



# LG PuriCare™

Dual Inverter Dehumidifier



**LG PuriCare™**

## Dual Inverter Dehumidifier

Why LG Dual Inverter Dehumidifier?





01

Dual Inverter Compressor

02

**LG ThinQ™**

03

Convenient Design

## Why LG Dual Inverter Dehumidifier?

### 01 Dual Inverter Compressor

While the compressor determines the operating efficiency, performance and noise level of the dehumidifier, LG Dual Inverter Compressor is effective in energy-saving, strong performance, low noise level and is extremely durable.

#### Smart Efficiency

According to the humidity, the dehumidification intensity will be automatically adjusted, making the indoor environment dry and comfortable.



#### Strong Performance

The Dual Inverter design allows a strong dehumidification, with up to 30L daily dehumidification capacity, which is equivalent to 120 pieces of 250ml bottled water.



#### Less Noise

With 33dB low noise operation, your sleep will not be disturbed even when used at night.

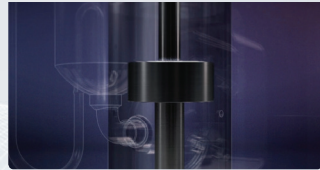


#### Durability

10-year warranty for the compressor.



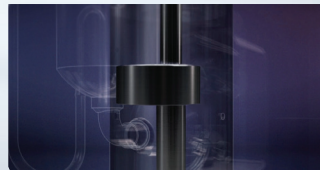
### Conventional Compressor



The compressor only runs at constant speed and it stops and opens repeatedly, thus increasing energy consumption.



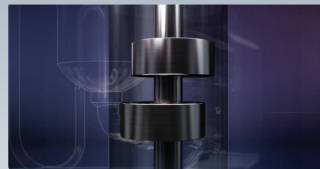
### Inverter Compressor



When a high amount of energy is needed, the compressor will run fast; when less energy is needed, its speed will be decreased. Compared with Conventional compressors, the energy consumption is relatively lower.



### Dual Inverter Compressor



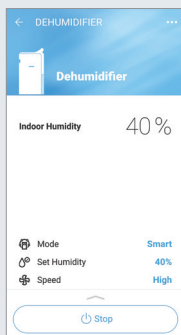
Comparing to conventional inverter compressors, dual inverter compressor requires less driving time, thus increasing energy efficiency.



## Why LG Dual Inverter Dehumidifier?

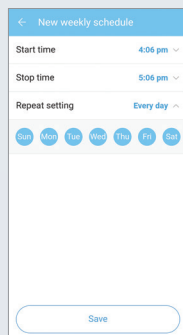
# 02 LG ThinQ™

Easily monitor and control your dehumidifier anywhere through the LG ThinQ™ App, you can also check humidity level and bucket full notification.



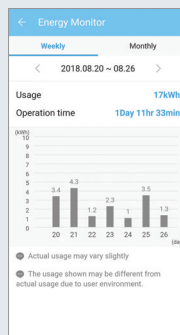
### Wi-Fi Remote Control

Monitor your dehumidifier anytime anywhere.



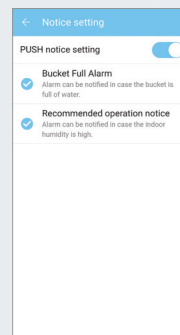
### Time Scheduler

Set up automatic on and off schedule.



### Energy Monitoring

Ensuring power consumption of your dehumidifier.



### Safety Notice

Receiving push notification for such as full bucket or high humidity level.

\*Actual user menu may be different after updates.

## 03 Convenient Design



### Push-and-Pull handle

Height of the handle is at the waist level therefore could be easily moved around.

### Transparent water tank design

The tank can be held with one hand and the operation is easy. The Built-in cover design can prevent water leaking and the transparency allows you to have a quick look at the water storage capacity.

### Easy-Roll Caster

Can be rotated in 360°, allows for smooth moving.

## Shoe Dry and Closet Dry Hose for High-Speed Clothes and Shoes Drying



### Shoe Dry Y-hose

Fitted with the shape of shoes, it effectively removes the moisture inside and achieves high-speed drying.



### Closet Dry T-hose

Can be placed in a narrow closet and drawer to prevent moisture and mildew.

## Safe Dehumidification

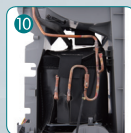
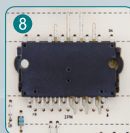
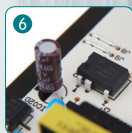
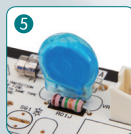
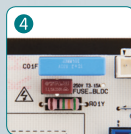
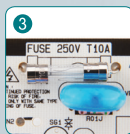
18 safety features for your peace of mind.

### Motherboard Protection System (Circuit Parts)

- 1 Control Box covered in iron panel
- 2 Covered in non-flammable material
- 3 Electrical current input protection fuse
- 4 Motor protection fuse
- 5 Overvoltage protective thermal resistance
- 6 Voltage control switch chip
- 7 DC overvoltage protection
- 8 Compressor overcurrent sensing smart power module

### Heat Exchanger Status Sensor

- 9 Low Temperature Sensor
- 10 High Temperature Sensor



**Motor Protection Device**

- 11 Motor temperature sensor
- 12 Closed structure to prevent spreading of fire

**Power Plug Protection**

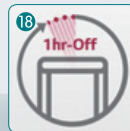
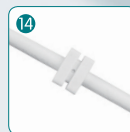
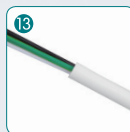
- 13 Double insulation protection to prevent power cable exposed due to external damage
- 14 Fixed busing to prevent shedding due to external forces

**Compressor Protection Device**

- 15 Overload protection
- 16 High temperature sensor
- 17 Covered in non-flammable material

**Safe Operation Mechanism**

- 18 Safe standby (After 24 hours of continuous operation, the compressor stops running for 1 hour while the fan keeps spinning for 30 minutes. The whole machine restores operation after another 30 minutes of standby.)



## Nano Ion Purification

### Nano Ion

Removing harmful bacteria from the air.



**Step 1** Combine with water molecules in the air to form ion clusters, which surround various harmful substances.

**Step 2** Destroy the protection of bacteria thus removing it.

**Step 3** Harmful substances are combined to form water releasing clean air.

### Auto Clean

Mandatory air releasing after shutdown to dry the inner part of the dehumidifier, avoiding the build-up of mold and smell.



Dual Inverter Dehumidifier | **LG PuriCare™**



Model	MD19GQGA1
General	
Dehumidification (30°C/RH80%)	30L
Annual Energy Consumption (kWh)	131
Application Area	79 m²
Operation Type	Dual Inverter Compressor
Drainage Type	Water Tank / External Drain Pipe (continuous drainage)
Water Tank Capacity (Gross)	5.3
Noise Level (High/Low)	39 / 33 dB
LG ThinQ™	
LG ThinQ™ App	Android / iOS
Connectivity	Wi-Fi
Smart Function	Remote Control, Scheduler, Humidity Measure, Energy Consumption Report, Smart Diagnosis™
Features	
Ionizer	Yes
Filter	Yes
Panel	Touch + LED
Timer	1 - 8 Hours
Operating Mode	Smart, Fast, Mute, Spot, Clothes
Fan Speed Adjust	2
Automatic Dry function	Yes
Overheat Protection System	Yes
Automatic Shut-off System	Yes
Automatic Defrost	Yes
Bucket Full Indicator	Yes
Easy-Roll Caster	Yes
Dimensions & Weights	
Dimensions (W x D x H mm)	415 x 685 x 296
Weight (kg)	16.7

\*Dehumidification level may vary in different environments.



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