

Job Name/Location:

Tag #:

Date: \_\_\_\_\_ For:  File  Resubmit  
 PO No.: \_\_\_\_\_  Approval  Other \_\_\_\_\_  
 Architect: \_\_\_\_\_ GC: \_\_\_\_\_  
 Engr: \_\_\_\_\_ Mech: \_\_\_\_\_  
 Rep: \_\_\_\_\_  
 (Company) (Project Manager)



**ARNU183TTC4**  
 Multi V™ 1-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)	0.30

**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 <sup>2</sup>	Yes

**Controls Features:**

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

**Required Accessories:**

Grille Kit:  PT-UTC

**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

**Entering Mixed Air:**

Cooling Max <sup>3</sup> (°F WB)	76
Heating Min (°F DB)	59

**Unit Data:**

Refrigerant Type	R410A
Refrigerant Control	EEV
Sound Pressure <sup>4</sup> dB(A) (H/M/L)	40/37/35
Primary Filter Type	Washable
Secondary Filter <sup>5</sup>	Plasma
Net Weight (lbs)	42
Shipping Weight (lbs)	49
Grille Weight (lbs)	13
Grille Shipping Weight (lbs)	20

**Fan:**

Type	Cross Flow
Quantity	1
Motor/Drive	Brushless Digitally Controlled/Direct
Motor Quantity	1
Airflow Rate H/M/L (CFM)	470 / 427 / 385

**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



# ARNU183TTC4

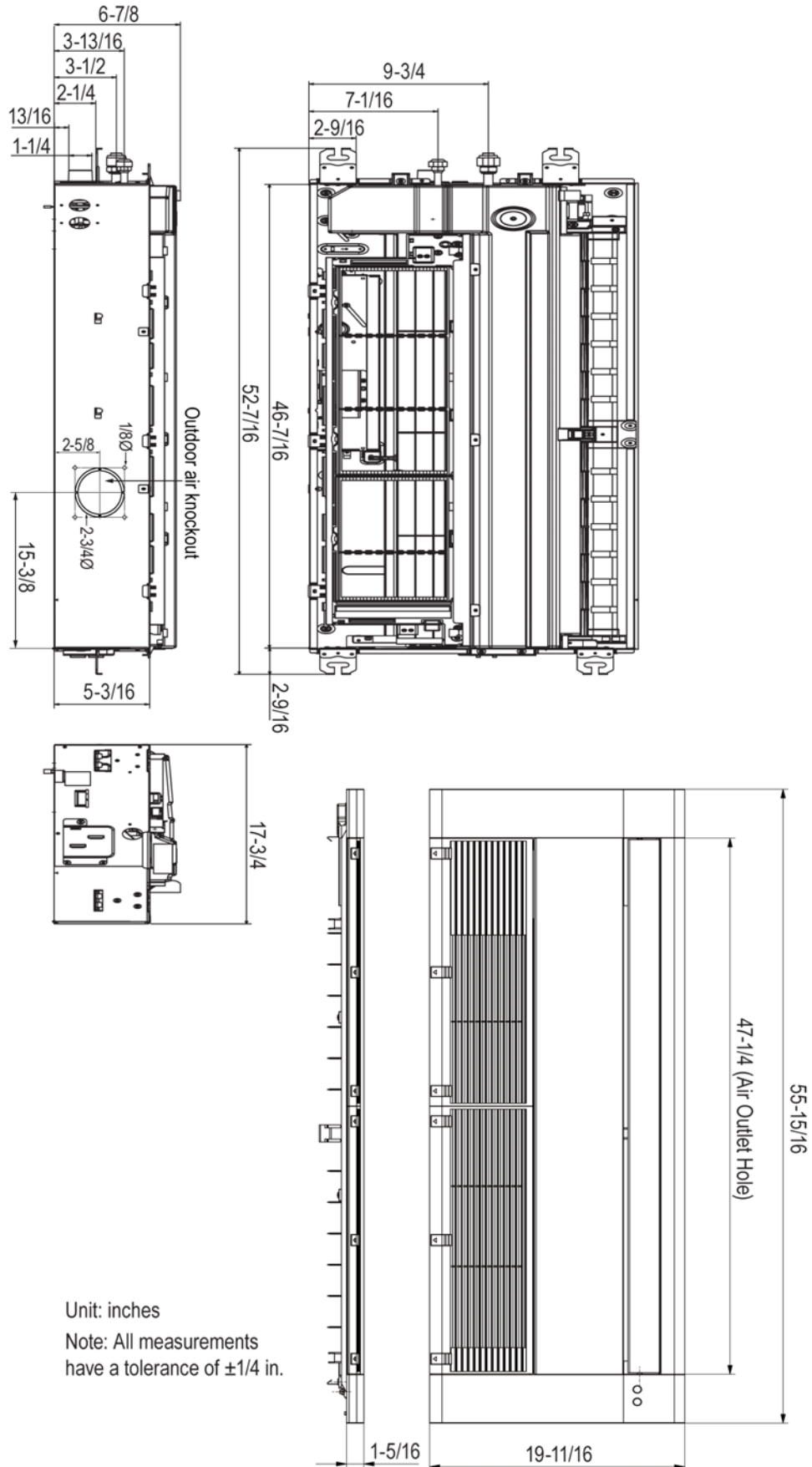
Multi V™ 1-Way Ceiling Cassette  
19,100 Btu/h Indoor Unit



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Unit: inches  
Note: All measurements  
have a tolerance of  $\pm 1/4$  in.