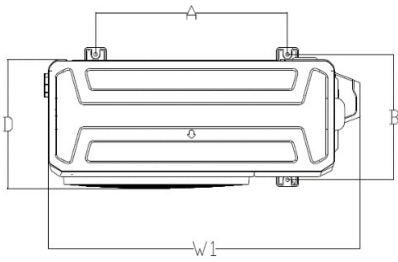
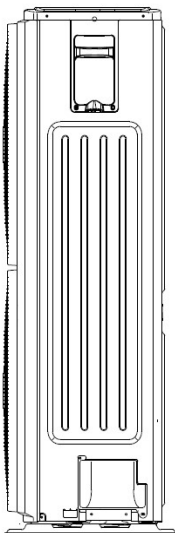
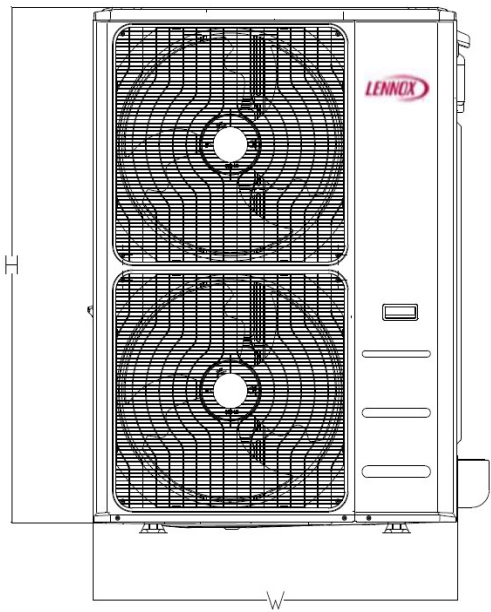
PERFORMANCE	
Cooling Capacity (Btu/h)	48,000
EER(W/W)	2.61
SEER(BTUH/W)	17.4
Heating Capacity (Btu/h)	49,500
HSPF	10.3
Outdoor Fan Total Air Volume (CFM)	4,470
Ambient Temperature Operating Range	
Cooling	5°F(-15°C) - 122°F(50°C)
Heating	5°F(-15°C) - 86°F(30°C)
ELECTRICAL DATA	
Power Supply (V/Hz/ϕ)	208-230/60/1
Minimum Circuit Ampacity (A)	35
Maximum Overcurrent Protection (A)	50
Outdoor Fan Motor RLA (A)	.39
Compressor RLA (A)	23.5
No. of Compressors	1

GENERAL DATA	
Connection Ratio (%)	100%
Max. # of Indoor Units	1
Sound Data (dBA) - Cooling/Heating	62.5
Refrigerant type	R-410A
Factory refrigerant charge	9.26 lbs. 148.2 oz.

DIMENSIONS		
Unit Dimensions (in)	Height	52.5
	Width	37.5
	Depth	16.3
Shipping Weight (lb)		246
Net Weight (lb)		217.4

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: 70°FDB / 60°FWB Indoor, 47°FDB/ 43°FWB Outdoor

OUTDOOR DIMENSIONAL DRAWINGS - INCHES (MM)



ODU	Inch	mm
W	37.5	952
D	16.3	415
H	52.5	1333
W1	41.1	1045
A	25.0	634
B	15.9	404

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INDOOR SPECIFICATIONS

PERFORMANCE		
Airflow (CFM)	Turbo	/
	High	1470
	Medium	1180
	Low	940
External Static Pressure (Pa)		50
Sound Pressure (dBA)	Turbo	/
	High	52
	Medium	49
	Low	46

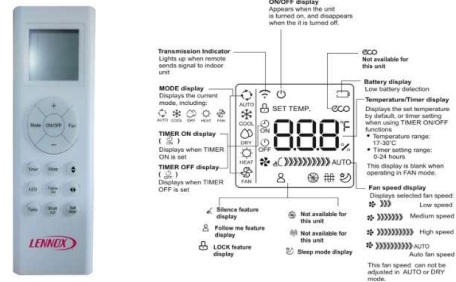
ELECTRICAL DATA	
Power Supply (V/Hz/φ)	208-230/60/1
Rated load amps (RLA)	1.8
Power Output (W)	560

DIMENSIONS		
Unit Dimensions (in)	Height	11.8
	Width	47.2
	Depth	34.4
Unit Net/Shipping Weight (lb)		119.7/141.8

WIRELESS REMOTE CONTROLLER SPECIFICATIONS

18Y54 (RG66A1/BGEFU1)	
Power Supply	2 AAA Batteries (Included)
Setpoint Range	62°F(17°C) - 86°F(30°C)
Effective Receiving Range	26 ft.(8m)

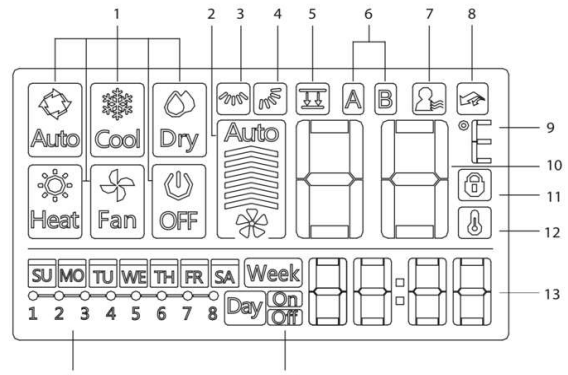
DISPLAY



WIRED CONTROLLER SPECIFICATIONS

21F35 (KJR-120G2/TFBG-E-03)	
Power Supply	DC 12V, Supplied by IDU
Setpoint Range	62°F(17°C) - 86°F(30°C)
Effective Receiving Range	65 ft.(20m)

DISPLAY



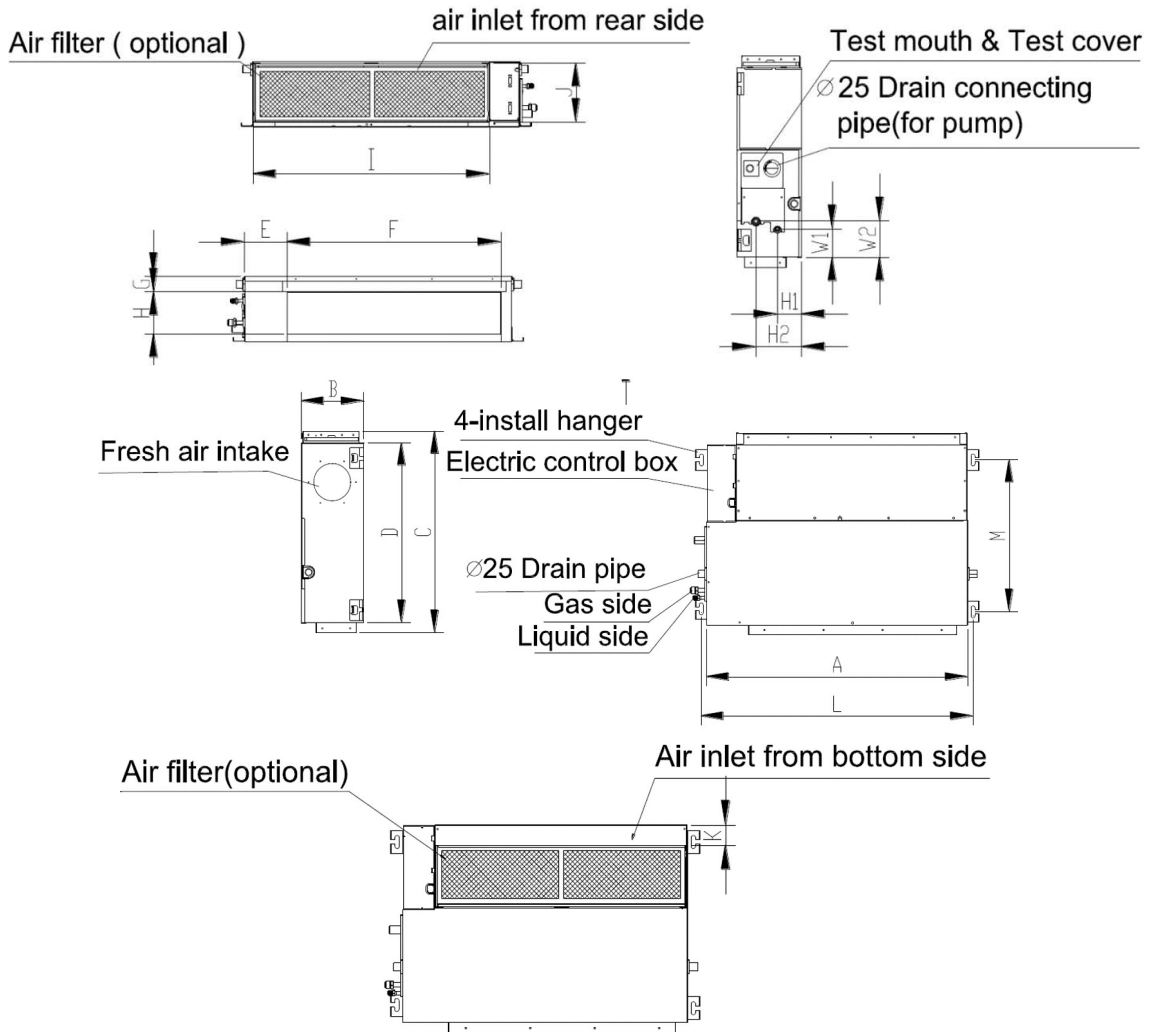
1. Operation mode indicator
2. Fan speed indicator
3. Left-right swing indicator
4. Up-down swing indicator
5. Panel function indicator
6. Main unit and secondary unit indicator
7. Follow me function indicator
8. Turbo/Auxiliary Heat function indicator
9. °C / °F indicator
10. Temperature display
11. Lock indicator
12. Room temperature indicator
13. Clock display
14. On/Off timer
15. Timer display

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INDOOR DIMENSIONAL DRAWINGS - INCHES (MM)



IDU	UNIT	A	B	C	D	E	F	G	H	I	J	K	L	M	H1	H2	W1	W2
48K	mm	1200	300	874	800	123	1044	50	227	1101	280	5	1240	697	80	150	185	210
	inch	47.2	11.8	34.4	31.5	4.8	41.1	2.0	8.9	43.3	11.0	0.2	48.8	27.4	3.1	5.9	7.3	8.3

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