

Date:

For: File Resubmit
 Approval Other _____

PO No.:

Architect: _____ GC: _____

Engr: _____ Mech: _____

Rep: _____
 (Company) (Project Manager)



ARNU123TJC2
 Multi V™ 1-Way Ceiling Cassette
 12,300 Btu/h Indoor Unit



Performance:

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

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)	0.18

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 ²	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-HJC1)

Optional Accessories:

- Wireless Handheld Remote Controller - PQWRHDF0
- LG Programmable Thermostat - PREMTB10U
- Simple Controller with Mode (Black) - PQRCVCL0Q
- Simple Controller with Mode (White) - PQRCVCL0QW
- 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 - PQRSTAO

Entering Mixed Air:

Cooling Max ³ (°F WB)	76
Heating Min (°F DB)	59

Unit Data:

Refrigerant Type	R410A
Refrigerant Control	EEV
Sound Pressure ⁴ dB(A) (H/M/L)	40/38/37
Primary Filter Type	Washable
Secondary Filter Type	Plasma
Net Weight (lbs)	25
Shipping Weight (lbs)	34
Grille Weight (lbs)	8
Grille Shipping Weight (lbs)	10

Fan:

Type	Cross Flow
Quantity	1
Motor/Drive	Brushless Digitally Controlled/Direct
Motor Quantity	1
Airflow Rate H/M/L (CFM)	283/247/212

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.

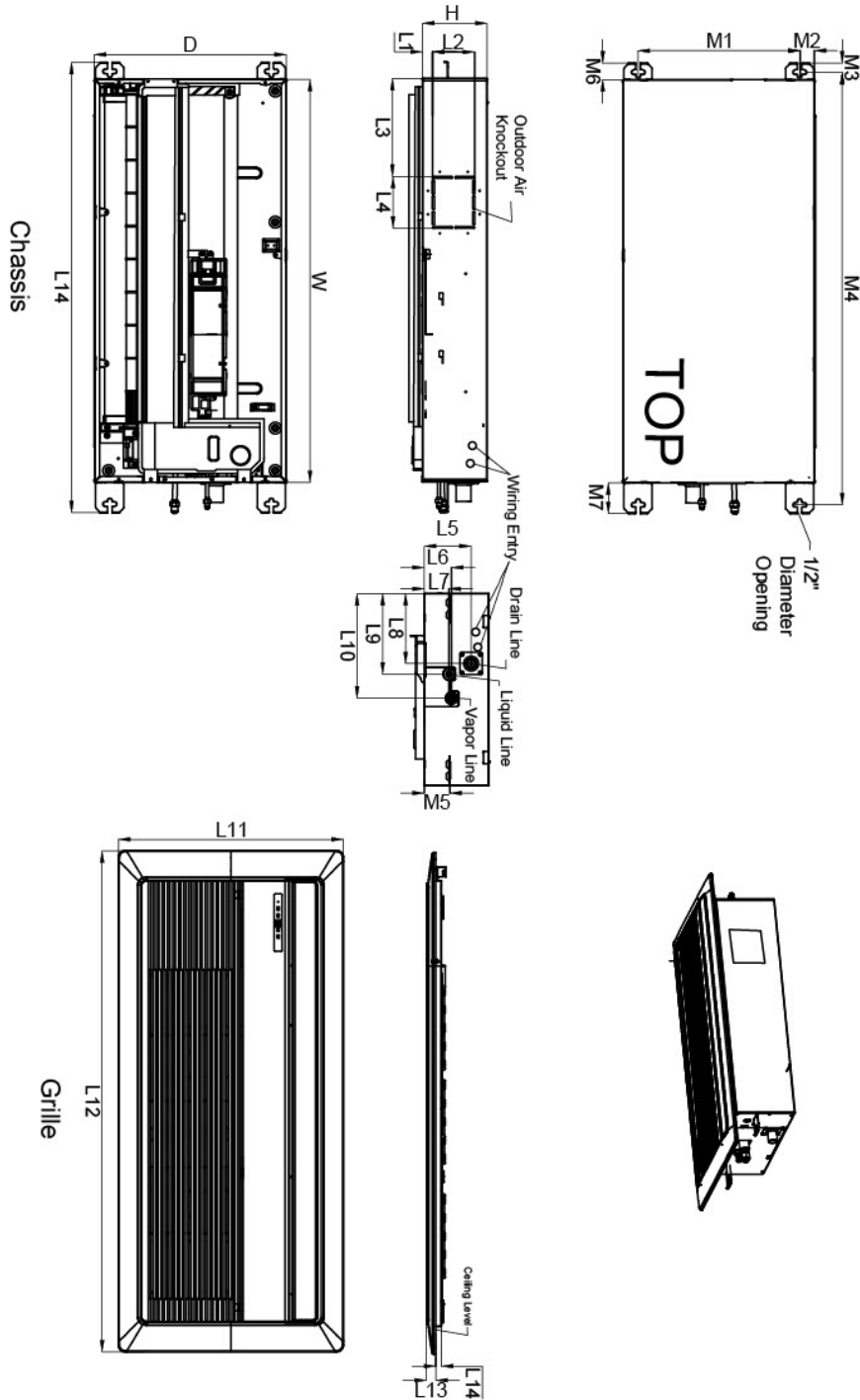


Job Name/Location:

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Tag #: _____
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W	33-27/32"
H	5-7/16"
D	16-5/32"
L1	1-3/16"
L2	3-1/2"
L3	8-1/16"
L4	4-5/16"
L5	3-7/16"
L6	1-3/4"
L7	1-7/16"
L8	5-15/16"
L9	6-13/16"
L10	9-9/16"
L11	18-7/8"
L12	42-1/8"
L13	13/16"
L14	1/2"
L15	37-13/16"
M1	13-9/16"
M2	1-5/16"
M3	3/4"
M4	36-3/8"
M5	2-3/16"
M6	1-3/16"
M7	2-5/8"

Note - All dimensions have a tolerance of ±