

Job Name/Location:

Tag #:

Date:

For:	File	Resubmit
	Approval	Other_____

PO No.:

Architect: \_\_\_\_\_ GC: \_\_\_\_\_

Engr: \_\_\_\_\_ Mech: \_\_\_\_\_

Rep: \_\_\_\_\_

(Company)

(Project Manager)



## KNUQB121A

Multi F R32 Wall Console Indoor Unit

12,000 Btu/h



### Performance:

Nominal Cooling Capacity (Btu/h)	12,000
Nominal Heating Capacity (Btu/h)	13,650

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 Amps (A)	0.7

### 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.)	21/32, 15/32
Temperature Sensor	Thermistor

### Controls Features:

- Inverter (variable speed fan)
- Auto swing (up and down)
- Jet cool / Jet heat
- Long-life washable prefilter
- Hot start
- Self diagnosis
- Soft dry operation
- Auto operation
- Auto restart
- Child lock
- Sleep mode
- Timer (on/off/weekly)
- Group control
- R32 leak detection sensor
- Compatible with applicable Single Zone Outdoor Units (see single zone literature for matching system details)

### Included Accessories:

- Wireless Remote Controller — AKB75735427

### Optional Accessories:

- Single-Port Shutoff Valve - PRHPZ010A
- Auxiliary Heater Kit - PRARH1

### Controller Options:

- Standard III Wired Remote Controllers
- MultiSITE™ CRC\* Controllers
- Simple Remote Controllers
- Deluxe Remote Controller
- Remote Temperature Button Sensor
- Dry Contacts
- Wi-Fi Module - PWFMD200

### 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) dB(A) <sup>3</sup>	39 / 32 / 27
Primary Filter	Washable Pre-filter
Net Weight (lbs.)	33.7
Shipping Weight (lbs.)	39.7

### Fan:

Type	Turbo
Quantity	1
Motor/Drive	Brushless Digitally Controlled/Direct
Air Flow H/M/L (CFM)	353 / 318 / 244 / 184
Dehumidification (pts./hr.)	2.3

### 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.



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