

Job Name/Location:

Tag No.:

Date:

For: File Resubmit

PO No.:

Approval Other

Architect:

GC:

Engr:

Mech:

Rep:

(Company)

(Project Manager)

ZRNU183TCAA**R32 Multi V™ One-Way Ceiling Cassette**

19,100 Btu/h Indoor Unit

**Performance:**

Cooling Capacity (Btu/h) ¹	19,100
Heating Capacity (Btu/h) ¹	21,500
L/M/H Power Input at Factory Default (W)	21 / 28 / 41

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

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

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 Kit⁵ - 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 ¹ (°F WB)	76
Heating Minimum (°F DB)	59

Unit Data:

Refrigerant Type	R32
Refrigerant Control	EEV
Sound Pressure dB(A) (H/M/L) ³	44 / 38 / 33
Sound Power dB(A) (H) ⁴	59
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)	480 / 396 / 335

Notes:

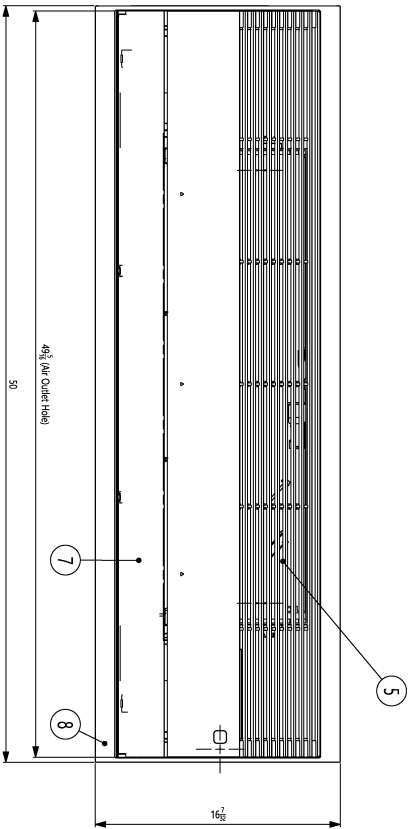
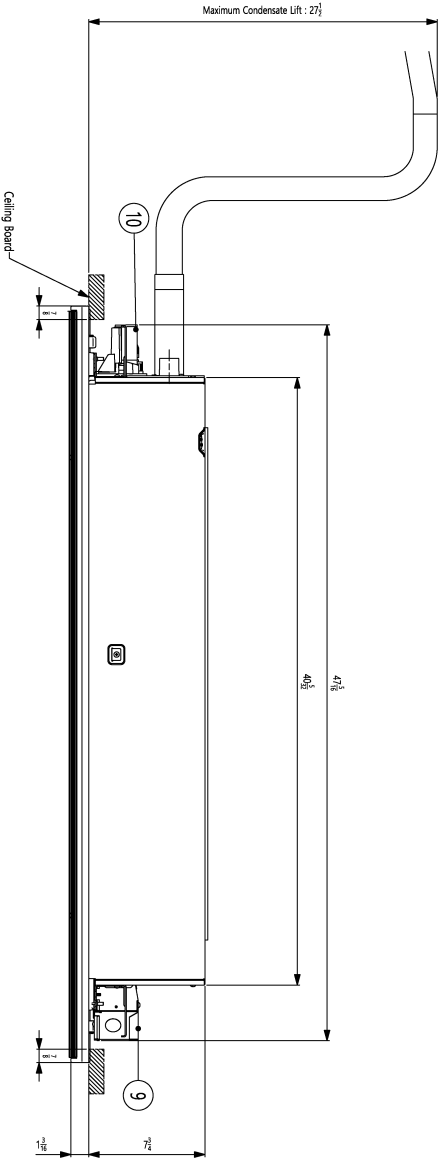
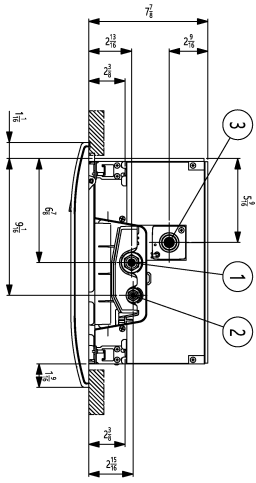
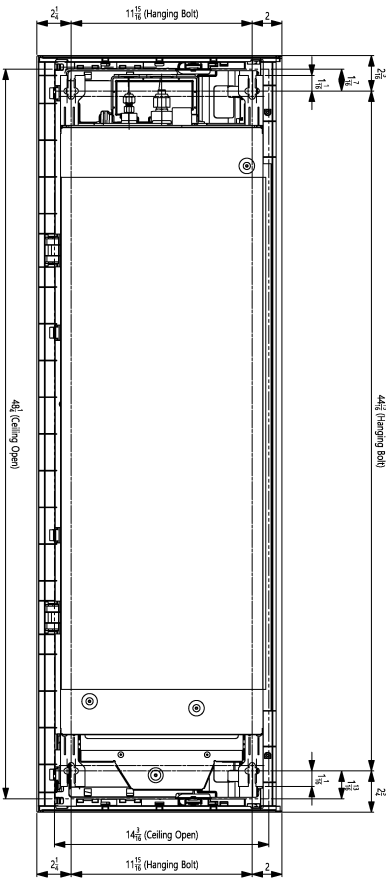
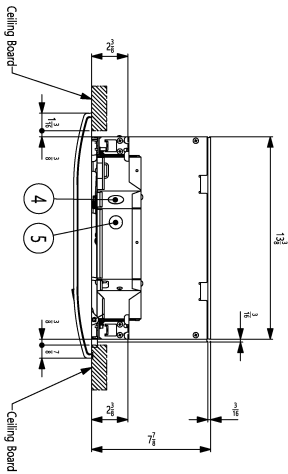
1. See Engineering Manual for sensible and latent capacities.
2. Maximum lift is 27-1/2 inches from bottom of unit.
3. Sound Pressure levels are tested in an anechoic chamber under ISO Standard 3745.
4. Sound Power levels are tested in a reverberation chamber under ISO Standard 3741.
5. If a Third-Party 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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R32 Multi V™ One-Way Ceiling Cassette
19,100 Btu/h Indoor Unit



Tag No.: _____
Date: _____
PO No.: _____

Unit : inch
Chassis Code : TC



Installation position of body

NO.	Part Name	Description
11	Flexible Drain Hose	Supplied with product
10	Cover, Drain	Supplied with product
9	Cable Control Assy	PT-UCA
8	Decorion Panel	Supplied with panel
7	Air Outlet	Supplied with panel (Decorion,Grille)
6	Air Inlet	Knock-out type
5	Wire remote controller wire routing hole	
4	Power and Communication cable routing hole	
3	Drain Pipe Connection	
2	Liquid Pipe Connection	
1	Gas Pipe Connection	