Job Name/Location: **Tag No.:**

Date:

For: ☐ File ☐ Resubmit ☐ Approval ☐ Other _____

PO No.:

Architect: **GC:**

Engr: **Mech:**

Rep:
(Company) (Project Manager)

ZRNU073TBAA
R32 Multi V™ Four-Way 3' x 3' Compact Dual Vane Ceiling Cassette 7,500 Btu/h Indoor Unit

General:

Ent. Mixed Air Temperature - Cooling (Max.) (WB) (°F)	76
Ent. Mixed Air Temperature - Heating (Min.) (DB) (°F)	59

Performance:

Total Cooling Capacity (Btu/h)	7,500
Heating Capacity (Btu/h)	8,500
Low Power Input at Factory Default (W)	11
Medium Power Input at Factory Default (W)	15
High Power Input at Factory Default (W)	20

Electrical Characteristics:

Rated Amps (A)	0.98
Power Supply (V,Hz,PH)	208-230/60/1

Refrigeration:

ODU Liquid Line Connection Size (in., O.D.)	3/8 Flare
ODU Vapor Line Connection Size (in., O.D.)	5/8 Flare
Refrigerant Type	R32
Refrigerant Control	EEV

Condensate:

Condensate Pipe Diameter (O.D.)	1-1/4
Condensate Pipe Diameter (I.D.)	1
Factory Installed Pump	Yes

Fan:

Type	Full 3D Turbo
Motor/Drive	Brushless Digitally Controlled/Direct
Air Flow Rate (High) (CFM)	506
Air Flow Rate (Medium) (CFM)	456
Air Flow Rate (Low) (CFM)	367
Quantity	1
Motor Quantity	1

Weight:

IDU Net Weight (lbs)	46.3
IDU Shipping Weight (lbs)	57.3
Panel Net Weight (lbs)	15.6
Panel Shipping Weight (lbs.)	20.5

Air Filtration:

Filter Type	Long Life

Sound:

IDU Sound Power (High) (dB(A))	36.5
IDU Sound Power (Medium) (dB(A))	33.7
IDU Sound Power (Low) (dB(A))	31
IDU Sound Pressure (High) (dB(A))	33.9
IDU Sound Pressure (Low) (dB(A))	27.8
IDU Sound Pressure (Medium) (dB(A))	31.6

Controls Features:

- Auto changeover (Heat Recovery only)
- Auto operation
- Auto restart
- Dual thermistor control
- Dual setpoint control
- Timer (on/off)
- Weekly schedule
- Fan speed control
- Multiple fan operation settings
- Various airflow modes
- 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
- R32 leak detection sensor

Controller Options:

- Wireless Remote Controller
- MultiSITE™ CRC* Controllers
- Simple Remote Controllers
- Standard III Remote Controllers
- Remote Temperature Button Sensor
- Dry Contacts

Required Accessories:

☑ Standard Panel - PT-AAGW0

Optional Accessories:

☐ Auxiliary Heater Kit - PRARH1
☐ Premium Panel (includes PT-AFGW0 Panel + PTAHMP0 Air Purification Kit) - PT-AFGW0S
☐ Cassette Decorative Cover - PTDCA
☐ Floor Temperature Sensor - PTFSMA0
☐ Ventilation Air Intake Spacer for Cassettes (requires PTVK420) - PTVK410
☐ 6" Ø Ventilation Air Connection Flange for Cassettes - PTVK420
☐ Ventilation Flange - PTVK430
☐ Human Detection Sensor - PTVSAA0
☐ Wi-Fi Module - PWFMDD200

Intertek

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Notes:

1. See Engineering Manual for sensible and latent capacities.
2. Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.
3. Maximum lift is 27-9/16 inches from bottom of unit.
4. Sound Pressure levels are tested in an anechoic chamber under ISO Standard 3745.
5. Sound Power levels are tested in a reverberation chamber under ISO Standard 3741.
6. 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.
7. 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.
8. Power wiring is field provided and must comply with the applicable local and national codes.
9. This unit comes with a dry nitrogen charge.
10. All capacities are net with a combination ratio between 95 – 105%.
11. Must follow installation instructions in the applicable LG installation manual.

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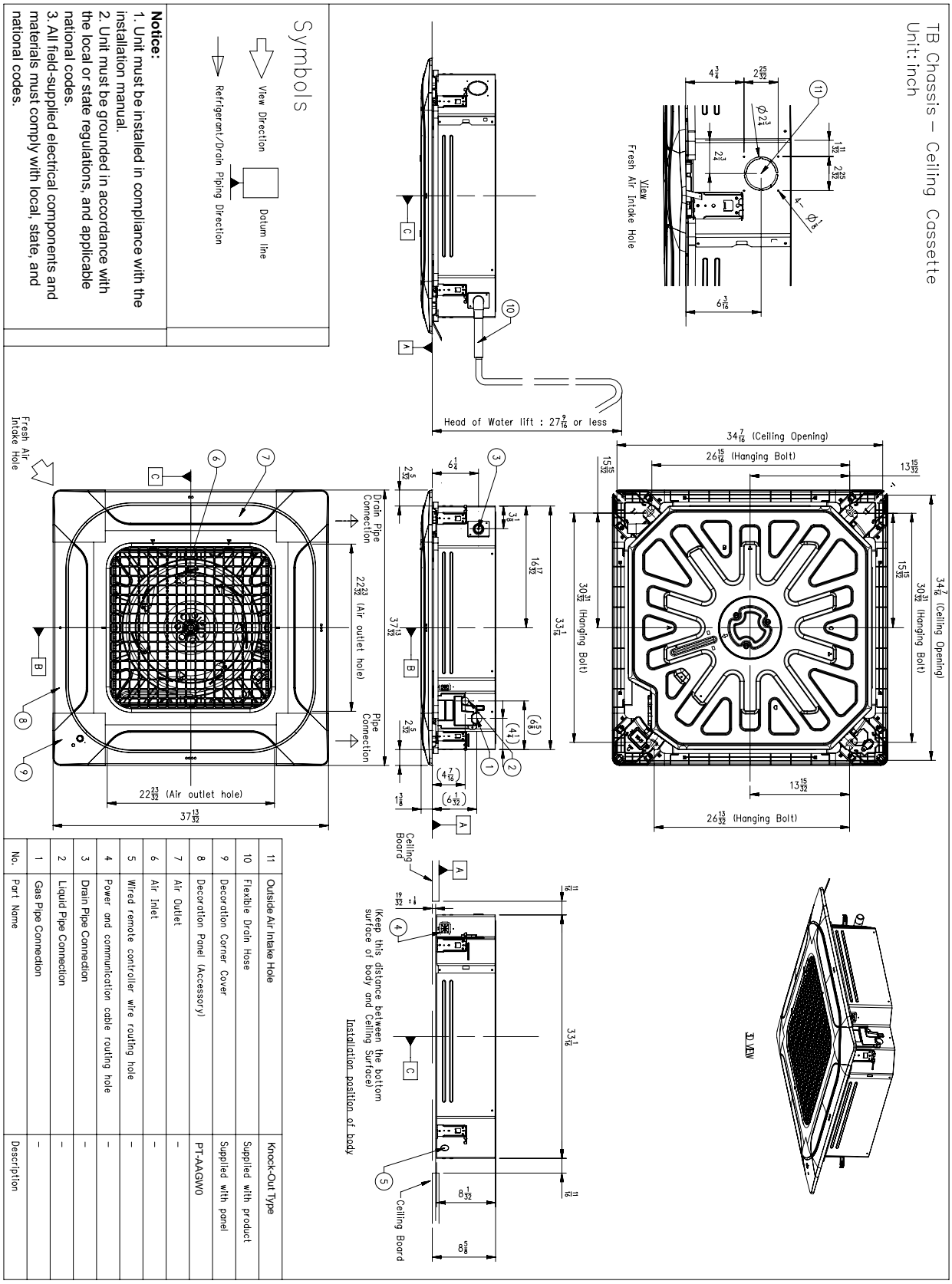

No.	Part Name	Description
11	Outside Air Intake Hole	Knock-Out Type
10	Flexible Drain Hose	Supplied with product
9	Decoration Corner Cover	Supplied with panel
8	Decoration Panel (Accessory)	PT-AAGW0
7	Air Outlet	–
6	Air Inlet	–
5	Wired remote controller wire routing hole	–
4	Power and communication cable routing hole	–
3	Drain Pipe Connection	–
2	Liquid Pipe Connection	–
1	Gas Pipe Connection	–

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