

Date: _____

For: File Resubmit

PO No.: _____

Approval Other _____

Architect: _____

GC: _____

Engr: _____

Mech: _____

Rep: _____

(Company) _____

(Project Manager) _____

ARNU183TLC4
 Multi V™ 2-Way Ceiling Cassette
 19,100 Btu/h Indoor Unit



Performance:

Total Cooling Capacity (Btu/h)	19,100
Heating Capacity (Btu/h)	21,500
Power Input ¹ (W)	70

Cooling Nominal Test Conditions:

Indoor: 80°F DB/67°F WB
 Outdoor: 95°F DB

Heating Nominal Test Conditions:

Indoor: 70°F DB
 Outdoor: 47°F DB/43°F WB

Electrical:

Power Supply (V/Hz/Ø)	208-230/60/1
Rated Amps (A)	0.37

Piping:

Refrigerant:

Liquid Line (in, OD)	1/4 Flare
Vapor Line (in, OD)	1/2 Flare

Condensate:

Condensate Line (in, ID)	1
Factory Installed Pump ²	Yes

Controls Features:

- Auto changeover (Heat Recovery only)
- Timer (on/off)
- Child lock
- Auto operation
- Weekly schedule
- Group control
- Auto restart
- Auto direction/swing (up/down)
- High ceiling
- Dual thermistor control
- Fan speed control
- Hot start
- Dual setpoint control
- Jet cool (fast cooling)
- Self diagnostics
- Multiple aux heater applications
- Filter life and power consumption display
- External on/off control

Required Accessories:

- Grille Kit (PT-HLC1)

Optional Accessories:

- Wireless Remote Controller - PQWRHQ0FDB
- LG Programmable Controller - PREMTB10U
- LG Premium Controller - PREMTA000
- Simple Controller with Mode (Black) - PQRCVCL0Q
- Simple Controller with Mode (White) - PQRCVCL0QW
- Simple Controller without Mode (Black) - PQRCHCA0Q
- Simple Controller without Mode (White) - PQRCHCA0QW
- Simple Dry Contact (1 contact, 24 VAC external power) - PDRYCB100
- Dry Contact for Economizer - PQDSBC1
- Dry Contact for Third Party Thermostat - PDRYCB300
- Wall Mounted Temperature Sensor - PQRSTA0
- Aux Heater Kit - PRARH1
- Remote Temperature Button Sensor - ZRTBS01

Unit Data:

Refrigerant Type	R410A
Refrigerant Control	EEV
Sound Pressure ⁴ dB(A) (H/M/L)	40/36/32
Primary Filter Type	Washable
Secondary Filter ⁵	Plasma
Net Weight (lbs)	49
Shipping Weight (lbs)	56
Grille Weight (lbs)	11
Grille Shipping Weight (lbs)	13

Fan:

Type	Cross Flow
Quantity	2
Motor/Drive	Brushless Digitally Controlled/Direct
Motor Quantity	2
Airflow Rate H/M/L (CFM)	459/424/353

Notes:

- 1.The Power Input is rated at high speed.
- 2.Maximum lift is 27 in from bottom of unit.
- 3.See Engineering Manual for sensible and latent capacities.
- 4.Sound Pressure levels are tested in an anechoic chamber under ISO Standard 3745.
- 5.Plasma filter kit accessory available separately.
- 6.All communication cable to be minimum 18 AWG, 2-conductor, stranded, shielded and must comply with applicable local and national code.
- 7.Power wiring cable size must comply with the applicable local and national code.
- 8.This unit comes with a dry nitrogen charge.
- 9.This data is rated 0 ft above sea level, with 25 ft of refrigerant line per indoor unit and a 0 ft level difference between outdoor and indoor units. All capacities are net with a combination ratio between 95 – 105%.
- 10.Must follow installation instructions in the applicable LG installation manual



ARNU183TLC4

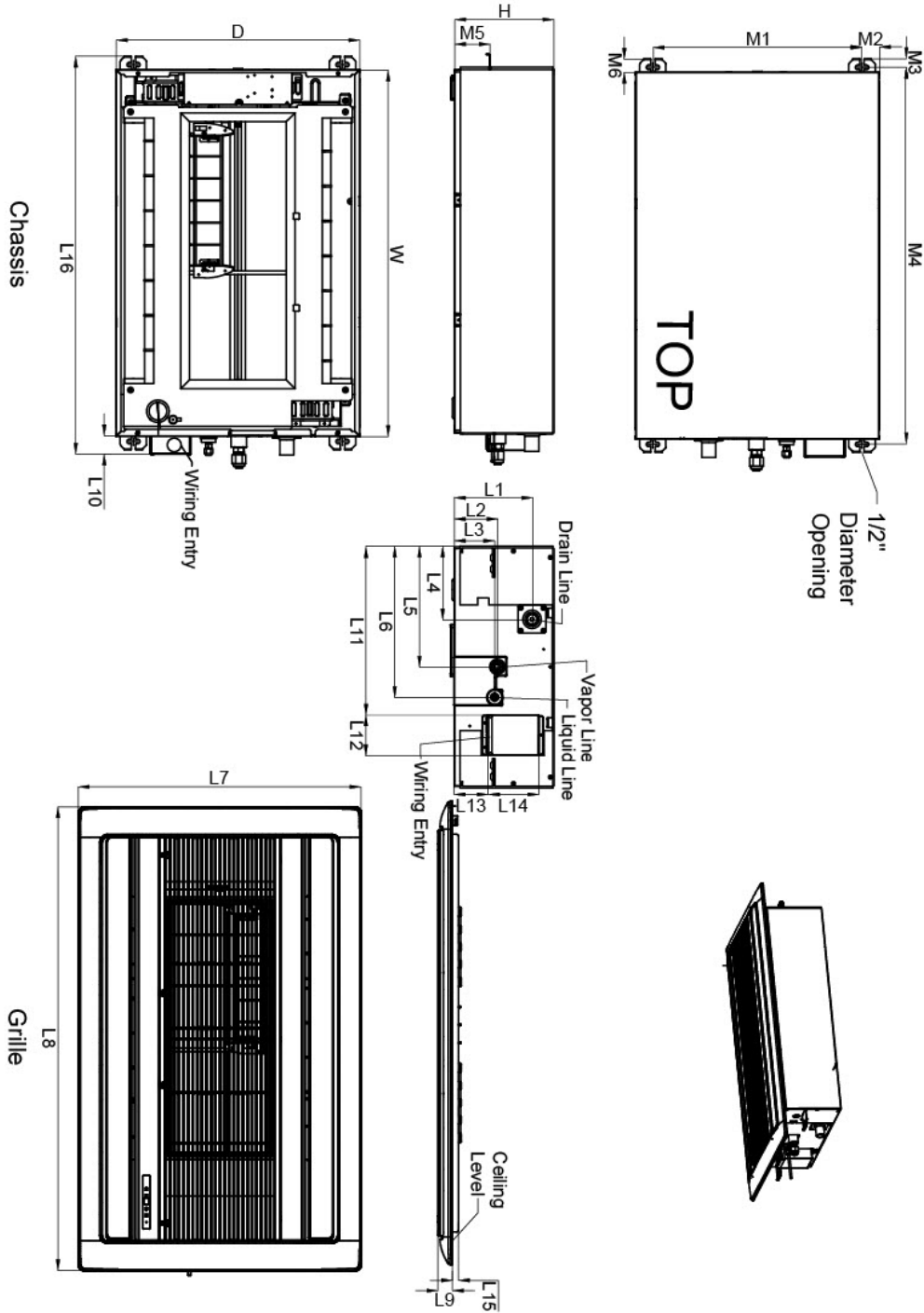
Multi V™ 2-Way Ceiling Cassette
19,100 Btu/h Indoor Unit



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Note – All dimensions have a tolerance of ± 0.25 in.

W	32-11/16"
H	8-7/8"
D	21-5/8"
L1	6-15/16"
L2	3-7/8"
L3	3-5/8"
L4	6-1/2"
L5	10-13/16"
L6	13-9/16"
L7	25-3-16"
L8	41-5/16"
L9	1-5/16"
L10	1-5/8"
L11	15"
L12	3-5/8"
L13	3-1/8"
L14	4-1/2"
L15	1/2"
L16	35-7/16"
M1	21-11/16"
M2	1-5/16"
M3	15-16"
M4	32-11/16"
M5	3-1/8"
M6	1-3/16"

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ARNU243TLC4
 Multi V™ 2-Way Ceiling Cassette
 24,200 Btu/h Indoor Unit



Performance:

Total Cooling Capacity (Btu/h)	24,200
Heating Capacity (Btu/h)	27,300
Power Input ¹ (W)	70

Cooling Nominal Test Conditions: Indoor: 80°F DB/67°F WB
 Heating Nominal Test Conditions: Indoor: 70°F DB
 Outdoor: 95°F DB Outdoor: 47°F DB/43°F WB

Electrical:

Power Supply (V/Hz/Ø)	208-230/60/1
Rated Amps (A)	0.37

Piping:

Refrigerant:

Liquid Line (in, OD)	3/8 Flare
Vapor Line (in, OD)	5/8 Flare

Condensate:

Condensate Line (in, ID)	1
Factory Installed Pump ²	Yes

Controls Features:

- Auto changeover (Heat Recovery only)
- Timer (on/off)
- Child lock
- Auto operation
- Weekly schedule
- Group control
- Auto restart
- Auto direction/swing (up/down)
- High ceiling
- Dual thermistor control
- Fan speed control
- Hot start
- Dual setpoint control
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Required Accessories:

- Grille Kit (PT-HLC1)

Optional Accessories:

- Wireless Remote Controller - PQWRHQ0FDB
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- Dry Contact for Economizer - PQDSBC1
- Dry Contact for Third Party Thermostat - PDRYCB300
- Wall Mounted Temperature Sensor - PQRSTA0
- Aux Heater Kit - PRARH1
- Remote Temperature Button Sensor - ZRTBS01

Unit Data:

Refrigerant Type	R410A
Refrigerant Control	EEV
Sound Pressure ⁴ dB(A) (H/M/L)	42/38/34
Primary Filter Type	Washable
Secondary Filter ⁵	Plasma
Net Weight (lbs)	49
Shipping Weight (lbs)	56
Grille Weight (lbs)	11
Grille Shipping Weight (lbs)	13

Fan:

Type	Cross Flow
Quantity	2
Motor/Drive	Brushless Digitally Controlled/Direct
Motor Quantity	2
Airflow Rate H/M/L (CFM)	601/530/459

Notes:

- 1.The Power Input is rated at high speed.
- 2.Maximum lift is 27 in from bottom of unit.
- 3.See Engineering Manual for sensible and latent capacities.
- 4.Sound Pressure levels are tested in an anechoic chamber under ISO Standard 3745.
- 5.Plasma filter kit accessory available separately.
- 6.All communication cable to be minimum 18 AWG, 2-conductor, stranded, shielded and must comply with applicable local and national code.
- 7.Power wiring cable size must comply with the applicable local and national code.
- 8.This unit comes with a dry nitrogen charge.
- 9.This data is rated 0 ft above sea level, with 25 ft of refrigerant line per indoor unit and a 0 ft level difference between outdoor and indoor units. All capacities are net with a combination ratio between 95 – 105%.
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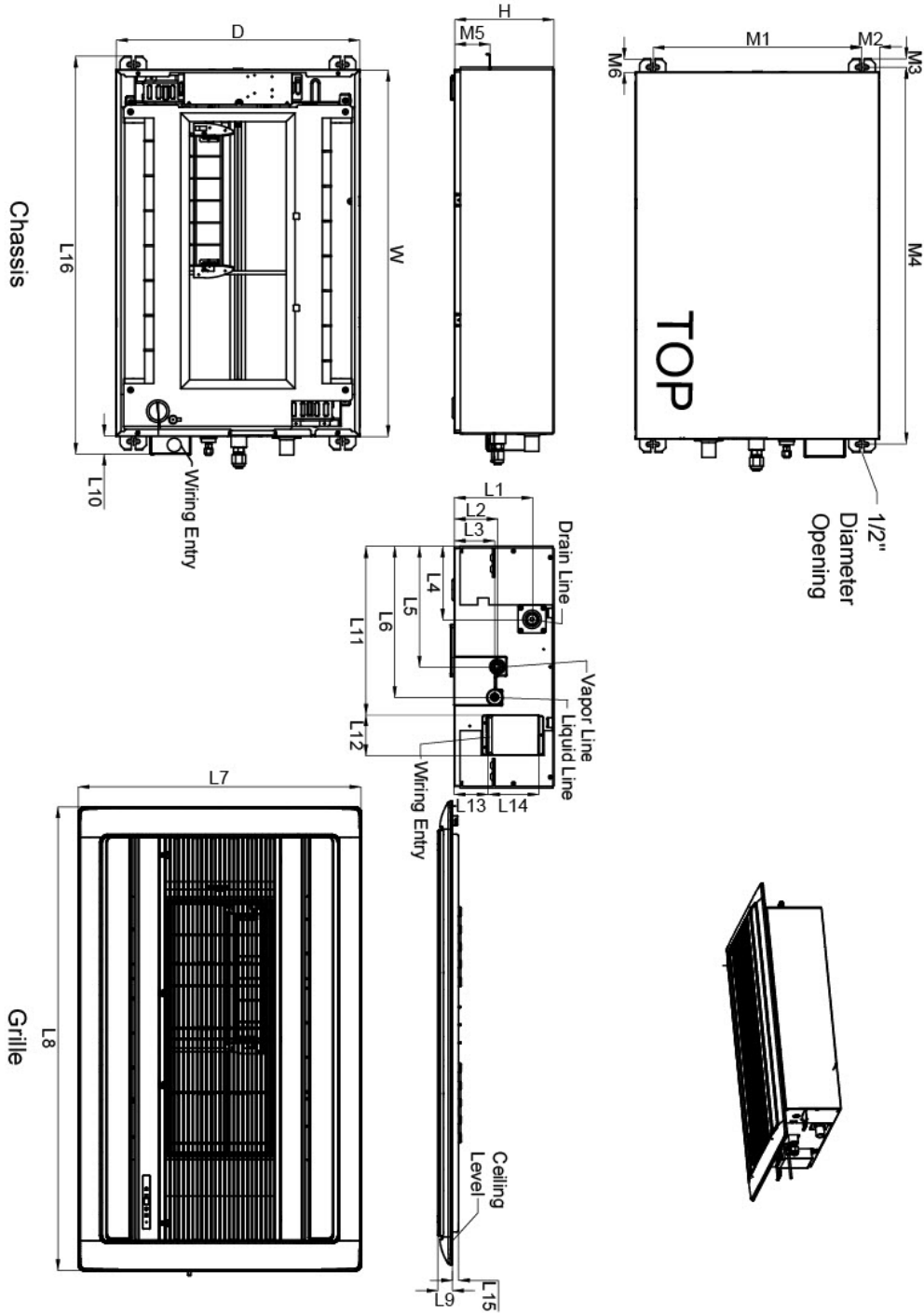
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L15	1/2"
L16	35-7/16"
M1	21-11/16"
M2	1-5/16"
M3	15-16"
M4	32-11/16"
M5	3-1/8"
M6	1-3/16"