

Job Name/Location:

Tag No.:

Date:

For: File Resubmit

PO No.:

Approval Other

Architect:

GC:

Engr:

Mech:

Rep:

(Company)

(Project Manager)

KSUQB091A**R32 Single Zone Low Wall Console**

Outdoor Unit (ODU) - KUSXB091A, Indoor Unit (IDU) - KNUQB091A

**Performance:****Cooling:**

| | |
|--------------------------------|-----------------------|
| Cooling (Min~Rated~Max, Btu/h) | 4,270 ~ 9,000 ~ 9,900 |
| SEER2 | 20 |
| EER2 | 13.2 |

SEER - Seasonal Energy Efficiency Ratio

EER - Energy Efficiency Ratio

Heating:

| | |
|--------------------------------|-------------------------|
| Heating (Min~Rated~Max, Btu/h) | 4,600 ~ 10,100 ~ 14,500 |
| HSPF2 | 10.6 |

HSPF - Heating Seasonal Performance Factor

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 ¹ (V/Hz/Ø) | 208-230 / 60 / 1 |
|------------------------------------|------------------|

Outdoor Unit:

| | |
|---------------------------|--------------------|
| MOP (A) | 15 |
| MCA (A) | 13.4 |
| Cooling Rated Amps (A) | 2.99 |
| Heating Rated Amps (A) | 3.34 |
| Compressor(A) | 9.0 |
| Fan Motor (IDU + ODU) (A) | 0.7 + 0.4 |
| Cooling Power Input (kW) | 0.35 ~ 0.68 ~ 0.88 |
| Heating Power Input (kW) | 0.42 ~ 0.76 ~ 1.3 |

MOP - Maximum Overcurrent Protection

MCA - Minimum Circuit Ampacity

Piping:

| | |
|---|------|
| Liquid Line (in., O.D.) | 1/4 |
| Vapor Line (in., O.D.) | 3/8 |
| Additional Refrigerant (oz./ft.) | 0.22 |
| Max. Pipe Length ² (ft.) | 65.6 |
| Piping Length (no add'l refriger., ft.) | 24.6 |
| Max. Elevation (ft.) | 49.2 |

Features:

- Hot start
- Inverter (variable speed fan)
- Auto restart
- Control lock
- Group control
- Timer (on/off)
- Sleep Mode
- Optional Wi-Fi Control
- R32 leak detection sensor

Included Accessories:

- Wireless Remote Controller — PQWRHQ0FDB

Optional Accessories:

- Drain Pan Heater - PQSH1202
- Wi-Fi module with cable - PWFMD200
- Low Ambient Wind Baffle (Cooling operation to -4°F) - ZLABGP01A

Controller Options:

- MultiSITE™ CRC* Controllers
- Simple Remote Controller
- Standard III Remote Controller
- Dry Contacts

Operating Range:**Outdoor Unit:**

| | |
|-----------------|-----------|
| Cooling (°F DB) | -4 to 118 |
| Heating (°F WB) | -4 to +64 |

Indoor Unit:

| | |
|-----------------|----------|
| Cooling (°F WB) | 57 to 77 |
| Heating (°F DB) | 59 to 81 |

System Data:

| | |
|--|--------------|
| Refrigerant Type | R32 |
| Refrigerant Control | EEV |
| Refrigerant Charge (lbs.) | 2.42 |
| ODU Sound Pressure Max (Cool / Heat) ±3 dB(A) ³ | 47 / 51 |
| IDU Sound Pressure (H/M/L) ±3 dB(A) ³ | 38 / 32 / 27 |
| ODU Net / Shipping Weight (lbs.) | 75 / 79.4 |
| IDU Net / Shipping Weight (lbs.) | 33.7 / 39.7 |
| Heat Exchanger Coating | GoldFin™ |

Fan:

| | |
|---------------------------------------|---------------------------------------|
| ODU Type | Propeller |
| IDU Type | Turbo |
| Fan Speeds (Fan / Cool / Heat) | 4 / 5 / 5 |
| Fan Quantity (ODU + IDU) | 1 + 1 |
| Motor/Drive | Brushless Digitally Controlled/Direct |
| ODU Air Circulation (CFM) | 988 |
| IDU Air Circulation (Max/H/M/L) (CFM) | 318 / 300 / 237 / 177 |
| Dehumidification Rate (pts/hr) | 1.72 |

Notes:

1. Acceptable operating voltage: 187V-253V.
2. Piping lengths are equivalent.
3. Sound Pressure levels are tested in an anechoic chamber under ISO Standard 3745.
4. All power supply wiring to the outdoor unit is field supplied, solid or stranded. The power wiring and the communication wiring from the outdoor 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 Supply Wiring to Outdoor Unit (No. x AWG): 3 x 12 for 9k and 12k.
- b. Power Wiring and Communication Wiring from Outdoor Unit to Indoor Unit (No. x AWG) 3 x 14 / 2 x 18.
5. See Engineering Manual for total and sensible capacities during cooling cycle.
6. The indoor unit comes with a dry helium charge.
7. This data is rated 0 ft. above sea level, with 24.6 ft. of refrigerant line and a 0 ft. level difference between outdoor and indoor units.
8. Must follow installation instructions in the applicable LG installation manual.



Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps (excluding ductless systems) must be matched with appropriate coil components to meet ENERGY STAR® criteria. Ask your contractor for details or visit www.energystar.gov. (ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the U.S. Environmental Protection Agency.)

For a complete list of available accessories, contact your LG representative.

For continual product development, LG reserves the right to change specifications without notice.

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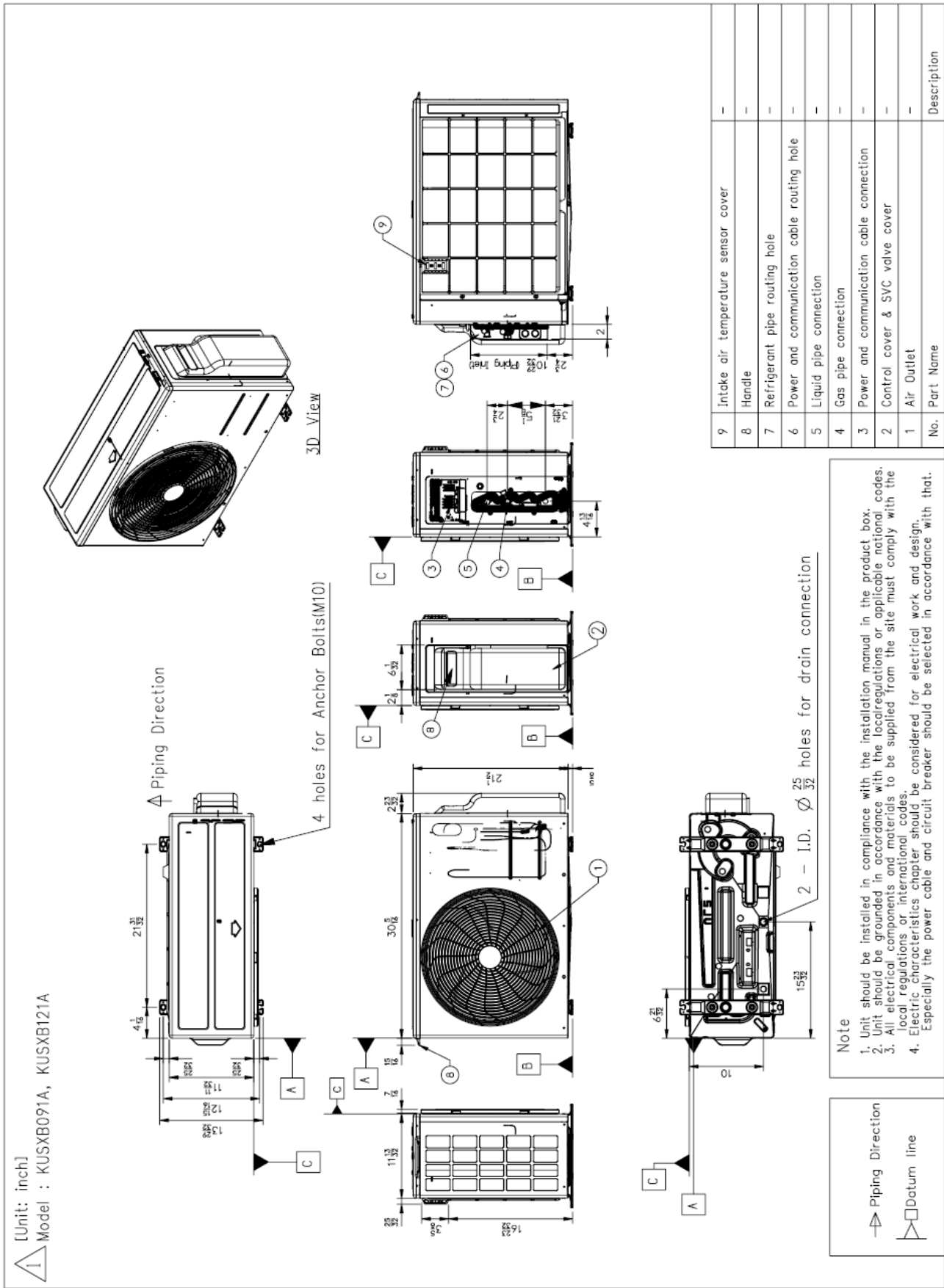
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