



### Benefits of Multi F Systems

- Individual zone control
- Maximum flexibility
- Operating ranges of 14°F to 118°F (DB) in cooling and 0°F to 64°F (WB) in heating
- Quiet and comfortable environment
- Safer and easier installation with reduced ductwork
- Cost efficient
- Lightweight and compact system components



### About LG Electronics, Inc.

LG Electronics, Inc. is a global leader and technology innovator in consumer electronics, mobile communications, and home appliances, employing more than 213,000 people in more than 60 countries worldwide. LG's commercial air conditioning business unit was established in 1968, and offers VRF, Multi F, duct-free split systems, packaged terminal air conditioners (PTACs), and room air conditioners.

*With LG, it's all possible.™*

## Art Cool™ Mirror

### Multi-Zone System Indoor Unit

Multi F multi-zone comfort solutions are air-conditioning systems that “split” into indoor and outdoor units, providing a smart alternative to both central HVAC and window-mounted air conditioners. These Inverter heat pump systems are available in a variety of configurations to suit different cooling and heating situations.

#### Multi F Art Cool™ Mirror Indoor Units

LG's Multi F Art Cool™ Mirror indoor units have a flat panel with a smoked charcoal mirror finish for a modern style. Installation is simple—the units are designed to securely mount on a vertical surface using an included back plate. The removable, washable and plasma filters are easily accessible from the front of the unit without using tools. Each indoor unit includes its own wireless handheld remote controller; an LG-supplied wired controller is available separately.



## MULTI F

#### Sleek Comfort

A motorized guide vane allows the control of airflow direction from side to side. A motorized louver can automatically change airflow by directing the air up and down for a uniform air distribution.

Choose from Low, Med, High, Power Cool and Auto settings in Cooling mode; Low, Med, High, Power Heat and Auto settings in Heating mode. The Auto setting adjusts fan speed based on the difference between the controller setting and the room temperature. Also, a Chaos setting simultaneously and randomly changes fan speed and airflow direction, simulating a natural outdoor breeze. And Art Cool™ Mirror indoor units operate at sound levels no higher than 39 dB(A), contributing very little noise to the room.

#### Quality Commitment

LG is committed to the success of air-conditioning projects. We provide technical support during installation, and offer a variety of classes designed for installers and service providers. Classes are conducted at LG's training centers and in field locations at various times throughout the year and upon special request.

# Art Cool™ Mirror Multi F System Indoor Unit

## LMAN097HVT

9,000 Btu/h Nominal Cooling Capacity  
10,400 Btu/h Nominal Heating Capacity

## LMAN127HVT

12,000 Btu/h Nominal Cooling Capacity  
13,800 Btu/h Nominal Heating Capacity

## LMAN187HVT

18,000 Btu/h Nominal Cooling Capacity  
20,800 Btu/h Nominal Heating Capacity



LMAN097-127-187HVT



### Features

- Inverter (Variable speed fan)
- Chaos swing
- Jet Cool / Jet Heat
- Self-cleaning indoor coil
- Auto operation
- Auto restart
- 24-Hour on-off timer
- Plasma filter
- Includes wireless LCD remote controller, batteries, holder and holder hardware; wired controller available as an option

Warranty: Five (5) years parts.

| Model Number                                        | LMAN097HVT                              | LMAN127HVT                              | LMAN187HVT                              |
|-----------------------------------------------------|-----------------------------------------|-----------------------------------------|-----------------------------------------|
| Nominal Cooling Capacity (Btu/h)                    | 9,000                                   | 12,000                                  | 18,000                                  |
| Nominal Heating Capacity (Btu/h)                    | 10,400                                  | 13,800                                  | 20,800                                  |
| Fan                                                 |                                         |                                         |                                         |
| Type                                                | Cross Flow                              | Cross Flow                              | Cross Flow                              |
| Motor Output (W) x Qty.                             | 14.4 x 1                                | 14.4 x 1                                | 76.0 x 1                                |
| Motor/Drive                                         | Brushless Digitally Controlled / Direct | Brushless Digitally Controlled / Direct | Brushless Digitally Controlled / Direct |
| Airflow Rate (H/M/L) (CFM)                          | 247 / 230 / 212                         | 335 / 318 / 300                         | 572 / 501 / 434                         |
| Unit Data                                           |                                         |                                         |                                         |
| Refrigerant Type / Control                          | R410A / EEV                             | R410A / EEV                             | R410A / EEV                             |
| Power Supply (Phase / V / Hz)                       | 1 / 208-230 / 60                        | 1 / 208-230 / 60                        | 1 / 208-230 / 60                        |
| Rated Amps (A)                                      | 0.2                                     | 0.2                                     | 0.3                                     |
| Sound Pressure Level $\pm 3$ dB(A) (H/M/L)          | 33 / 30 / 27                            | 39 / 36 / 31                            | 37 / 33 / 28                            |
| Dimensions (W x H x D, in.)                         | 35-1/4 x 11-3/8 x 8-1/16                | 35-1/4 x 11-3/8 x 8-1/16                | 40-9/16 x 12-25/32 x 9-5/8              |
| Net Unit Weight (lbs.)                              | 25                                      | 25                                      | 35                                      |
| Shipping Weight (lbs.)                              | 29                                      | 29                                      | 40                                      |
| Power Wiring / Communications Cable (No. x AWG)     | 4 x 18                                  | 4 x 18                                  | 4 x 18                                  |
| Heat Exchanger (Row x Column x Fin / inch) x Number | (2 x 16 x 23) x 1                       | (2 x 16 x 23) x 1                       | (3 x 18 x 22) x 1                       |
| Piping                                              |                                         |                                         |                                         |
| Liquid (in.)                                        | 1/4                                     | 1/4                                     | 1/4                                     |
| Vapor (in.)                                         | 3/8                                     | 3/8                                     | 1/2                                     |
| Drain O.D. / I.D. (in.)                             | 27/32 / 5/8                             | 27/32 / 5/8                             | 27/32 / 5/8                             |