

Job Name/Location:

Tag #:

Date:

For: ☐ File ☐ Resubmit

PO No.:

☐ Approval ☐ Other

Architect:

GC:

Engr:

Mech:

Rep:

(Company)

(Project Manager)

ARNU283M3A4

Multi V™ High Static Ducted

28,000 Btu/h Indoor Unit

**Performance:**

Total Cooling Capacity (Btu/h)	28,000
Heating Capacity (Btu/h)	31,500
Max Power Input ¹ (W)	650
L/M/H Power Input at Factory Default (W)	60 / 83 / 109

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current 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, OD)	3/8 Flare
Vapor Line (in, OD)	5/8 Flare

Condensate:

Condensate Pump Drain ² (in, ID)	1 Plain
Gravity Drain Plugged (in, OD)	1 MPT

Controls Features:

- Auto changeover (Heat Recovery only)
- Auto operation
- Auto restart
- Dual thermistor control
- Wi-Fi compatible
- Dual setpoint control
- Multiple aux heater applications
- Filter life display
- External on/off control
- Auto fan
- Leak detection
- Weekly schedule
- Fan speed control
- Group control
- Hot start
- Self diagnostics
- Timer (on/off)
- Child lock

Optional Accessories:

- ☐ Wireless Remote Controller³ - PQWRHQ0FDB
- ☐ Standard Controller - PREMTB100
- ☐ Premium Controller - PREMTA000
- ☐ MultiSITE CRC1 Controller - PREMTBVC0
- ☐ MultiSITE CRC1+ Controller - PREMTBVC1
- ☐ Simple Controller - PREMTCC00U
- ☐ Wi-Fi Module - PWFMD200
- ☐ Simple Dry Contact (1 contact, 24 VAC external power) - PDRYCB100
- ☐ Dry Contact for Economizer - PDRYCB400
- ☐ Dry Contact for Third Party Thermostat - PDRYCB300
- ☐ Aux Heater Kit - PRARH1
- ☐ Remote Temperature Button Sensor - ZRTBS01
- ☐ High Efficiency Filter Box - ZFBXM201A

Entering Mixed Air:

Cooling Max ⁴ (°F WB)	76
Heating Min (°F DB)	59

Unit Data:

Refrigerant Type	R410A
Refrigerant Control	EEV
Sound Pressure ⁵ dB(A) (H/M/L)	40/39/37
Filter Type	Washable
MERV	N/A
Filter Quantity	1
Filter Dimensions ⁶ (in)	13-1/4 x 23-15/16 x 3/16
Net Unit Weight (lbs)	96.1
Shipping Weight (lbs)	110.0

Fan:

Type	Sirocco
Fan Quantity	2
Motor/Drive	Brushless Digitally Controlled/Direct
Motor Quantity	1
Standard Mode Airflow Rate H/M/L (CFM)	1235 / 1060 / 915
Standard Mode External Static Pressure (ESP) ⁷ (in wg)	0.19
High Mode Airflow Rate H/M/L (CFM)	1250 / 1017 / 837
High Mode External Static Pressure (ESP) ⁷ (in wg)	0.23
Airflow Range (CFM)	522 - 2,076
Minimum ESP (in wg) ⁸	0.16
Maximum ESP (in wg) ⁸	0.79

Notes:

- Maximum power input is rated at maximum setting value.
- Maximum lift is 27 in from bottom of unit. Check valve not included (field supplied).
- Requires an LG wall controller because ducted units do not have infrared receiver.
- See Engineering Manual for sensible and latent capacities.
- Sound Pressure levels are tested in an anechoic chamber under ISO Standard 3745.
- Actual filter sizes may vary.
- At factory fan speed setting.
- Maximum static pressure may result in reduced airflow (CFM).
- All Communication cable between Master outdoor units 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 Master 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 cable size must comply with the applicable local and national code.
- 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.



For continual product development, LG reserves the right to change specifications without notice.

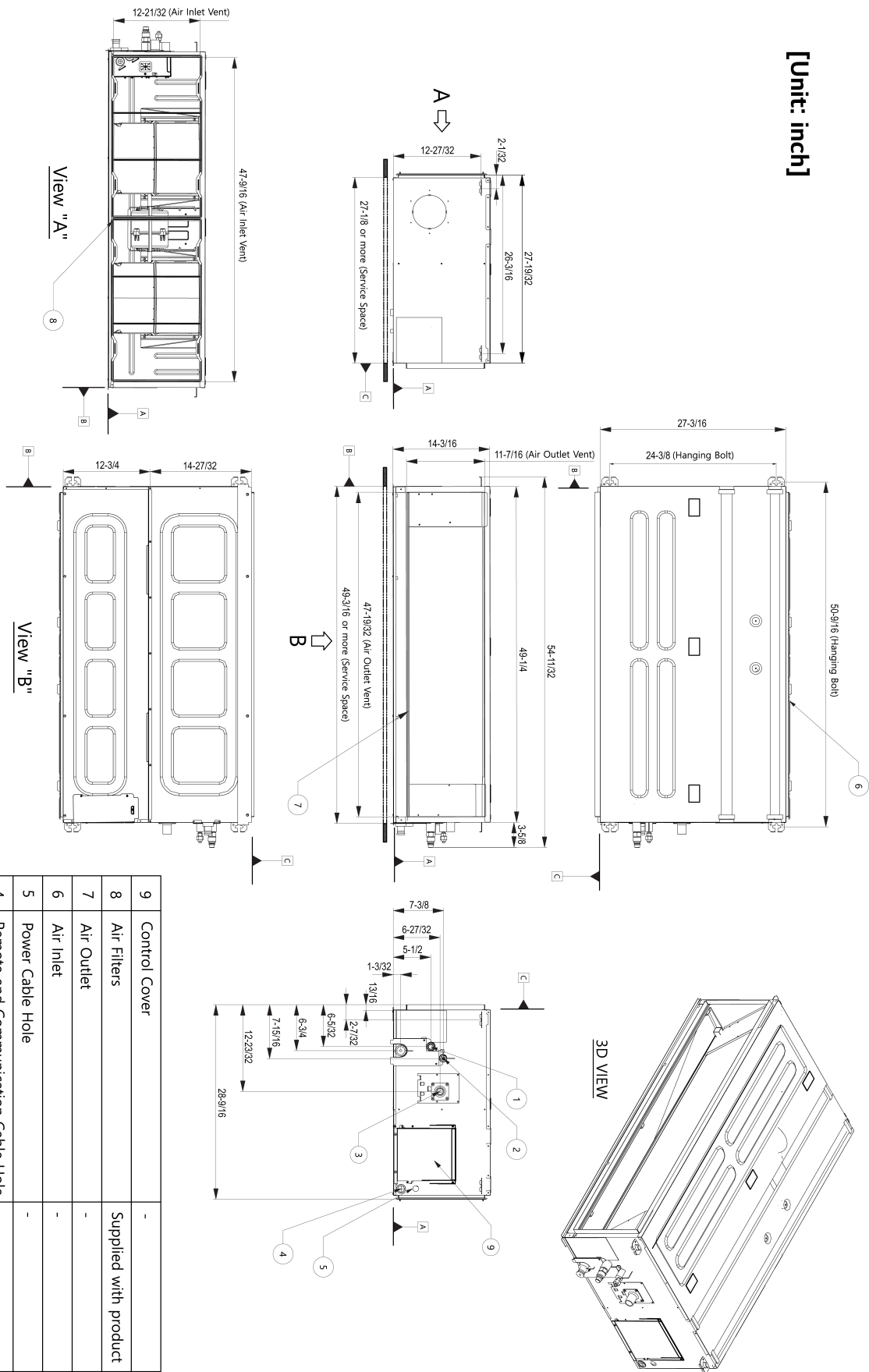
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[Unit: inch]



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	-
No.	Part Name	Description