Job Name/Location:

Date:
PO No.:
Architect:
Engr:

Rep:
(Company)
(Project Manager)

Tag #:

For: File Resubmit
Other

Approval Other

(Project Manager)

# LMN247HVT Multi F Standard 24,000 Btu/h Indoor Unit



#### Performance:

Nominal Cooling Capacity (Btu/h)	24,000
Nominal Heating Capacity (Btu/h)	27,000

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 (V¹/Hz/Ø)	208-230/60/1
Rated Amps (A)	0.30

## Piping:

Liquid Line (in, OD)	1/4
Vapor Line (in, OD)	1/2
Drain OD, ID (in)	13/16, 5/8
Temperature Sensor	Thermistor

#### **Controls Features:**

- •4-Way auto swing
- •24-Hour on/off timer
- Auto operation
- •Auto restart
- •Chaos wind
- •Inverter (variable speed fan)
- •Jet Cool/Jet Heat
- •Plasma air purifying system
- •Self-cleaning indoor coil
- •Sleep mode
- •Condensate sensor
- connection
- •Group control

#### **Included Accessories:**

•Wireless Handheld Remote Controller - AKB73635606

## **Optional Accessories:**

- 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
- AC Smart Premium PQCSW421E0A
- ACP Premium PQCPC22A1
- ACP Standard PQCPC22N1
- LonWorks Gateway PQNFB16A1
- BACnet Gateway PQNFB17C1
- Dry Contact Unit (1 contact, 24 VAC external power) PQDSB1
- Dry Contact Unit (2 input, power from indoor unit) PQDSBC
- Dry Contact for third party thermostat PQDSBNGCM1

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 <sup>2</sup> H/M/L (±3 dB(A))	42/39/36
Primary Filter	Washable Pre-filter
Secondary Filter	Plasma
Net Unit Weight (lbs)	32
Shipping Weight (lbs)	37

#### Fan:

Туре	Cross Flow
Quantity	1
Motor/Drive	Brushless Digitally Controlled/Direct
Airflow Rate H/M/L (	CFM) 720/600/466

# Notes:

- 1.Acceptable operating voltage: 187V 253V.
- 2.Sound Pressure levels are tested in an anechoic chamber under ISO Standard 1996.
- 3.See Engineering Manual for sensible and latent capacities.
- 4.All power/communication cable to be minimum 18 AWG, 4-conductor, stranded,
- shielded and must comply with applicable local and national code.

  5.Power wiring cable size must comply with the applicable local and national code.
- 6.This unit comes with a dry helium charge.
  7.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
- 8.Must follow installation instructions in the applicable LG installation manual.



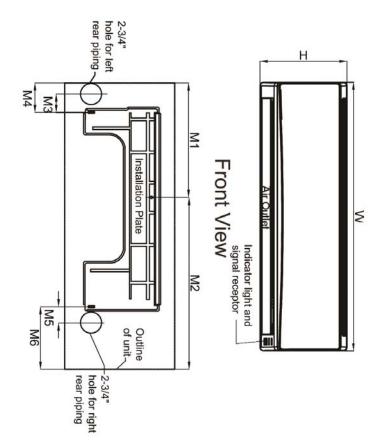


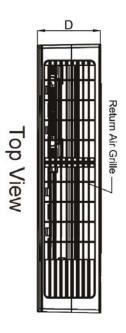


# LMN247HVT Multi F Standard 24,000 Btu/h Indoor Unit



Tag #:		
Date:		
DO No :		





M6	M5	M4	МЗ	M2	M1	[2		I	D	×
8 1/4"	2 7/32"	4 1/8"	2 23/32"	22 7/16"	18 1/8"	1 27/32"	2 1/16"	12 25/32"	9 27/32"	40 9/16"

