

# Electronic Control System



## Easy Access Temperature Control

Without opening the door, refrigeration temperature can be adjusted including miracle zone simply by pressing the "Super Freeze" button.

## Digital Technology & Digital LCD Display

World first LCD(Liquid Crystal Display) panel in bottom freezer features a smart and functional design. Experience the cutting-edge digital functionality and uncompromising ease-of-use. The desired temperature is indicated in icons and numbers, and miracle zone temperature is marked in degrees.

## Super Freezing

By pressing "Super Freeze" button, you can freeze food much faster by supplying additional cold air to the freezer compartment.

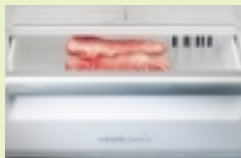
## Vacation[Energy Saving Mode]

Activate energy saving mode before a vacation. The refrigerator will maintain the required temperature for preserving food, while saving energy and money.



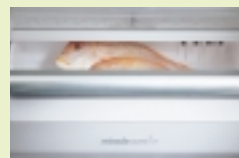
# miracle zone™

Maintaining freshness, allowing you to select just-right temperatures according to your need. Using specialized temperature setting, optimum temperature for respective food can be adjusted by preventing moisture loss with accurate LCD temperature control outside.



-7°C

Meat (Long Term)



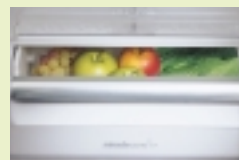
-3°C

Fish (Long Term)



-1°C

Meat / Fish (Short Term)



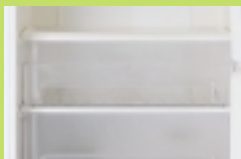
1°C

Vegetable / Fruit



## Magic Crisper™

Guarantees freshness by controlling moisture level. This is a special lattice-type cover which controls moisture at optimum level. Excess moisture is condensed at high humidity while moistures are evaporated at low humidity due to its grid patterned crisper cover, Therefore retaining just the right amount of moisture to enhance freshness.



## Fresh Zone

freshness is kept allowing users to preserve the flavors as well as nutritional value longer.



## Folding Shelf

The interior is thoroughly designed to offer exceptional convenience and space flexibility. These adjustable folding shelf will change the dead space into optimal storage space.



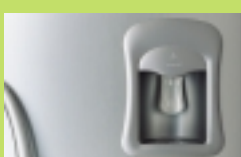
## Wine Rack

Wine or beverage rack offers convenient storage of tall bottles such as wine and vodka.



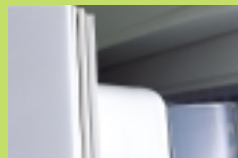
## Digital Sensor

Digitally-controlled sensor interact with micro-computer mounted PCB which controls the temperature effectively and precisely. LG's high performance capabilities in digital cooling provide you the most convenient life style.



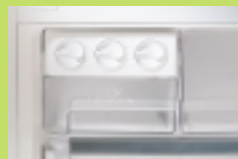
## Soft Touch Water Kit

You can enjoy the cool water simply by touching the dispenser lever.



## Bio Shield™

Spores on door sealing proliferate by nutrition from door sealing itself and temperature/humidity condition. Bio Shield[anti-bacteria door sealing] prevents proliferation of spores and forms an anti-bacteria circle.



## Triple Twist Ice Tray

Triple ice tray with twist levers provides you convenient ice cube handling.



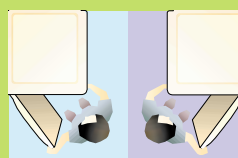
## Moving Basket

Owing to the help of moving basket, you can save the enough space for tall bottles.



## Pizza Nook™

Pizza Nook will supply you with suitable space for pizza and similar-sized food.



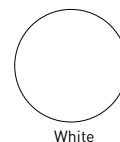
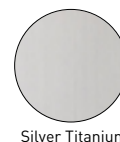
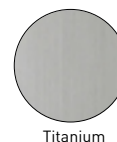
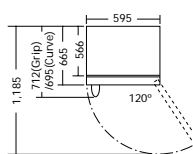
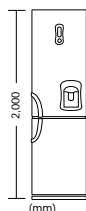
## Reversible Door

Depending on available space and convenience, users can freely change the direction of the refrigerator door opening.

# Specifications

Titanium		GR-459GTKA	GR-459QTJA	GR-459GTRA	GR-459QTQA	
Silver Titanium		GR-459GUKA	GR-459QUJA	GR-459GURA	GR-459QUQA	
Euro White (VCM)		GR-459GVKA	GR-459QVJA	GR-459GVRA	GR-459QVQA	GR-459GVCA
Euro White (PCM)		GR-459GKA	GR-459GJA	GR-459GRA	GR-459QQA	GR-459GCA
<b>Capacity (l / cu.ft.)</b>						
Gross	Total	450/15	450/15.8	450/15.8	450/15.8	450/15.8
	Freezer	165/5.8	148/5.2	165/5.8	148/5.2	148/5.2
	Refrigerator	285/10	302/10.6	285/10	302/10.6	302/10.6
Gross (ISO)	Total	353/12.4	361/12.7	369/13	377/13.3	378/13.3
	Freezer	119/4.2	119/4.2	119/4.2	119/4.2	120/4.2
	Refrigerator	234/8.2	242/8.5	250/8.8	258/9.1	258/9.1
Storage (ISO)	Total	321/11	329/11.6	343/12.1	351/12.3	352/12.4
	Freezer	83/2.9	83/2.9	83/2.9	83/2.9	84/2.9
	Freezer 2 star section	10/0.3	10/0.3	10/0.3	10/0.3	10/0.3
	Refrigerator	206/7.2	214/7.5	250/8.8	258/9.1	208/7.3
	Chiller Compartment	22/0.7	22/0.7	-	-	-
<b>Dimension (mm)</b>						
Net/Packing	Width	595/655	595/655	595/655	595/655	595/655
	Height	2000/2095	2000/2095	2000/2095	2000/2095	2000/2095
	Depth	665/727	665/727	665/727	665/727	665/727
Weight (kg)	Net/Packing	85/94	85/94	85/94	85/94	85/94
Stuffing Q'ty	20ft / 40ft / 40ft HC	24/54/54	24/54/54	24/54/54	24/54/54	24/54/54
Energy Rating	Kwh / Year	386(A)	390(A)	395(A)	400(A)	401(A)
Star rating		4 Star	4 Star	4 Star	4 Star	4 Star
<b>General Feature</b>						
Temp.Control	Electronic	• Exterial LCD	• Exterial LCD	• Exterial LED	• Exterial LED	• Interior LED
Water Kit		•	-	•	-	-
Door alarm		•	•	•	•	•
Reversible door		•	•	•	•	•
Key & Lock		Option	Option	Option	Option	Option
Out Door		Drawing	Drawing	Drawing	Drawing	Drawing
Handle		Grip	Curve	Grip	Curve	Grip
<b>Refrigerator Compartment</b>						
Multi-Flow		•	•	•	•	•
Shelf	Tempered	•(2)	•(2)	•(3)	•(3)	•(3)
	Folding Shelf	•	•	Option	Option	-
Door basket	Transparent	•	•	•	•	•
	2/Bottle Storage	•	•	•	•	•
	Bottle guide	-	•	-	•	•
Chiller	Miracle Zone	•	•			
	Fresh Zone			•	•	•
Dairy	Compartment	•	•	•	•	-
Lamp		•	•	•	•	•
Fruit & Vegetable Box	One / Separate	One (Ez Open)	One (Ez Open)	One (Ez Open)	One (Ez Open)	One (Ez Open)
	Divider	•	•	Option	Option	-
	Cover T/V	Glass	Glass	Glass	Glass	Glass
Magic Crisper		•	•	•	•	-
Deodorizer		•	•	-	-	-
Wine Rack		•	•	Option	Option	-
Egg Tray		•	•	•	•	•
<b>Freezer Compartment</b>						
Drawer	Plastic	Drawer(3) Transparent	Drawer(3) Transparent	Drawer(3) Transparent	Drawer(3) Transparent	Drawer(3) Transparent(Optional)
Door Basket	Transparent	Pizza Nook	Pizza Nook	Pizza Nook	Pizza Nook	Pizza Nook
Super Freezing		•	•	•	•	•
Ice Maker	Twist Ice Tray	Triple	Triple	Triple	Triple	
	Normal Ice Tray					•

\*Design and specifications are subject to change without a prior notice for product improvement.



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# LG Bottom-Freezer



LG's new premium bottom-freezer  
adds pleasure to your life

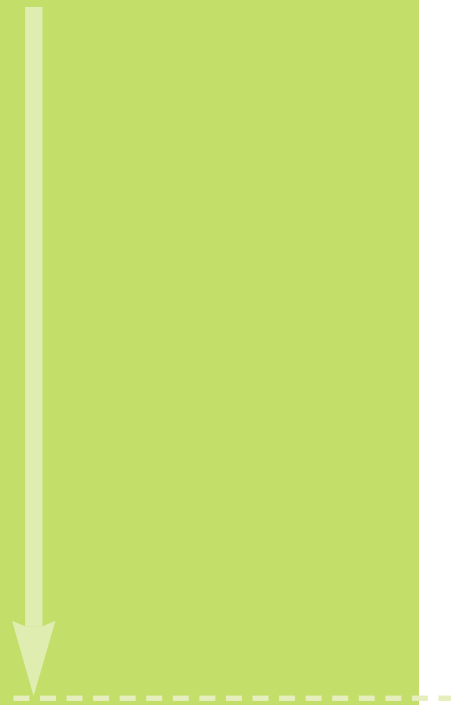
A Better Life with Digital



Digitally yours



With **digital technology**  
and **luxurious design**,  
LG's new premium bottom-Freezer will match  
your home perfectly



A photograph of a modern kitchen and dining area. In the foreground, a wooden dining table is covered with a light-colored, textured tablecloth. On the table, there is a white coffee cup on a saucer and a clear glass vase containing several white roses. A wooden chair is visible behind the table. In the background, a kitchen counter with a grey speckled surface is visible, featuring a sink, a faucet, and some white dishes. Above the counter, there is a large window with white blinds. A white refrigerator is partially visible on the right side of the frame. The overall atmosphere is bright and clean.

With **digital technology**  
and **luxurious**

LG's new premium bottom-Freezer will match

design,  
h your home perfectly



# LG's new bottom-freezer with more freshness and digital

GR-459G(T,U,V)KA / GR-459GKA  
GR-459Q(T,U,V)KA / GR-459QJK

## European Premium Design

- No Frost**
- Door Opening Alarm**
- LCD Display**
- Bioshield™**
- Water Kit**
- Refrigerator Compartment**
- **miracle zone™**
- **Magic Crisper™**
- **Multi Air Flow**
- Tempered Glass Shelves

- Moving Basket
- Dairy Corner
- Folding shelf
- Fruit & Vegetable Box (Ez open)
- Deodorizer
- Wine Rack
- Egg Tray
- Freezer Compartment**
- Triple Twist Ice Tray
- Pizza Nook™

GR-459G(T,U,V)KA / GR-459GKA  
GR-459Q(T,U,V)KA / GR-459QJK

## European Premium Design

- No Frost**
- Door Opening Alarm**
- LED Display**
- Bioshield™**
- Water Kit**
- Refrigerator Compartment**
- **Multi Air Flow**
- **Fresh Zone**



GR-459GTKA



GR-459QVJA



GR-459GTRA



GR-459QVJA

# tal technology

## GR-459VJRA / GR-459GRA GR-459VJQA / GR-459QQA

- Tempered Glass Shelves
- Moving Basket
- Dairy Corner
- Fruit & Vegetable Box (Ez open)
- Egg Tray
- Freezer Compartment**
- Triple Twist Ice Tray
- Pizza Nook™

## GR-459GVCA / GR-459GCA

- European Premium Design**
- No Frost**
- Door Opening Alarm**
- Interior LED Display**
- Bioshield™**
- Refrigerator Compartment**
- Multi Air Flow
- Fresh Zone
- Tempered Glass Shelves
- Moving Basket
- Fruit & Vegetable Box (Ez open)
- Egg Tray
- Freezer Compartment**
- Normal Ice Tray
- Pizza Nook™



GR-459QQA



GR-459GVCA