

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**



PQWRHSFO

**Unit Model Numbers:**

Outdoor (ODU) Model	LAU096HNP
Indoor (IDU) Model	LAN096HNP

**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/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) <sup>1</sup>	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)) <sup>2</sup>	48
IDU Sound Pressure H/M/L (±3 dB(A)) <sup>2</sup>	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) <sup>3</sup>	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.Piping lengths are equivalent.
- 2.Sound Pressure levels are tested in an anechoic chamber under ISO Standard 1996.
- 3.All communication cable to be minimum 18 AWG, 2-conductor, stranded, shielded and must comply with applicable local and national code.
- 4.See Engineering Manual for sensible and latent capacities.
- 5.Power wiring cable size must comply with the applicable local and national code.
- 6.The indoor unit comes with a dry helium charge.
- 7.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.
- 8.Must follow installation instructions in the applicable LG installation manual.



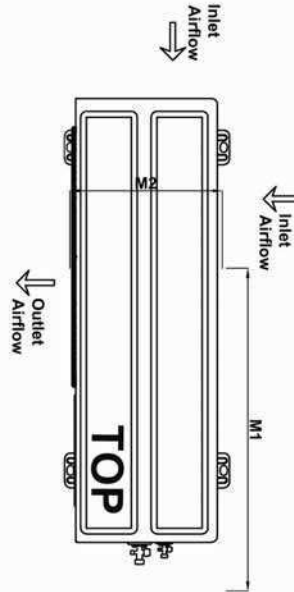
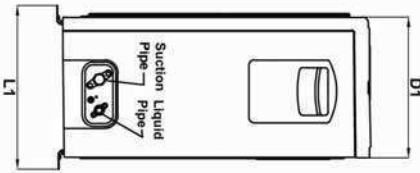
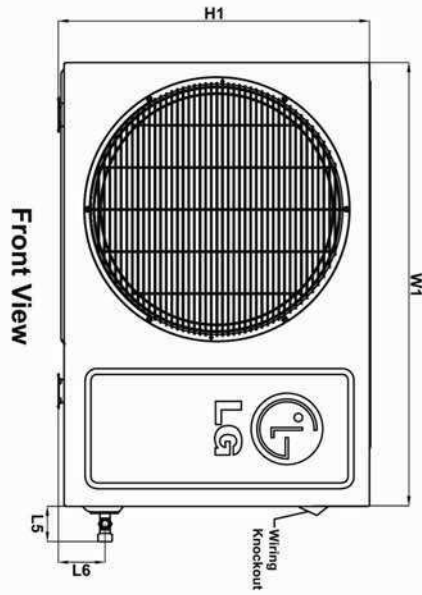
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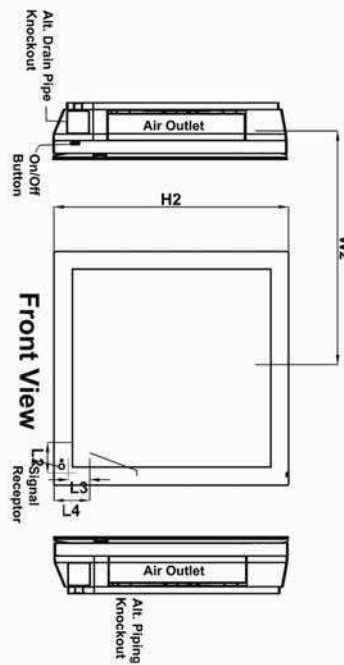
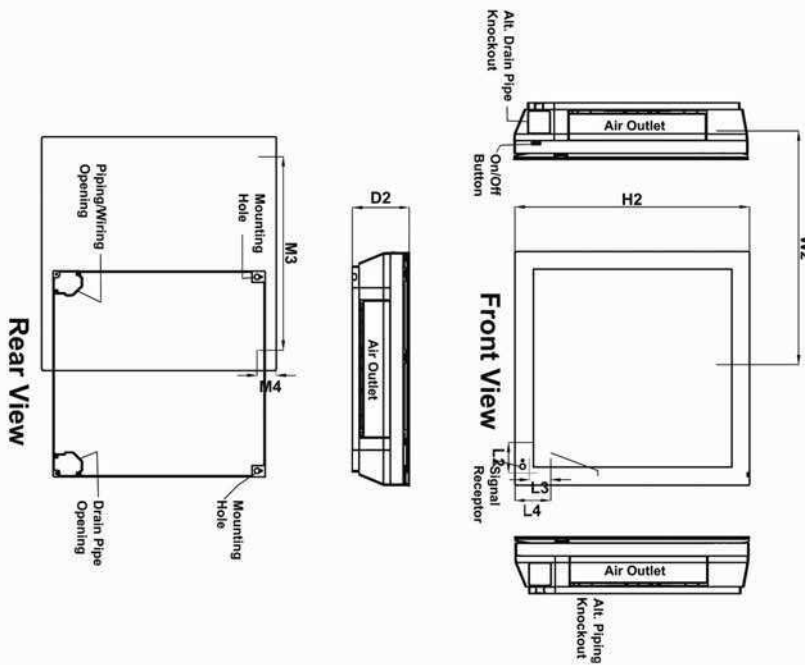
Date:

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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"



LAN096HNP