

Job Name/Location:

Tag No.:

Date:

For: File Resubmit  
Approval Other

PO No.:

Architect: GC:

Engr: Mech:

Rep:  
(Company) (Project Manager)



**KNUAK121A**

R32 Multi F Art Cool™ Mirror Wall Mounted Indoor Unit

12,000 Btu/h



#### Performance:

Nominal Cooling Capacity (Btu/h)	12,000
Nominal Heating Capacity (Btu/h)	13,600

Cooling Nominal Test Conditions:  
Indoor: 80°F DB / 67°F WB  
Outdoor: 95°F DB / 75°F WB

Heating Nominal Test Conditions:  
Indoor: 70°F DB / 60°F WB  
Outdoor: 47°F DB / 43°F WB

#### Electrical:

Power Supply (V/Hz/Ø) <sup>1,2</sup>	208-230/60/1
Rated Current (A)	0.4

#### Piping:

Installed Liquid Pipe (in., O.D.)	Ø1/4
Installed Vapor Pipe (in., O.D.)	Ø3/8
Liquid Connection (in., O.D.)	Ø1/4
Vapor Connection (in., O.D.)	Ø3/8
Drain (in., O.D. / I.D.)	27/32, 5/8
Temperature Sensor	Thermistor

#### Controls Features:

- Left / right and up / down auto swing
- 24-Hour on/off timer
- Auto operation
- Auto restart
- Group control
- Inverter (variable speed fan)
- Jet cool / Jet heat
- 3M Micro Dust Filter
- Self-cleaning indoor coil
- Sleep mode
- R32 leak detection sensor
- Built-in Wi-Fi via Smart ThinQ app
- Compatible with applicable Single Zone Outdoor Units (see single zone literature for matching system details)

#### Included Accessories:

- Wireless Remote Controller — AKB76044208

#### Optional Accessories:

- ☐ Auxiliary Heater Kit - PRARS1
- ☐ Single-Port Shutoff Valve - PRHPZ010A

#### Controller Options:

- ☐ MultiSITE™ CRC\* Controllers
- ☐ Simple Remote Controllers
- ☐ Standard III Remote Controllers
- ☐ Deluxe Remote Controller
- ☐ Remote Temperature Button Sensor
- ☐ Dry Contacts

#### Entering Mixed Air:

Cooling (°F WB)	57 ~ 77
Heating (°F DB)	59 ~ 81

#### Unit Data:

Refrigerant Type	R32
Refrigerant Control	EEV
Sound Pressure (H/M/L) (±3 dB[A]) <sup>3</sup>	38 / 34 / 29
Primary Filter	Washable Pre-filter
Secondary Filter	3M Micro Dust
Net Weight (lbs.)	22.7
Shipping Weight (lbs.)	24.5

#### Fan:

Type	Cross Flow
Quantity	1
Motor/Drive	Brushless Digitally Controlled/Direct
Air Flow H/M/L (CFM)	282 / 233 / 177
Dehumidification (pts./hr.)	2.75

#### Notes:

1. Acceptable operating voltage: 187V-253V.
2. The power wiring and the communication wiring from the outdoor unit to the indoor unit, or from the branch distribution unit to the indoor unit is field supplied and must be stranded, shielded or unshielded (if shielded, it must be grounded to the chassis of the outdoor unit only). All wiring must comply with applicable local and national codes.
  - a. Power Wiring and Communication Wiring from Outdoor Unit to Indoor Unit (No. x AWG) 3 x 14 / 2 x 18.
  - b. Power Wiring and Communication Wiring from Branch Distribution Unit to Indoor Unit (No. x AWG) 3 x 14 / 2 x 18.
3. Sound Pressure levels are tested in an anechoic chamber under ISO Standard 3745.
4. See Engineering Manual for sensible and latent capacities.
5. The indoor unit comes with a dry helium charge.
6. Corresponding refrigerant piping length is in accordance with standard length of each outdoor unit and the level difference is 0 ft. All capacities are net with a combination ratio between 95 - 105%.
7. Must follow installation instructions in the applicable LG installation manual.



**KNUAK121A**  
R32 Multi F Art Cool™ Mirror Wall Mounted Indoor Unit  
12,000 Btu/h



PO No.: \_\_\_\_\_

Unit : inch (mm)

Technical drawings of the R410A 12.1/6 indoor unit, showing dimensions in inches (mm).

**Front View:**

- Overall width: 32-15/16 (837)
- Overall height: 32-15/16 (837)
- Refrigerant, Drain Pipe, and Cable Knock Out Hole: 2-7/32 (56)
- Air Outlet Hole: 2-7/32 (56)
- Display & Remote Controller Signal Receiver Signal
- Bottom
- Air Outlet
- Air Intake
- Refrigerant, Drain Pipe and Cable Knock Out Hole: 2-7/32 (56)
- 10-11/32 (263)
- 2-17/32 (64)
- 3-21/32 (93)
- 12-1/16 (306)
- 2-15/32 (63)
- 32-15/16 (837)
- 3-11/16 (94)
- 2-15/32 (63)
- 12-1/8 (308)
- 5-9/32 (134)
- 7-5/8 (194)
- 5-31/32 (152)
- 3-27/32 (98)
- 5-19/32 (142)
- 2-29/16 (63)
- 29/32 (23)
- 29/32 (23)
- 2-27/32 (69)
- 12-1/8 (308)

**Side View:**

- Overall width: 32-15/16 (837)
- Overall height: 32-15/16 (837)
- Refrigerant, Drain Pipe and Cable Knock Out Hole: 2-7/32 (56)
- Air Outlet Hole: 2-7/32 (56)
- Display & Remote Controller Signal Receiver Signal
- Bottom
- Air Outlet
- Air Intake
- Refrigerant, Drain Pipe and Cable Knock Out Hole: 2-7/32 (56)
- 10-11/32 (263)
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- 29/32 (23)
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- 12-1/8 (308)

**Top View:**

- Overall width: 32-15/16 (837)
- Overall height: 32-15/16 (837)
- Refrigerant, Drain Pipe and Cable Knock Out Hole: 2-7/32 (56)
- Air Outlet Hole: 2-7/32 (56)
- Display & Remote Controller Signal Receiver Signal
- Bottom
- Air Outlet
- Air Intake
- Refrigerant, Drain Pipe and Cable Knock Out Hole: 2-7/32 (56)
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- 29/32 (23)
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**Installation Plate:**

- Overall width: 32-15/16 (837)
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- 29/32 (23)
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**Drain Hose Connection:**

- Overall width: 32-15/16 (837)
- Overall height: 32-15/16 (837)
- Refrigerant, Drain Pipe and Cable Knock Out Hole: 2-7/32 (56)
- Air Outlet Hole: 2-7/32 (56)
- Display & Remote Controller Signal Receiver Signal
- Bottom
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- Air Intake
- Refrigerant, Drain Pipe and Cable Knock Out Hole: 2-7/32 (56)
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- 29/32 (23)
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- 12-1/8 (308)

**Unit Outline:**

- Overall width: 32-15/16 (837)
- Overall height: 32-15/16 (837)
- Refrigerant, Drain Pipe and Cable Knock Out Hole: 2-7/32 (56)
- Air Outlet Hole: 2-7/32 (56)
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- 29/32 (23)
- 29/32 (23)
- 2-27/32 (69)
- 12-1/8 (308)

**Notes:**

- \* If airflow direction control is available.
- Up & Down
- Left & Right
- Decorative Cover
- Terminal Block for Power Supply and Communication
- Refrigerant, Drain Pipe and Cable Knock Out Hole
- Drain Hose Connection
- Unit Outline
- Connecting Gas/Liquid Pipe
- In Case of Left Side Piping