

Job Name/Location:

Tag #:

Date:

For: ☐ File ☐ Resubmit

PO No.:

☐ Approval ☐ Other

Architect:

GC:

Engr:

Mech:

Rep:

(Company)

(Project Manager)

ARNU483B8A4

Multi V™ High Static Ducted

48,100 Btu/h Indoor Unit

**Performance:**

Total Cooling Capacity (Btu/h)	48,100
Heating Capacity (Btu/h)	54,200
Max Power Input ¹ (W)	800
L/M/H Power Input at Factory Default (W)	482 / 500 / 538

Rated capacity is certified under 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)	5.2

Piping:

Refrigerant:

Liquid Line (in, OD) ¹⁴	3/8 Braze
Vapor Line (in, OD)	3/4 Braze

Condensate:

Condensate Pump Drain ² (in, ID)	1 Plain
Gravity Drain Plugged (in, OD)	1 (3/4 MPT)

Controls Features:

- Auto changeover (Heat Recovery only)
- Auto opera. on
- 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 - PWSB21H
- ☐ MultiSITE™ CRC2 Controller - PREMTBVC2
- ☐ MultiSITE CRC2+ Controller - PREMTBVC3
- ☐ MultiSITE CRC2+Z Controller - PREMTBVC4
- ☐ Simple Remote Controller - PREMTCC00U
- ☐ Standard III Remote Controller (White Housing) - PREMTB101
- ☐ Standard III Remote Controller (Black Housing) - PREMTB11
- ☐ Deluxe Remote Controller - PREMTA201
- ☐ Remote Temperature Button Sensor - ZRTBS01
- ☐ Simple Dry Contact (1 contact, 24 VAC external power) - PDRYCB100
- ☐ Dry Contact for Third-Party Thermostat¹⁵ - PDRYCB320
- ☐ Dry Contact for Economizer - PDRYCB400
- ☐ Auxiliary Heater Kit¹⁵ - PRARH1
- ☐ Wi-Fi Module - PWFMD200
- ☐ High Efficiency Filter Box - ZFBXB801A

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)	47 / 46 / 44
Sound Power ⁶ dB(A) (H/M/L)	55 / 54 / 53
Filter Type	Washable
MERV	N/A
Filter Quantity	1
Filter Dimensions ⁷ (in)	16-1/2" x 55" x 1/4"
Net Unit Weight (lbs) Shipping	192
Weight (lbs)	222

Fan:

Type	Sirocco
Fan Quantity	2
Motor/Drive	Brushless Digitally Controlled/Direct
Motor Quantity	2
High Mode Airflow Rate H/M/L (CFM)	2,019/1,518/1,200
High Mode External Static Pressure (ESP) (in wg) ⁸	0.7
Airflow Range (CFM)	1123 - 3691
Minimum ESP (in wg) ⁹	0.23
Maximum ESP (in wg) ⁹	0.98

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.
- Sound Power levels are tested in a reverberation chamber under AHRI Standard 260.
- Actual filter sizes may vary.
- At factory fan speed setting.
- Maximum static pressure may result in reduced airflow (CFM).
- All Communication cable between Main 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 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 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.
- 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.



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

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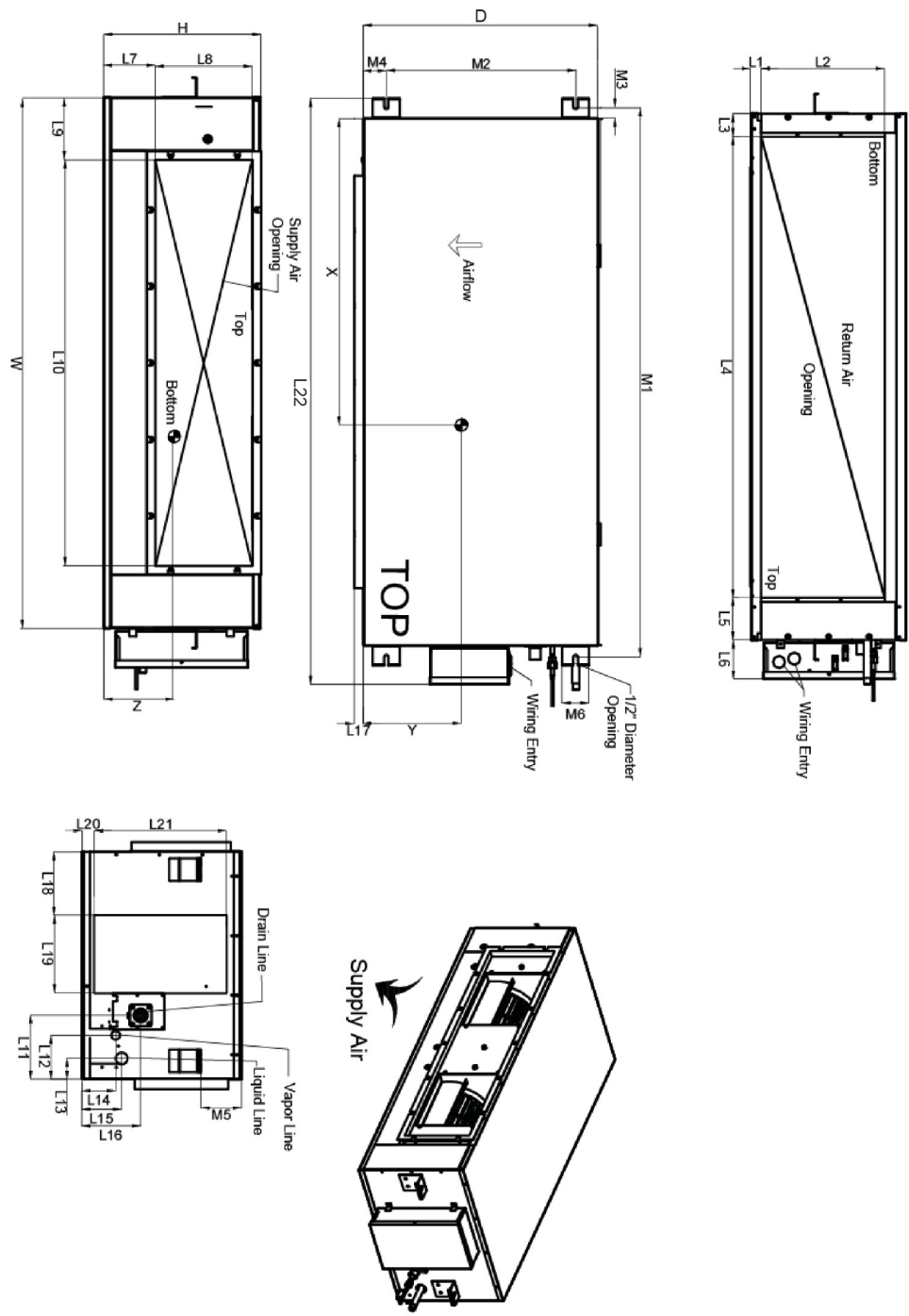
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W	61 1/2"
D	27 3/32"
H	18 1/8"
L1	2 3/8"
L2	15 7/16"
L3	2"
L4	55"
L5	4 9/16"
L6	4 1/2"
L7	6"
L8	12 1/2"
L9	6 3/4"
L10	44 1/4"
L11	7 5/8"
L12	5 1/4"
L13	2 1/2"
L14	4 3/4"
L15	5 1/2"
L16	6 7/8"
L17	1 3/16"
L18	7 13/16"
L19	9 3/16"
L20	1 5/16"
L21	15 3/8"
L22	68 1/4"
M1	63 13/16"
M2	22"
M3	1 3/16"
M4	2 1/2"
M5	4 1/8"
M6	3 3/16"

Center of Gravity

X	31 1/16"
Y	18 1/8"
Z	8 3/4"

Note - All dimensions have a tolerance of ± 0.25 in.
⊙ = Center of gravity