

Job Name/Location:

Tag No.:

Date:

For: File Resubmit

PO No.:

Approval Other

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 |
| Power Input ² | 30 |

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 ³ | 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:

- ☐ Grille Kit (27-9/16" x 27-9/16") - PT-UQC, or
- ☐ Grille Kit (24-7/16" x 24-7/16") - PT-QCHW0

Optional Accessories:

- ☐ Wireless Remote Controller - PQWRHQ0FDB
- ☐ MultiSITE™ CRC1 Controller - PREMTBVC0
- ☐ MultiSITE™ CRC1+ Controller - PREMTBVC1
- ☐ Simple Remote Controller - PREMTCC00U
- ☐ Premium Remote Controller - PREMTA000
- ☐ Remote Temperature Button Sensor - ZRTBS01
- ☐ Simple Dry Contact (1 contact, 24 VAC external power) - PDRYCB100
- ☐ Dry Contact for Third Party Thermostat - PDRYCB300
- ☐ Dry Contact for Economizer - PDRYCB400
- ☐ Ventilation Kit - PTVK430
- ☐ Cassette Decorative Cover - PTDCQ
- ☐ Plasma Filter Kit - PTPKQ0
- ☐ Auxiliary Heater Kit - 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) ⁴ | 32 / 30 / 27 |
| Primary Filter Type | Washable |
| Secondary Filter Type ⁵ | Plasma |
| Unit Net Weight (lbs.) | 32 |
| Unit Shipping Weight (lbs.) | 38 |
| Grille Net Weight (lbs.) | 7 |
| Grille 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. The Power Input is rated at high speed.
3. Maximum lift is 27-1/2 inches from bottom of unit.
4. Sound Pressure levels are tested in an anechoic chamber under ISO Standard 3745.
5. Communication cable between Master outdoor units 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 Master 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.
6. Power wiring is field provided, and must comply with the applicable local and national codes.
7. This unit comes with a dry nitrogen charge.
8. All capacities are net with a combination ratio between 95 – 105%.
9. Must follow installation instructions in the applicable LG installation manual.



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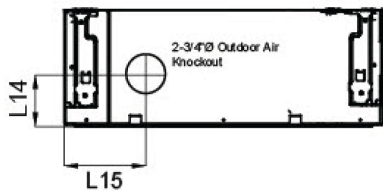
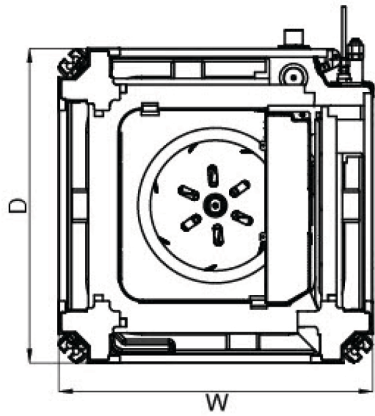
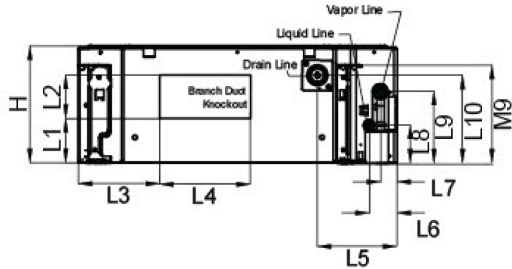
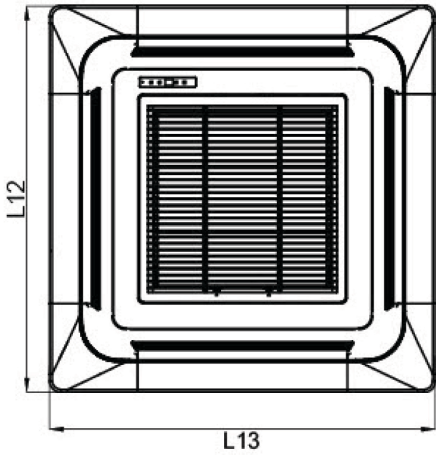
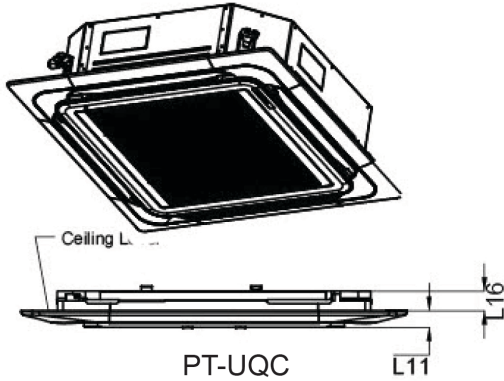
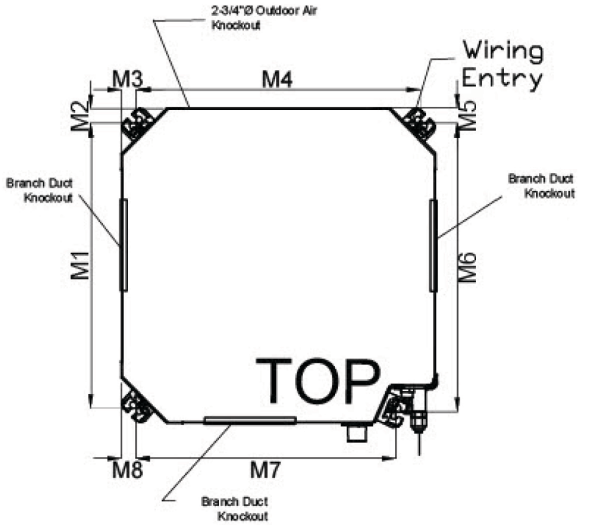
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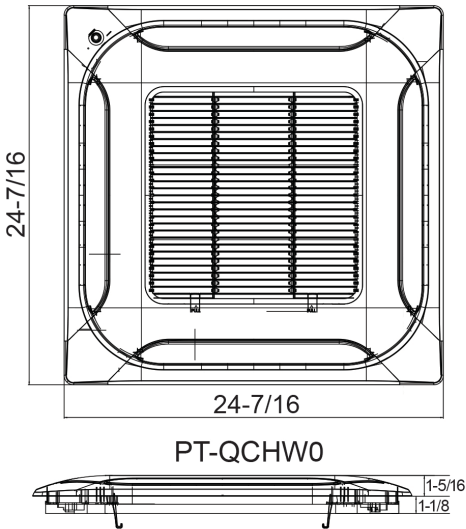
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Chassis



Note - All dimensions have a tolerance of ± 0.25 in.

| | |
|-----|----------|
| W | 22-7/16" |
| H | 8-7/16" |
| D | 22-7/16" |
| L1 | 2-1/8" |
| L2 | 3-1/8" |
| L3 | 5-13/16" |
| L4 | 6-1/2" |
| L5 | 5-5/8" |
| L6 | 1-15/16" |
| L7 | 1-3/16" |
| L8 | 2-3/4" |
| L9 | 5-1/8" |
| L10 | 6-5/16" |
| L11 | 7/8" |
| L12 | 27-9/16" |
| L13 | 27-9/16" |
| L14 | 3-7/16" |
| L15 | 5-7/8" |
| L16 | 1-3/16" |
| M1 | 20-3/8" |
| M2 | 1-1/16" |
| M3 | 1-1/16" |
| M4 | 20-3/8" |
| M5 | 1-1/16" |
| M6 | 20-5/8" |
| M7 | 18-3/16" |
| M8 | 1-1/16" |
| M9 | 6-15/16" |