

Job Name/Location:

Tag #:

Date:

For: File Resubmit

PO No.:

Approval Other _____

Architect:

GC:

Engr:

Mech:

Rep:

(Company)

(Project Manager)

LMVN360HV
Multi F Vertical/Horizontal Air Handling Unit
36,000 Btu/h Indoor Unit



Performance:

Nominal Cooling Capacity (Btu/h)	36,000
Nominal Heating Capacity (Btu/h)	40,000

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:

Power Supply (V ¹ /Hz/Ø)	208-230/60/1
Rated Amps (A)	1.12

Piping:

Liquid Line (in, OD)	3/8
Vapor Line (in, OD)	5/8
Drain OD, ID (in)	3/4 FPT
Temperature Sensor	Thermistor

Features:

- ESP control
- Hot start
- Auto restart
- Child lock
- Inverter (variable speed fan)
- Group control
- Sleep mode
- Timer (on/off)

Included Accessories:

- Simple Controller with Mode (White) AKB72955816

Optional Accessories (sold separately)

- LG Programmable Thermostat - PREMTB10U
- Wireless Handheld Remote Controller - PQWRHQ0FDB
- AC Smart Premium - PQCSW421E0A
- ACP Premium - PQPC22A1
- ACP Standard - PQPC22N1
- LonWorks Gateway - PQNFB16A1
- BACnet Gateway - PQNFB17C1
- AC Ez - PQCSZ250S0
- Dry Contact Unit Dry Contact Unit (1 contact, 24 VAC external power) - PQDSB1
- Dry Contact Unit Dry Contact Unit (2 input, power from indoor unit) - PQDSBC
- Dry Contact for third party thermostat - PQDSBNGCM1
- Remote Temperature Sensor - PQRSTA0
- 5 kW Electric Heater - ANEH053B1
- 10 kW Electric Heater - ANEH103B2

For a complete list of available accessories, contact your LG representative.

Entering Mixed Air:

Cooling (°F WB)	57-77
Heating (°F DB)	59-81

Unit Data:

Refrigerant Type	R410A
Refrigerant Control	EEV
Sound Pressure ³ H/M/L (±3 dB(A))	45/44/43
Net Unit Weight (lbs)	121
Shipping Weight (lbs)	140

Fan:

Type	Sirocco
Quantity	1
Motor/Drive	Brushless Digitally Controlled/Direct
Airflow Rate H/M/L (CFM)	990/880/800
External Static Pressure ^{4, 5} (in wg)	0.5
Minimum External Static Pressure ⁶	0.1
Maximum External Static Pressure ⁶	1.0

Standard Features:

- Access Panel for Field Supplied Air Filter
 - (16 x 20 x 1 inch)

Notes:

1. Acceptable operating voltage: 187V-253V.
2. Requires an LG wired thermostat.
3. Sound Pressure levels are tested in an anechoic chamber under ISO Standard 1996.
4. Adjust fan speed to correct for static pressure increases when using field supplied air filter.
5. At factory fan speed setting.
6. Air flow rate (CFM) at high speed.
7. See Engineering Manual for sensible and latent capacities.
8. All power/communication cable to be minimum 18 AWG, 4-conductor, stranded, shielded and must comply with applicable local and national code.
9. Power wiring cable size must comply with the applicable local and national codes.
10. This unit comes with a dry helium charge.
11. Corresponding refrigerant piping length is in accordance with standard length of each outdoor unit and the level difference is 0 ft. All capacities are net with a combination ratio between 95 – 105%.
12. Must follow installation instructions in the applicable LG installation manual.



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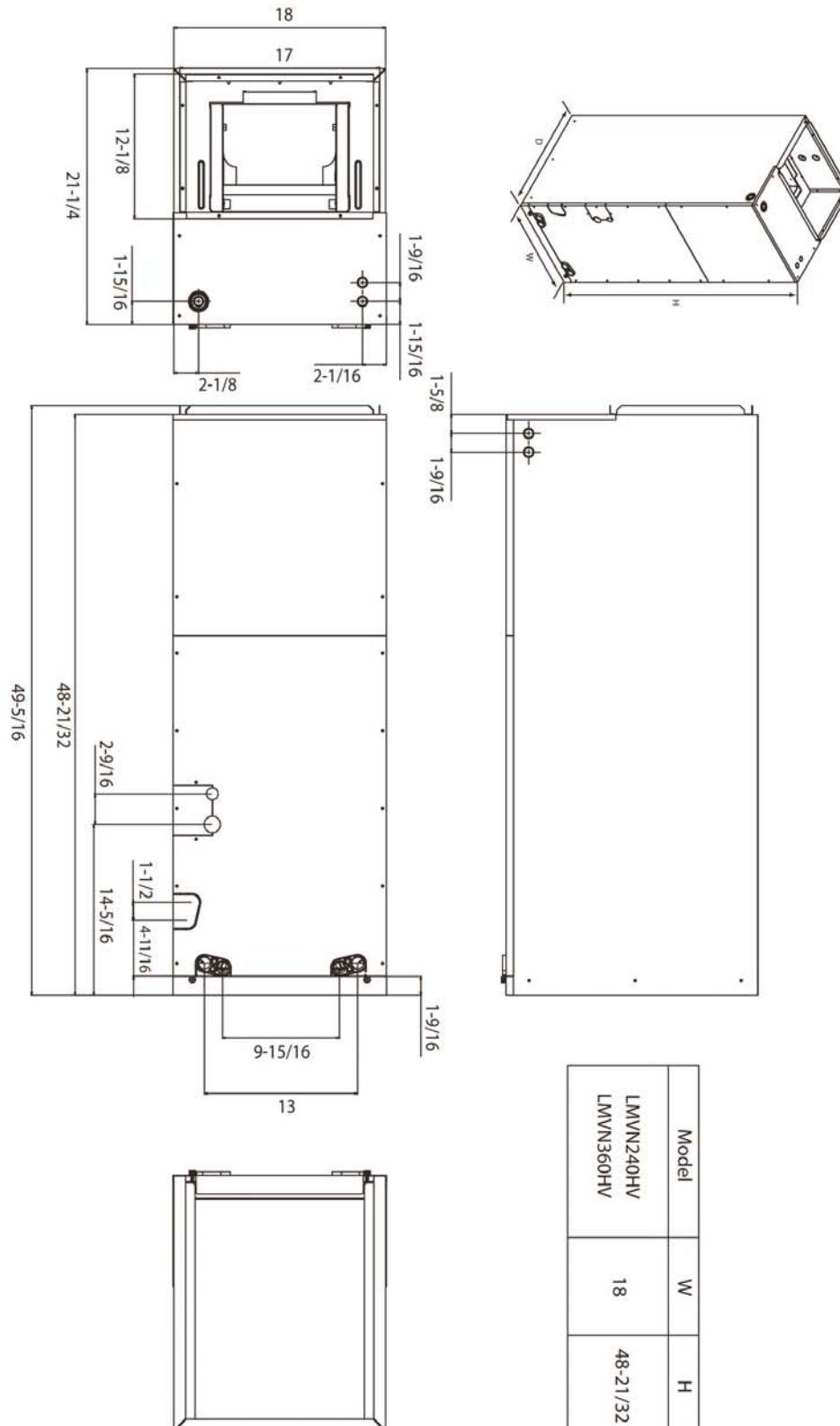
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Model	W	H	D
LMVN240HV	18	48-21/32	21-1/4
LMVN360HV	18	48-21/32	21-1/4

Unit: inch