Date: _____

For:　File　　Resubmit

　Approval　Other_____

PO No.: _____

Architect: _____　**GC:** _____
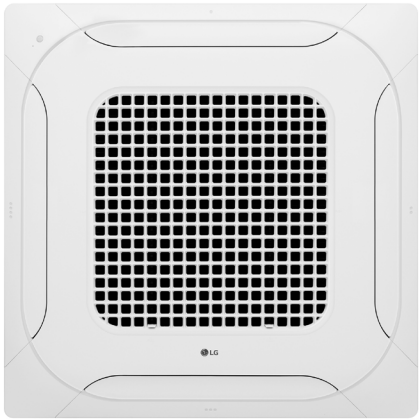
Engr: _____　**Mech:** _____

Rep: _____

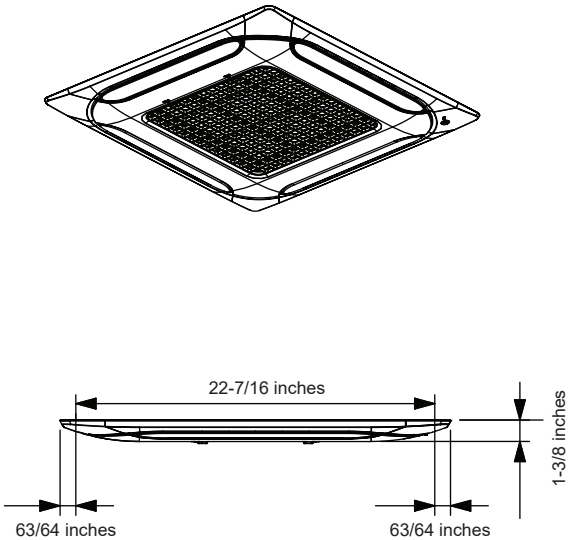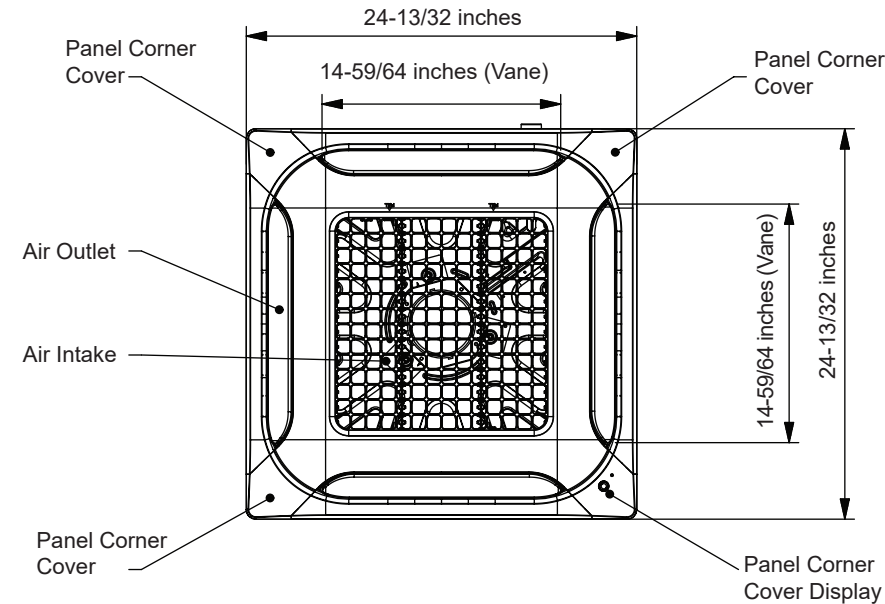(Company)　　　　　　　　　　　(Project Manager)

PT-QAGW0
2' x 2' Cassette Panel
For Multi V™/Single-Zone /Multi F 4-Way Ceiling-Cassette Indoor Units

LG
Life's Good

Unit Data:

Color	White
RAL Color Code	RAL 9003
RGB Color Code	236 - 236 - 231
Material	ABS XG571
Net Dimensions (W x H x D, in.)	24-13/32 x 1-3/8 x 24-13/32
Shipping Dimensions (W x H x D, in.)	27-/32 x 5 x 26-1/2
Net Weight (lbs.)	6.3
Shipping Weight (lbs.)	8.6
Display LED Color	Green
Filter	Washable

Panel Corner Cover

Panel Corner Cover

Air Outlet

Air Intake

Panel Corner Cover

24-13/32 inches

14-59/64 inches (Vane)

14-59/64 inches (Vane)

24-13/32 inches

Panel Corner Cover Display

22-7/16 inches

1-3/8 inches

63/64 inches

63/64 inches

Job Name/Location: _____   Tag No: _____

Date: _____

PO No.: _____

| For: | File | Resubmit |
| Approval | Other_____ |

Architect: _____   GC: _____

Engr: _____   Mech: _____

Rep: _____
(Company)   (Project Manager)

KNUDB181A
R32 Multi F 2 x 2 Four-Way Ceiling Cassette Indoor Unit
18,000 Btu/h

Performance:

Nominal Cooling Capacity (Btu/h)	18,000
Nominal Heating Capacity (Btu/h)	20,800

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 Amps (A)	0.25

Piping:

Installed Liquid Pipe (in., O.D.)	ø1/4
Installed Vapor Pipe (in., O.D.)	ø1/2
Liquid Connection (in., O.D.)	ø1/4
Vapor Connection (in., O.D.)	ø1/2
Drain (in., O.D. / I.D.)	1-1/4, 1
Temperature Sensor	Thermistor

Controls Features:

- Two thermistor control
- 24-Hour on / off timer
- Auto operation
- Auto restart
- Swirl swing
- Control lock function
- Drain pump
- Group control
- Inverter (variable speed fan)
- Jet cool
- R32 leak detection sensor
- Compatible with accessory Wi-Fi module
- Compatible with applicable Single Zone Outdoor Units (see single zone literature for matching system details)

Included Accessories:

□ Wireless Remote Controller - PWLSSB21H

Required Accessories:

□ Panel (24-13/32" x 24-13/32") - PT-QAGW0

Optional Accessories:

□ Ventilation Flange[3] - PTVK430
□ Auxiliary Heater Kit - PRARH1
□ Wi-Fi Module - PWFMDD200
□ 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 DB)	57 ~ 77
Heating (°F WB)	59 ~ 81

Unit Data:

Refrigerant Type	R32
Refrigerant Control	EEV
Sound Pressure (H/M/L) dB(A)[4]	41 / 39 / 36
Standard Filter[5]	Washable
Net Weight (lbs.)	30.9
Shipping Weight (lbs.)	37
Panel Net Weight (lbs.)	6.3
Panel Shipping Weight (lbs.)	8.6

Fan:

Type	Turbo
Quantity	1
Motor/Drive	Brushless Digitally Controlled/Direct
Air Flow H/M/L (CFM)	459 / 424 / 388
Dehumidification Rate (pts./hr.)	3.1

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. Must comply with applicable codes for fire isolation dampers.
4. Sound Pressure levels are tested in an anechoic chamber under ISO Standard 3745.
5. Removable Washable Filter size: 14" x 14" x 1".
6. See Engineering Manual for sensible and latent capacities.
7. The indoor unit comes with a dry helium charge.
8. 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%.
9. Must follow installation instructions in the applicable LG installation manual.
10. Multi compatible 18k IDUs include socket adapters for refrigerant pipe connections with single zone systems.

KNUDB181A
R32 Multi F 2 x 2 Four-Way Ceiling Cassette Indoor Unit
18,000 Btu/h

LG

Tag No.: _____

Date: _____

PO No.: _____

3D View

(Keep this distance between the bottom surface of body and Ceiling Surface)

No.	Part Name	Description
12	Outside Air Intake Hole	Knock-out type
11	Flexible Drain Hose	Supplied with product
10	Decoration Corner Display Cover	Supplied with panel
9	Decoration Corner Cover	Supplied with panel
8	Decoration Panel (Accessory)	PT-QAGW0
7	Air Outlet	–
6	Air Intake	–
5	Wired remote controller wire routing hole	–
4	Power and Communication cable routing hole	–
3	Drain Pipe Connection	–
2	Liquid Pipe Connection	–
1	Vapor Pipe Connection	–

Unit: Inch

Branch Duct Knockout

4- Ø 1/8
Ø 2-3/4

View A
Outside Air Intake Hole

Maximum Condensate Lift: 27-9/16

Symbols
⇨ View Direction
▢ Datum line
→ Refrigerant/Drain Piping Direction

Note:
1. Unit should be installed in compliance with the installation manual.
2. Unit should be grounded in accordance with the local regulations or applicable national codes.
3. All electrical components and materials to be supplied from the site must comply with the local regulations or international codes.