

Job Name/Location:

Tag #:

Date:

For: File Resubmit
 Approval Other _____

PO No.:

Architect:

GC:

Engr:

Mech:

Rep:

(Company)

(Project Manager)

LA096HNP
 Art Cool Gallery Single Zone
 Outdoor Unit (ODU) - LAU096HNP Indoor Unit (IDU) - LAN096HNP



PQWRHSFO

Performance:

Cooling:

Capacity (Btu/h)	9,900
SEER	13
EER	9.0

Heating:

Capacity (Btu/h)	9,900
HSPF	7.7

Cooling Nominal Test Conditions:

Indoor: 80°F DB/67°F WB
 Outdoor: 95°F DB/75°F WB

Heating Nominal Test Conditions:

Indoor: 70°F DB/60°F WB
 Outdoor: 47°F DB/43°F WB

Electrical:

Outdoor Unit:

Power Supply (V ¹ /Hz/Ø)	115/60/1
MCA (A)	14.3
MOP (A)	20
Rated Amps (A)	9.4
Compressor (A)	10.5
Fan Motor (A)	0.2

Indoor Unit:

IDU Power Supply	36V DC
Cooling Power Input (kW)	1.10
Heating Power Input (kW)	1.07

Piping:

Liquid Line (in, OD)	1/4
Vapor Line (in, OD)	1/2
Additional Refrigerant (oz/ft)	0.22
Max Pipe Length (ft) ²	49
Max Elevation (ft)	23

Controls Features:

- 24-Hour on/off timer
- Auto operation
- Auto restart
- Auto sleep mode
- Built-in low ambient standard down to 14°F (cooling mode)
- Chaos wind
- Customizable art panel
- Defrost Control
- Dehumidifying mode
- Fan mode
- Jet Cool
- Manual power switch
- Self-cleaning indoor coil
- Three-way cooling

Operating Range:

Outdoor Unit:

Cooling (°F DB)	14-115
Heating (°F WB)	34-75

Indoor Unit:

Cooling (°F DB)	64-86
Heating (°F DB)	60-86

Unit Data:

Refrigerant Type	R410A
Refrigerant Control	EEV
Refrigerant Charge (lbs)	1.98
ODU Sound Pressure (±3 dB(A)) ³	48
IDU Sound Pressure H/M/L (±3 dB(A)) ³	43/35/29
ODU Net Weight (lbs)	70.5
ODU Shipping Weight (lbs)	73.4
IDU Net Weight (lbs)	33.1
IDU Shipping Weight (lbs)	35.3
Heat Exchanger Coating	GoldFin™
Communication Cable (No x AWG) ⁴	4 x 18

Fan:

ODU Type	Propeller
IDU Type	Cross Flow
Speeds	4/Auto/Chaos
Quantity (ODU + IDU)	(1 + 1)
Motor/Drive	Brushless Digitally Controlled/Direct
ODU Max Air Flow Rate (CFM)	954
IDU Max Air Flow H/M/L (CFM)	330/261/194
Dehumidification (pts/hr)	3.0

Standard Features:

- Limited Five Year Compressor Warranty
- Limited Three Year Functional Parts Warranty

Notes:

1. Acceptable operating voltage: 187V - 253V.
2. Piping lengths are equivalent.
3. Sound Pressure levels are tested in an anechoic chamber under ISO Standard 1996.
4. All communication cable to be minimum 18 AWG, 2-conductor, stranded, shielded and must comply with applicable local and national code.
5. See Engineering Manual for sensible and latent capacities.
6. Power wiring cable size must comply with the applicable local and national code.
7. The indoor unit comes with a dry helium charge.
8. This data is rated 0 ft above sea level, with 24.6 ft of refrigerant line and a 0 ft level difference between outdoor and indoor units.
9. Must follow installation instructions in the applicable LG installation manual.



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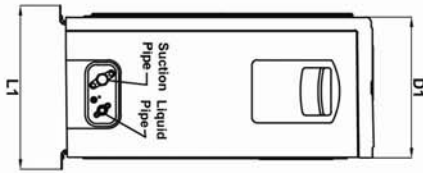
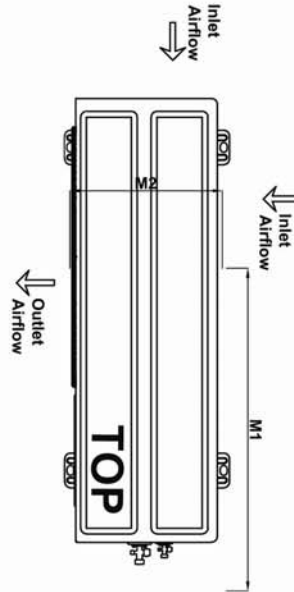
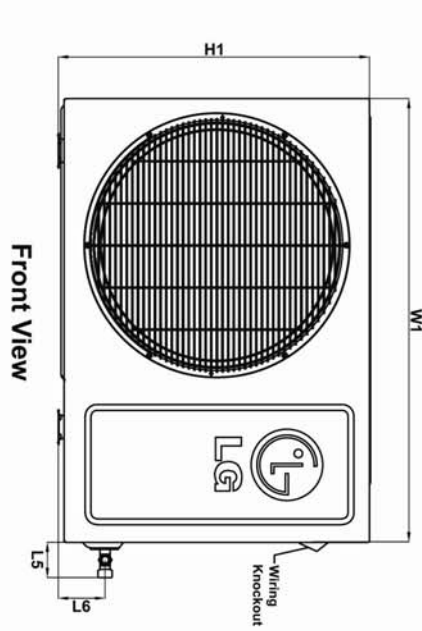


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Outdoor Unit (ODU) - LAU096HNP



W1	30 5/16"
D1	9 5/8"
H1	21 5/16"
L1	11 7/32"
L2	3"
L3	1 7/8"
L4	3 15/32"
L5	2 7/32"
L6	3 15/16"
M1	20 13/32"
M2	10 1/2"
M3	19 21/32"
M4	1 11/16"
W2	23 5/8"
D2	5 3/4"
H2	23 5/8"

Indoor Unit (IDU) - LAN096HNP

