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

Date:

For: ☐ File ☐ Resubmit ☐ Approval ☐ Other _____

PO No.:

Architect: **GC:**

Engr: **Mech:**

Rep:
(Company) (Project Manager)

ZRNU183V1AA
18 kBTU Ceiling Suspended for R32 Multi V

Performance:

Total Cooling Capacity (Btu/h)	19,100
Heating Capacity (Btu/h)	21,500
Maximum Power Input (W)	130
Low Power Input at Factory Default (W)	17
Medium Power Input at Factory Default (W)	20
High Power Input at Factory Default (W)	23

Electrical Characteristics:

Rated Amps (A)	0.96
Power Supply (V,Hz,PH)	208-230/60/1

Refrigeration:

ODU Liquid Line Connection Size (in., O.D.)	1/4 Flare
ODU Vapor Line Connection Size (in., O.D.)	1/2 Flare
Refrigerant Type	R32
Refrigerant Control	Electronic Expansion Valve (EEV)

Condensate:

Condensate Pipe Diameter (in., O.D.)	1
Condensate Pipe Diameter (in., I.D.)	5/8
Factory Installed Pump	No

Fan:

Motor/Drive	Brushless Digitally Controlled/Direct
Fan Type	Cross Flow
Fan Quantity	1
Motor Quantity	1
Air Flow Rate (High) (CFM)	477
Air Flow Rate (Medium) (CFM)	441
Air Flow Rate (Low) (CFM)	424

Weight:

IDU Net Weight (lbs)	63.9
IDU Shipping Weight (lbs)	76.1

Air Filtration:

Filter Type	Washable

Sound:

IDU Sound Power (High) (dB(A))	61
IDU Sound Power (Medium) (dB(A))	59
IDU Sound Power (Low) (dB(A))	56
IDU Sound Pressure (High) (dB(A))	36
IDU Sound Pressure (Medium) (dB(A))	34
IDU Sound Pressure (Low) (dB(A))	33

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
- Auto direction / swing (up / down)
- 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

Optional Accessories:

☐ Auxiliary Heater Kit - PRARH1
☐ Wi-Fi Module - PWFMDD200

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. 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. Power wiring is field provided and must comply with the applicable local and national codes.
8. This unit comes with a dry nitrogen charge.
9. All capacities are net with a combination ratio between 95 – 105%.
10. Must follow installation instructions in the applicable LG installation manual.

Intertek

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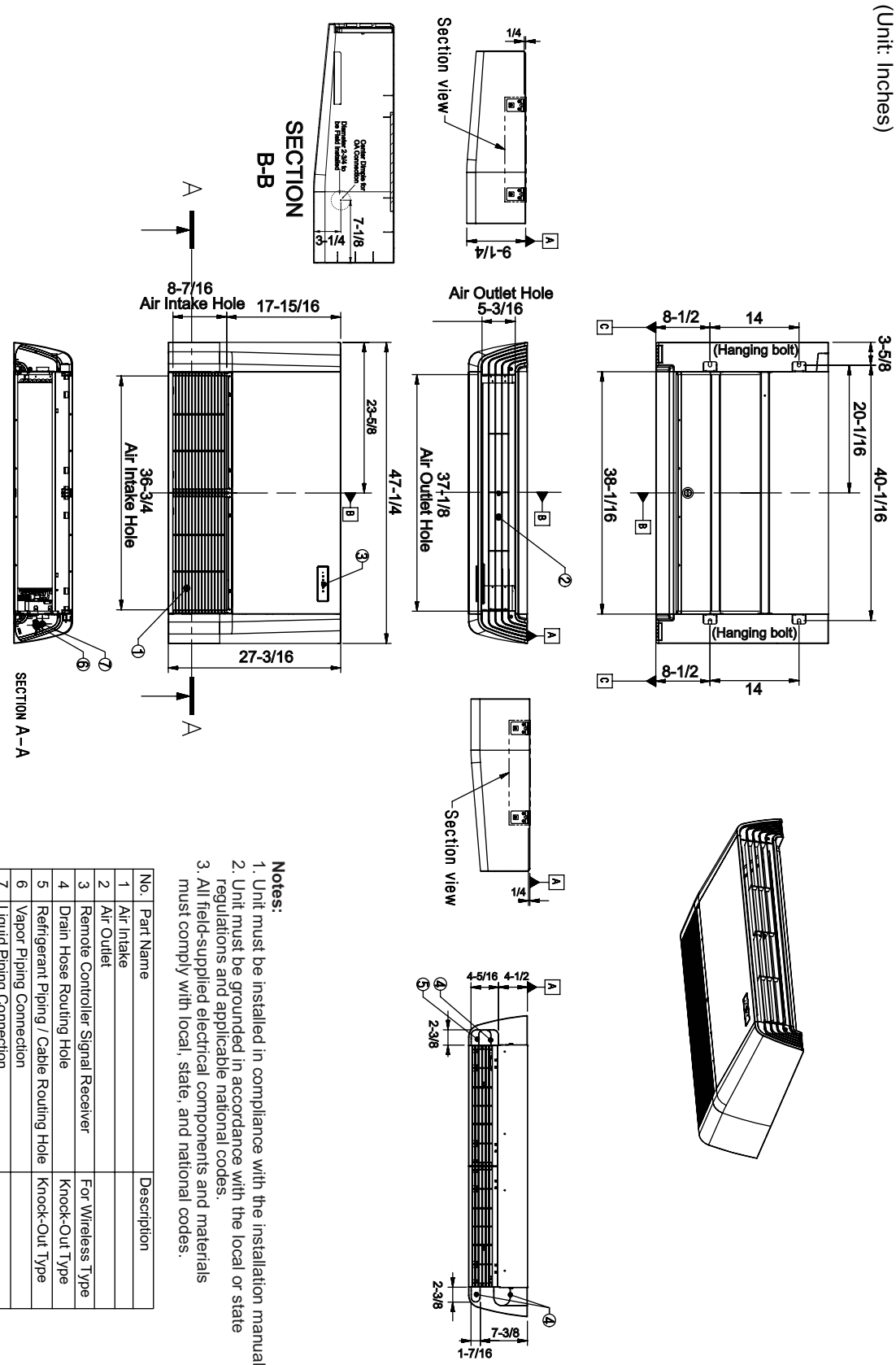
Job Name/Location: _____

ZRNU183V1AA
18 kBTU Ceiling Suspended for R32 Multi V

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

(Unit: Inches)



Notes:
1. Unit must be installed in compliance with the installation manual.
2. Unit must be grounded in accordance with the local or state regulations and applicable national codes.
3. All field-supplied electrical components and materials must comply with local, state, and national codes.

No.	Part Name	Description
1	Air Intake	
2	Air Outlet	
3	Remote Controller Signal Receiver	For Wireless Type
4	Drain Hose Routing Hole	Knock-Out Type
5	Refrigerant Piping / Cable Routing Hole	Knock-Out Type
6	Vapor Piping Connection	
7	Liquid Piping Connection	

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