

Job Name/Location:

Tag No.:

Date:

For:	File	Resubmit
	Approval	Other_____

PO No.:

Architect: \_\_\_\_\_ GC: \_\_\_\_\_

Engr: \_\_\_\_\_ Mech: \_\_\_\_\_

Rep: \_\_\_\_\_  
(Company) (Project Manager)



**ZRNU123TCAA**  
**R32 Multi V™ One-Way Ceiling Cassette**  
 12,300 Btu/h Indoor Unit



**Performance:**

Cooling Capacity (Btu/h) <sup>1</sup>	12,300
Heating Capacity (Btu/h) <sup>1</sup>	13,600
L/M/H Power Input at Factory Default (W)	17 / 20 / 23

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at [www.ahridirectory.org](http://www.ahridirectory.org).

**Piping:**

Refrigerant	
Liquid Line (in., O.D.)	1/4 Flare
Vapor Line (in., O.D.)	3/8 Flare
Condensate	
Condensate Line (in., I.D.)	1
Factory Installed Pump <sup>2</sup>	Yes

**Electrical:**

Power Supply (V/Hz/Ø)	208-230/60/1
Rated Amps	0.58

**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)
- Fan speed control
- Jet cool / Jet heat
- Group control
- High ceiling
- Hot start
- Self diagnostics
- Child lock
- External on/off control
- Wi-Fi embedded
- Auto fan
- Multiple auxiliary heater applications
- R32 leak detection sensor

**Required Accessories:**

- Panel (50" x 16-7/32") - PT-UCA

**Optional Accessories:**

- Auxiliary Heater Kit<sup>5</sup> - PRARH1

**Controller Options:**

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

**Entering Mixed Air:**

Cooling Maximum <sup>1</sup> (°F WB)	76
Heating Minimum (°F DB)	59

**Unit Data:**

Refrigerant Type	R32
Refrigerant Control	EEV
Sound Pressure dB(A) (H/M/L) <sup>3</sup>	35 / 32 / 29
Sound Power dB(A) (H) <sup>4</sup>	57
Standard Filter Type	Washable
Unit Net Weight (lbs.)	30.4
Unit Shipping Weight (lbs.)	37.0
Panel Net Weight (lbs.)	10.8
Panel Shipping Weight (lbs.)	13.9

**Fan:**

Type	Cross Flow
Quantity	1
Motor/Drive	Brushless Digitally Controlled/Direct
Motor Quantity	1
Air Flow Rate H/M/L (CFM)	351 / 323 / 283

**Notes:**

1. See Engineering Manual for sensible and latent capacities.
2. Maximum lift is 27-1/2 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. 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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Unit : inch  
 Chassis Code : TC

