

Job Name/Location:

Tag No.:

Date:

For: File Resubmit
Approval Other

PO No.:

Architect: GC:

Engr: Mech:

Rep:

(Company)

(Project Manager)



KNUAB121A

R32 Multi F Wall Mounted High Efficiency 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) ^{1,2} | 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
- ☐ R32 Alarm Kit - PLDCAA0S

Controller Options:

- ☐ MultiSITE™ CRC* Controllers
- ☐ Standard III Remote Controllers
- ☐ Deluxe Remote Controller
- ☐ 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]) ³ | 38 / 34 / 29 |
| Primary Filter | Washable Pre-filter |
| Secondary Filter | 3M Micro Dust |
| Net Weight (lbs.) | 19.73 |
| Shipping Weight (lbs.) | 22.7 |

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.



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Unit : Inch (mm)

