Job Name/Location:		Tag No:

Date:	For:	File	Resubmit
		Approval	Other

PO No.:

Architect:	GC:
Engr:	Mech:

Rep:

(Company)   (Project Manager)

LCN128HV4
Multi F Ceiling Cassette Indoor Unit
12,000 Btu/h

LG Life's Good

Performance:

Nominal Cooling Capacity (Btu/h)	12,000
Nominal Heating Capacity (Btu/h)	13,800

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 (V¹/Hz/Ø)	208-230/60/1
Rated Amps (A)	0.25

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.)	1-1/4, 1
Temperature Sensor	Thermistor

Controls Features:

- Two thermistor control
- 24-Hour on / off timer
- Auto operation
- Auto restart
- Chaos swing
- Control lock function
- Drain pump
- Group control
- Inverter (variable speed fan)
- Jet cool
- 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 — AKB73757604 (Also referenced by Model No. PQWRHQ0FDB)

Required Accessories:

- ☐ Grille Kit (24-13/32" x 24-13/32") - PT-QAGW0

Optional Accessories:

- ☐ MultiSITE™ CRC1 Controller - PREMTBVC2
- ☐ MultiSITE™ CRC1+ Controller - PREMTBVC3
- ☐ MultiSITE™ CRC2+Z Controller - PREMTBVC4
- ☐ Simple Remote Controller - PREMTC00U
- ☐ Standard III Remote Controller (White Housing) – PREMTB100
- ☐ Standard III Remote Controller (Black Housing) – PREMTBB10
- ☐ Remote Temperature Button Sensor - ZRTBS01
- ☐ Simple Dry Contact (1 contact, 24 VAC external power) - PDRYCB100
- ☐ Dry Contact for Third Party Thermostat - PDRYCB320
- ☐ Dry Contact for Economizer - PDRYCB400
- ☐ Auxiliary Heater Kit - PRARH1
- ☐ Wi-Fi Module - PWFMDD200

Entering Mixed Air:

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

Unit Data:

Refrigerant Type	R410A
Refrigerant Control	EEV
Sound Pressure (H/M/L) dB(A)[2]	38 / 35 / 32
Primary Filter[3]	Washable Pre-filter
Net Weight (lbs.)	29
Shipping Weight (lbs.)	34
Grille Net Weight (lbs.)	7
Grille Shipping Weight (lbs.)	9

Fan:

Type	Turbo
Quantity	1
Motor/Drive	Brushless Digitally Controlled/Direct
Air Flow H/M/L (CFM)	335 / 283 / 247

Notes:
1. Acceptable operating voltage: 187V-253V.
2. Sound Pressure levels are tested in an anechoic chamber under ISO Standard 3745.
3. Removable Washable Filter size: 14" x 14" x 1".
4. See Engineering Manual for sensible and latent capacities.
5. All communication / connection (power) cable from the outdoor unit to the indoor unit is field supplied and must be a minimum of four-conductor, 14 AWG, stranded, shielded or unshielded (if shielded, it must be grounded to the chassis of the outdoor unit only), and must comply with applicable local and national codes.
6. Power wiring cable size must comply with the applicable local and national codes.
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.

162279

CSA ® US

AHRI CERTIFIED®
www.ahridirectory.org
Unitary Small HP
AHRI Standard 210/240
Certification applies only when the complete system is listed with AHRI.

LCN128HV4
Multi F Ceiling Cassette Indoor Unit
12.000 Btu/h

Unit: Inch

Branch Duct Knockout

Outside Air Intake Hole

View A

Maximum Condensate Lift: 27-9/16
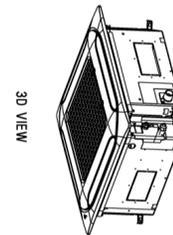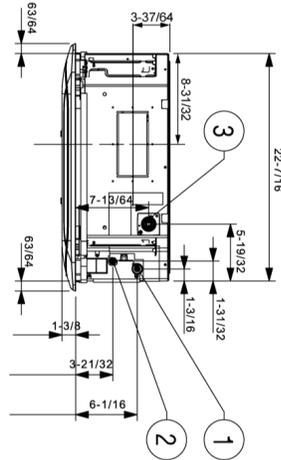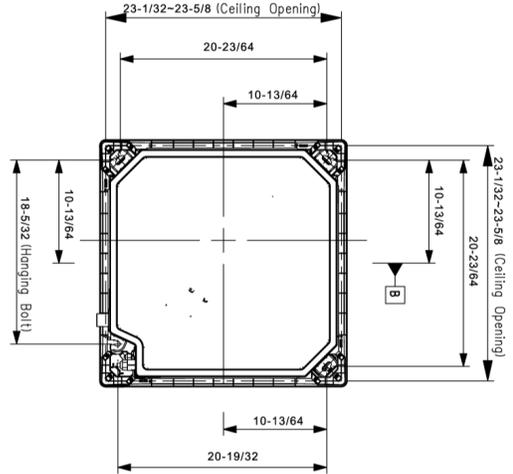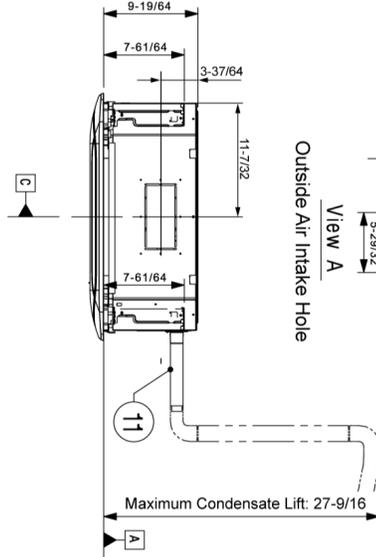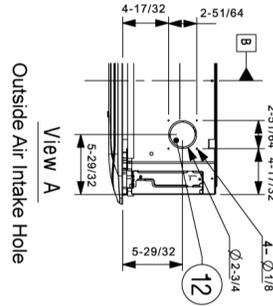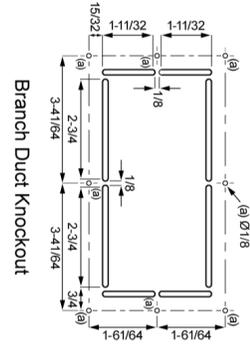
3D VIEW
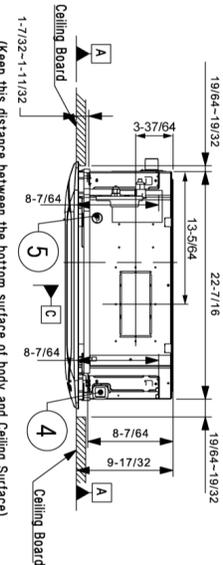
Symbols

⇨ View Direction

⇨ Refrigerant/Drain Piping Direction

▶ Datum line

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.

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

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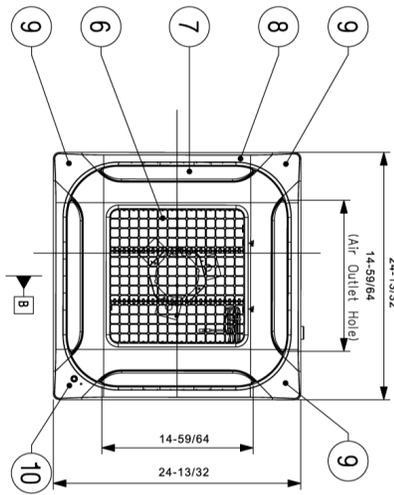
No.	Part Name	Description
12	Outside Air Intake Hole	Knock-out type
11	Flexible Drain Hose	Supplied with product
10	Decoration Corner Display Cover	Supplied with panel
9	Decoration Corner Cover	Supplied with panel
8	Decoration Panel(Accessory)	PT-QAGW0
7	Air Outlet	-
6	Air Intake	-
5	Wired remote controller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