

Job Name/Location:

Tag #:

Date:

For: File Resubmit

PO No.:

Approval Other _____

Architect:

GC:

Engr:

Mech:

Rep:

(Company)

(Project Manager)



LMN077HVT
Multi F Standard
7,000 Btu/h Indoor Unit



Performance:

| | |
|----------------------------------|-------|
| Nominal Cooling Capacity (Btu/h) | 7,000 |
| Nominal Heating Capacity (Btu/h) | 8,100 |

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) | 0.10 |

Piping:

| | |
|----------------------|------------|
| Liquid Line (in, OD) | 1/4 |
| Vapor Line (in, OD) | 3/8 |
| 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 - PQPC22A1
- ACP Standard - PQPC22N1
- 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 ² H/M/L (±3 dB(A)) | 33/30/26 |
| Primary Filter | Washable Pre-filter |
| Secondary Filter | Plasma |
| Net Unit Weight (lbs) | 23 |
| Shipping Weight (lbs) | 26 |

Fan:

| | |
|--------------------------|---------------------------------------|
| Type | Cross Flow |
| Quantity | 1 |
| Motor/Drive | Brushless Digitally Controlled/Direct |
| Airflow Rate H/M/L (CFM) | 198/177/162 |

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 between 95 - 105%
8. Must follow installation instructions in the applicable LG installation manual.



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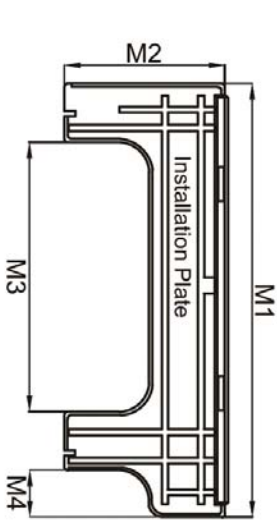
LMN077HVT
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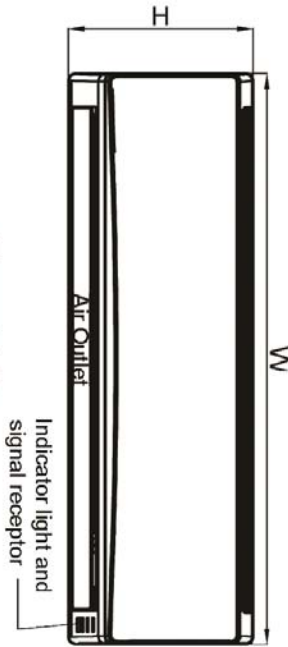
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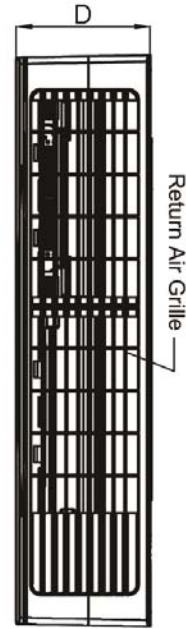
PO No.: _____



Front View



Top View



| | |
|----|-----------|
| W | 35 1/4" |
| D | 8 9/32" |
| H | 11-3/8" |
| L1 | 1 31/32" |
| L2 | 1 25/32" |
| M1 | 26 9/16" |
| M2 | 10 13/32" |
| M3 | 16 5/8" |
| M4 | 2 3/4" |

