

Job Name/Location:

Tag No.:

Date:

For:	File	Resubmit
	Approval	Other_____

PO No.:

Architect:

GC:

Engr:

Mech:

Rep:

(Company)

(Project Manager)



ARNU123TRD4

Multi V™ Four-Way 2' x 2' Ceiling Cassette

12,300 Btu/h Indoor Unit

Performance:

Cooling Capacity (Btu/h) ¹	12,300
Heating Capacity (Btu/h) ¹	13,600
L/M/H Power Input at Factory Default (W)	13 / 15 / 17

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

Electrical:

Power Supply (V/Hz/Ø)	208-230/60/1
Rated Amps	0.20

Piping:

Refrigerant	
Liquid Line (in., O.D.)	1/4 Flare
Vapor Line (in., O.D.)	1/2 Flare
Condensate	
Condensate Line (in., I.D.)	1
Factory Installed Pump ²	Yes

Controls Features:

- Auto changeover (Heat Recovery only)
- Auto operation
- Auto restart
- Dual thermistor control
- Dual setpoint control
- Timer (on/off)
- Weekly schedule
- Auto direction/ swing (up/down)
- Swirl wind (alternating vanes)
- Fan speed control
- Jet cool (fast cooling)
- Filter life display
- Multiple auxiliary heater applications
- Child lock
- Group control
- High ceiling
- Hot start
- Self diagnostics
- External on/off control
- Wi-Fi compatible
- Auto fan
- Leak detection

Required Accessories:

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

Optional Accessories:

- Ventilation Flange - PTVK430
- Wireless Remote Controller - PWLSSB21H
- MultiSITE™ CRC2 Controller - PREMTBVC2
- MultiSITE CRC2+ Controller - PREMTBVC3
- MultiSITE CRC2+Z Controller - PREMTBVC4
- Simple Remote Controller - PREMTCO0U
- Standard III Remote Controller (White Housing) – PREMTB100
- Standard III Remote Controller (Black Housing) – PREMTBB10
- Deluxe Remote Controller – PREMTA201
- Remote Temperature Button Sensor - ZRTBS01
- Simple Dry Contact (1 contact, 24 VAC external power) - PDRYCB100
- Dry Contact for Third Party Thermostat⁵ - PDRYCB320
- Dry Contact for Economizer - PDRYCB400
- Auxiliary Heater Kit⁵ - PRARH1
- Wi-Fi Module - PWFMD200

Entering Mixed Air:

Cooling Maximum ¹ (°F WB)	76
Heating Minimum (°F DB)	59

Unit Data:

Refrigerant Type	R410A
Refrigerant Control	EEV
Sound Pressure dB(A) (H/M/L) ³	32 / 30 / 27
Sound Power dB(A) (H) ⁴	48
Standard Filter Type	Washable
Unit Net Weight (lbs.)	32
Unit Shipping Weight (lbs.)	38
Panel Net Weight (lbs.)	7
Panel Shipping Weight (lbs.)	11

Fan:

Type	Turbo
Quantity	1
Motor/Drive	Brushless Digitally Controlled/Direct
Motor Quantity	1
Air Flow Rate H/M/L (CFM)	307 / 283 / 247

Notes:

1. See Engineering Manual for sensible and latent capacities.
2. Maximum lift is 27-9/16 inches from bottom of unit.
3. Sound Pressure levels are tested in an anechoic chamber under ISO Standard 3745.
4. Sound Power levels are tested in a reverberation chamber under ISO Standard 3741.
5. If a Third-Party Dry Contact and an LG internal heater or an LG Auxiliary Heater Kit is installed, supplemental heat capability cannot be controlled by the Third-Party Thermostat.
6. Communication cable between (main) outdoor unit to indoor units / heat recovery units to be 18 AWG, 2-conductor, twisted, stranded, shielded. Ensure the communication cable shield is properly grounded to the (main) outdoor unit chassis only. **DO NOT** ground the outdoor unit to indoor units / heat recovery units communication cable at any other point. Wiring must comply with all applicable local and national codes.
7. Power wiring is field provided, and must comply with the applicable local and national codes.
8. This unit comes with a dry nitrogen charge.
9. All capacities are net with a combination ratio between 95 – 105%.
10. Must follow installation instructions in the applicable LG installation manual.



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12,300 Btu/h Indoor Unit

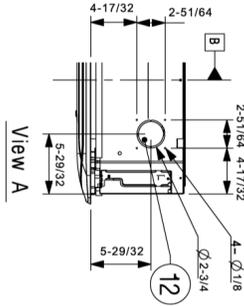
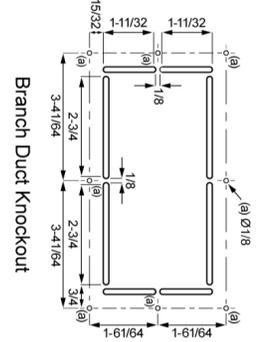


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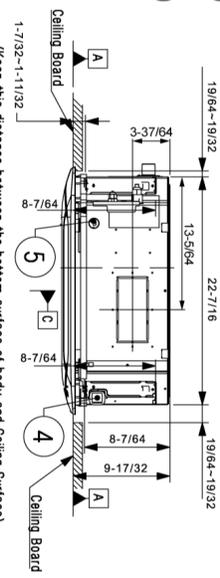
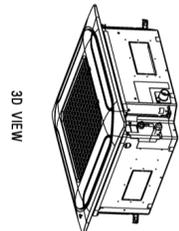
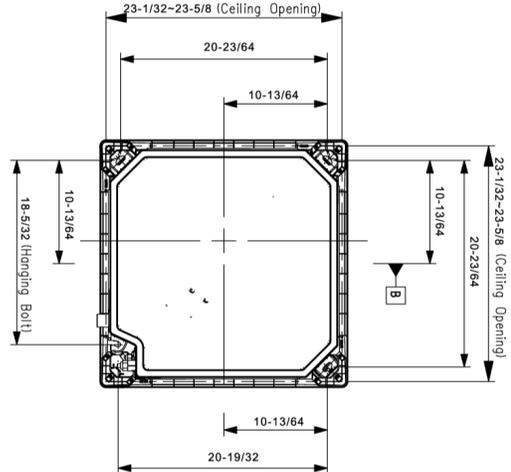
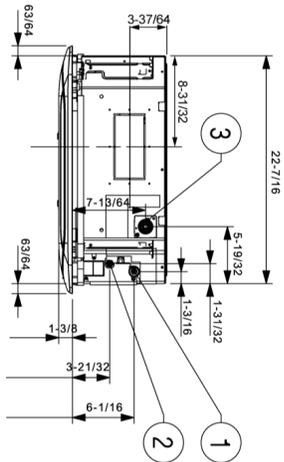
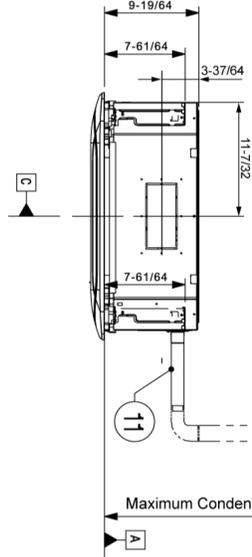
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Unit: Inch



View A
Outside Air Intake Hole



Symbols

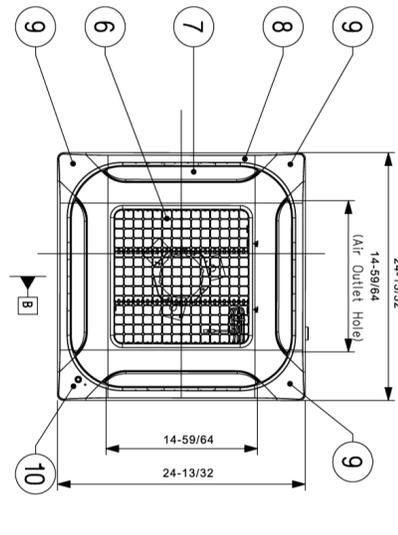
↔ View Direction

↔ 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.



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	-