

Job Name/Location:

Tag No.:

Date:

For:	File	Resubmit
	Approval	Other_____

PO No.:

Architect:

GC:

Engr:

Mech:

Rep:

(Company)

(Project Manager)

**ZRNU483M3AA****R32 Multi V™ Mid Static Ducted**

48,100 Btu/h Indoor Unit

**Performance:**

Total Cooling Capacity (Btu/h) ¹	48,100
Heating Capacity (Btu/h) ¹	54,200
Max Power Input (W) ²	650
H/M/L Power Input at Factory Default (W)	172 / 102 / 75

Rated capacity is certified under the latest AHRI Standard 1230-2023. Ratings are subject to change without notice. Current and past certified ratings are available at www.ahridirectory.org.

Electrical:

Power Supply (V/Hz/Ø)	208-230/60/1
Rated Amps (A)	2.5

Piping:**Refrigerant:**

Liquid Line (in., O.D.)	3/8 Flare
Vapor Line (in., O.D.)	5/8 Flare

Condensate:

Condensate Pump Drain ³ (in, I.D.)	1 Plain
Gravity Drain Plugged (in, O.D.)	1 (3/4 MPT)

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
- Filter life display
- Multiple auxiliary heater applications
- Child lock
- Group control
- Hot start
- Self diagnostics
- External on/off control
- Wi-Fi compatible
- Auto fan
- R32 leak detection sensor

Optional Accessories:

- ☐ Auxiliary Heater Kit⁴ - PRARH1
- ☐ Wi-Fi Module - PWFMDD200
- ☐ High Efficiency Filter Box - ZFBXM301A

Controller Options:

- ☐ Wireless Remote Controller⁵
- ☐ MultiSITE™ CRC2* Controllers
- ☐ Simple Remote Controllers
- ☐ Standard III Remote Controllers
- ☐ Deluxe Remote Controllers
- ☐ Remote Temperature Button Sensors
- ☐ 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 ⁶ dB(A) (H/M/L,@0.24 ESP)	42 / 39 / 37
Sound Power ⁷ dB(A) (H/M/L,@0.24 ESP)	67 / 64 / 62
Filter Type	Washable
Filter Quantity	2
Filter Dimensions ⁸ (in)	13-1/4 x 23-15/16 x 3/16
Unit Net / Shipping Weight (lbs.)	93.7 / 105.4

Fan:

Fan Type / Quantity	Sirocco / 2
Motor/Drive	Brushless Digitally Controlled/Direct
Motor Quantity	1
Factory Set External Static Pressure (ESP) ⁹ (in wg)	0.24
Factory Set Airflow Rate H/M/L (CFM)	1.482 / 1.191 / 918
Minimum ESP (in wg) ¹⁰	0.16
Maximum ESP (in wg) ¹⁰	0.79

Notes:

- See Engineering Manual for sensible and latent capacities.
- Maximum power input is rated at maximum setting value.
- Maximum lift is 27 in. from bottom of unit. Check valve not included (field supplied).
- 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.
- Requires an LG wall controller because ducted units do not have infrared receiver.
- Sound Pressure levels are tested in an anechoic chamber under ISO Standard 3745.
- Sound Power levels are tested in a reverberation chamber under ISO Standard 3741.
- Actual filter sizes may vary.
- At factory fan speed setting.
- Maximum static pressure may result in reduced airflow (CFM).
- 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.
- Power wiring is field provided, and must comply with the applicable local and national codes.
- This unit comes with a dry nitrogen charge.
- All capacities are net with a combination ratio between 95 – 105%.
- Must follow installation instructions in the applicable LG installation manual.

Inverter



Job Name/Location: _____

ZRNU483M3AA
R32 Multi V™ Mid Static Ducted
48,100 Btu/h Indoor Unit

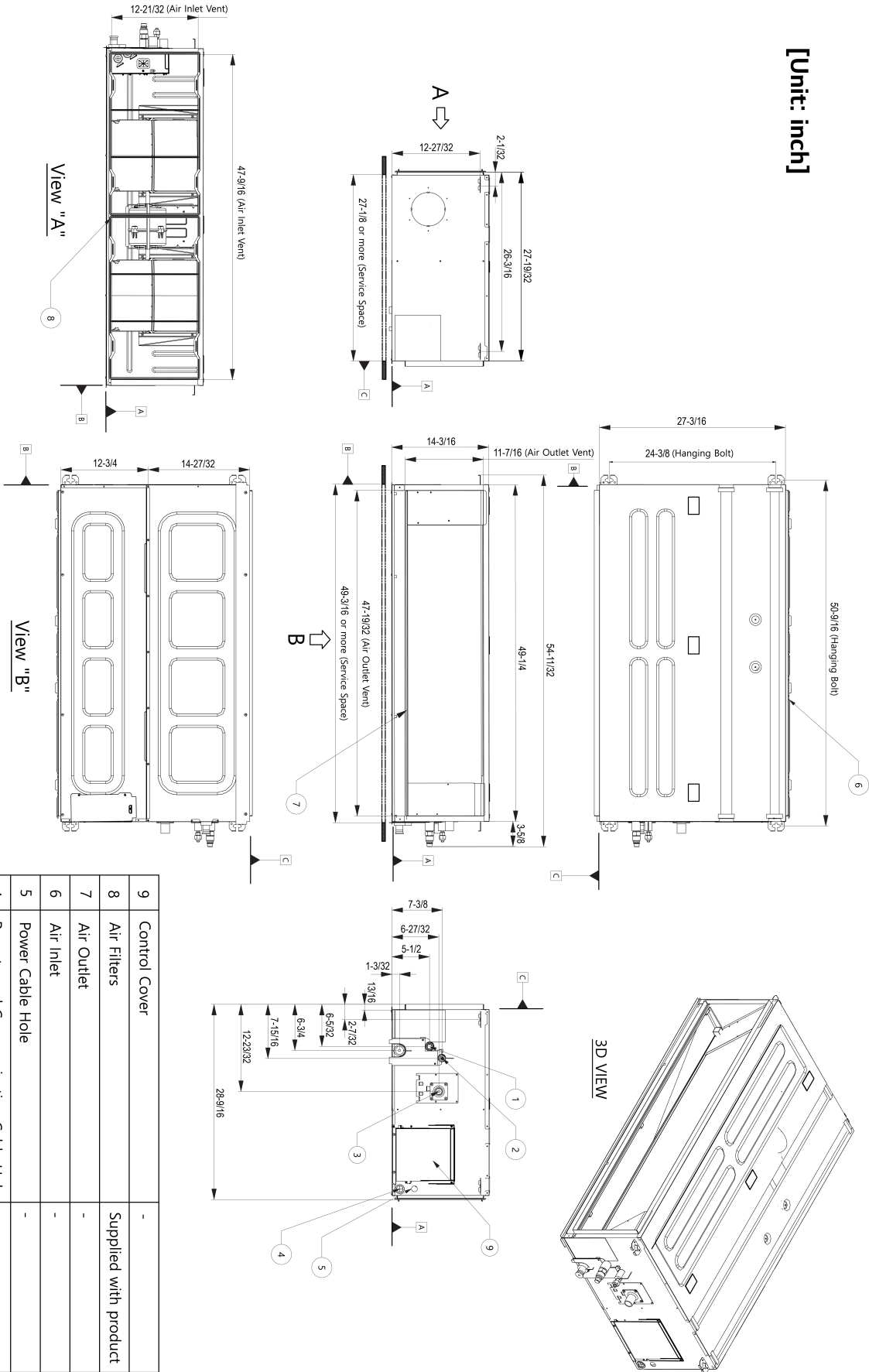


Tag No.: _____

Date: _____

PO No.: _____

[Unit: inch]



No.	Part Name	Description
9	Control Cover	-
8	Air Filters	Supplied with product
7	Air Outlet	-
6	Air Inlet	-
5	Power Cable Hole	-
4	Remote and Communication Cable Hole	-
3	Drain pipe connection	-
2	Liquid pipe connection	-
1	Gas pipe connection	-