

Job Name/Location:

Tag #:

Date:

For:  File  Resubmit

PO No.:

Approval  Other

Architect:

GC:

Engr:

Mech:

Rep:

(Company)

(Project Manager)



**ARNU183TLC2**  
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 <sup>1</sup> (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, OD)	1
Factory Installed Pump <sup>2</sup>	Yes

**Controls Features:**

- Auto changeover (Heat Recovery only)
- Auto operation
- Auto restart
- Child lock
- Dual thermistor control
- Group control
- Forced operation
- High ceiling
- Hot start
- Self diagnostics
- Sleep mode
- Timer (on/off)
- Weekly schedule
- Soft dry (dehumidification)
- Auto direction/swing (up/down)
- Fan speed control
- Chaos wind (random fan speed)
- Jet cool (fast cooling)

**Required Accessories:**

- Grille Kit (PT-HLC1)

**Optional Accessories:**

- Wireless Handheld Remote Controller - PQWRHDF0
- LG Programmable Thermostat - PREMTB10U
- Simple Controller with Mode (Black) - PQRVCVCL0Q
- Simple Controller with Mode (White) - PQRVCVCL0QW
- Simple Controller without Mode (Black) PQRCHCA0Q
- Simple Controller without Mode (White) - PQRCHCA0QW
- Dry Contact Unit (1 contact, 24 VAC external power) - PQDSB1
- Dry Contact with Economizer Interface- PQDSBC1
- Dry Contact for Third Party Thermostat - PQDSBNGCM1
- Wall Mounted Temperature Sensor - PQRSTA0

**Unit Data:**

Refrigerant Type	R410A
Refrigerant Control	EEV
Sound Pressure <sup>4</sup> dB(A) (H/M/L)	40/36/32
Primary Filter Type	Washable
Secondary Filter Type	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.All communication cable to be minimum 18 AWG, 2-conductor, stranded, shielded and must comply with applicable local and national code.
- 6.Power wiring cable size must comply with the applicable local and national code.
- 7.This unit comes with a dry nitrogen charge.
- 8.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%.
- 9.Must follow installation instructions in the applicable LG installation manual.



# ARNU183TLC2

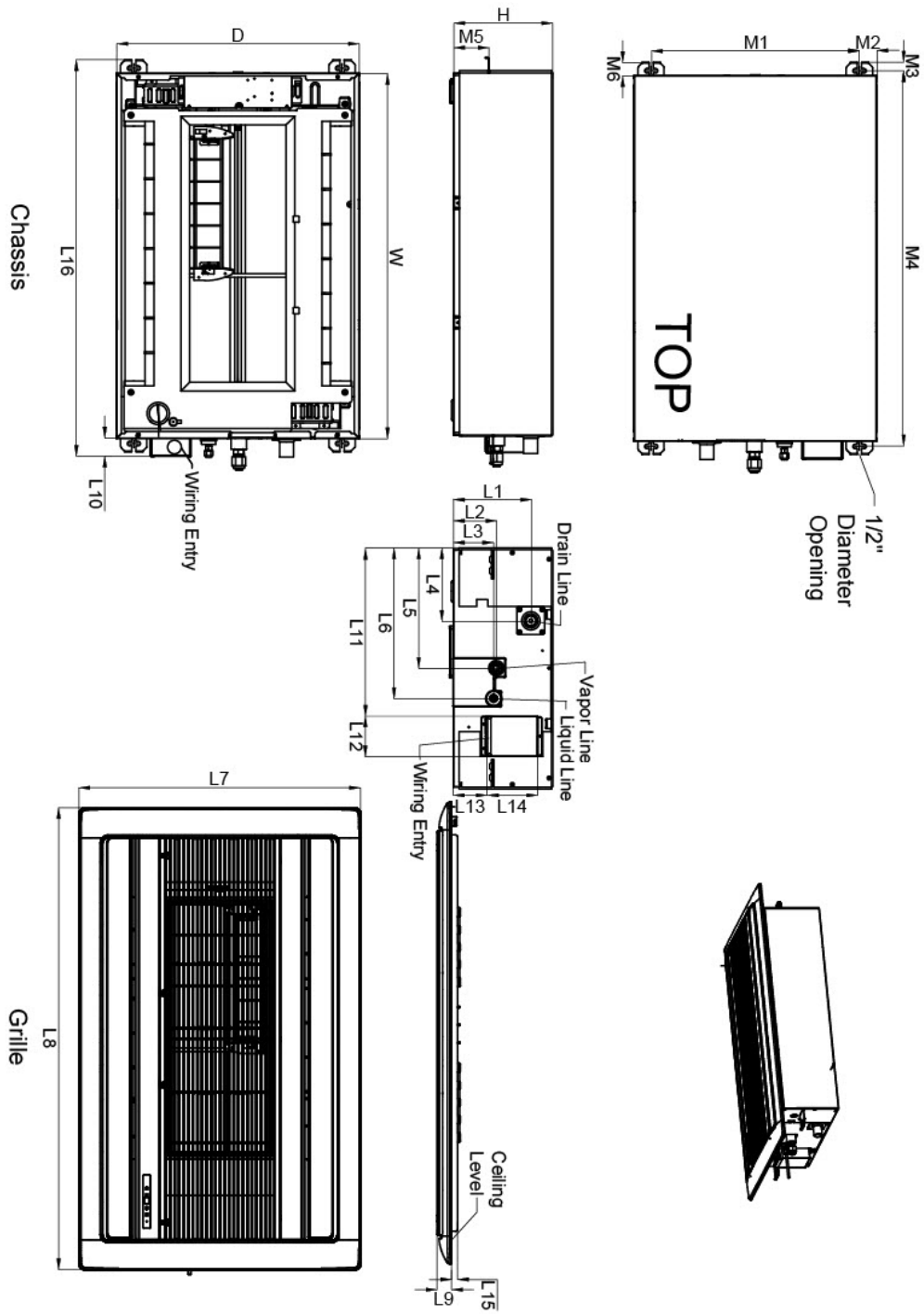
Multi V™ 2-Way Ceiling Cassette  
19,100 Btu/h Indoor Unit



Tag #: \_\_\_\_\_

Date: \_\_\_\_\_

PO No.: \_\_\_\_\_



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"

Note - All dimensions have a tolerance of ±