

Job Name/Location:

Tag No.:

Date:

For:	File	Resubmit
	Approval	Other_____

PO No.:



Architect:

GC:

Engr:

Mech:

Rep:

(Company)

(Project Manager)

ARNU123TUD4

Multi V™ OneWay Ceiling Cassette

12,300 Btu/h Indoor Unit



Performance:

Cooling Capacity (Btu/h) ¹	12,300
Heating Capacity (Btu/h) ¹	13,600
Power Input ²	40

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	0.18

Piping:

Refrigerant	
Liquid Line (in., O.D.)	1/4 Flare
Vapor Line (in., O.D.)	1/2 Flare
Condensate	
Condensate Line (in., I.D.)	1
Factory Installed Pump ³	Yes

Controls Features:

- Auto changeover (Heat Recovery only)
- Auto operation
- Auto restart
- Dual thermostat control
- Dual setpoint control
- Filter life display
- 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
- Wi-Fi compatible
- Auto fan
- Leak detection
- Multiple auxiliary heater applications

Required Accessories:

- Panel - PT-UAHW0

Optional Accessories:

- Wireless Remote Controller - PWLSSB21H
- MultiSITE™ CRC2 Controller - PREMTBVC2
- MultiSITE CRC2+ Controller - PREMTBVC3
- MultiSITE CRC2+Z Controller - PREMTBVC4
- Simple Remote Controller - PREMTCC00U
- Standard III Remote Controller (White Housing) – PREMTB100
- Standard III Remote Controller (Black Housing) – PREMTBB10
- Remote Temperature Button Sensor - ZRTBS01
- Simple Dry Contact (1 contact, 24 VAC external power) - PDRYCB100
- Dry Contact for Third Party Thermostat⁶ - PDRYCB320
- Dry Contact for Economizer - PDRYCB400
- Auxillary Heater Kit⁶ - PRARH1
- Wi-Fi Module - PWFMD200

Entering Mixed Air:

Cooling Maximum ¹ (°F WB)	76
Heating Minimum ¹ (°F DB)	59

Unit Data:

Refrigerant Type	R410A
Refrigerant Control	EEV
Sound Pressure dB(A) (H/M/L) ⁴	38 / 35 / 32
Sound Power dB(A) (H) ⁵	57
Standard Filter Type	Washable
Unit Net Weight (lbs.)	33
Unit Shipping Weight (lbs.)	40
Panel Net Weight (lbs.)	10
Panel Shipping Weight (lbs.)	16

Fan:

Type	Cross Flow
Quantity	1
Motor/Drive	Brushless Digitally Controlled/Direct
Motor Quantity	1
Air Flow Rate H/M/L (CFM)	353 / 325 / 290

Notes:

1. See Engineering Manual for sensible and latent capacities.
2. The Power Input is rated at high speed.
3. Maximum lift is 27-9/16 inches from bottom of unit.
4. Sound Pressure levels are tested in an anechoic chamber under ISO Standard 3745.
5. Sound Power levels are tested in a reverberation chamber under ISO Standard 3741.
6. 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.
7. Communication cable between (main) outdoor unit 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.
8. This unit comes with a dry nitrogen charge.
9. All capacities are net with a combination ratio between 95 – 105%.
10. Must follow installation instructions in the applicable LG installation manual.



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