



# TOP FREEZER REFRIGERATOR

[GN-F452PQAK] [GN-C702HQCM]

*Product information in this presentation will be updated regularly.  
Kindly refer to the latest version of this presentation to avoid  
misinterpretation of products.*

V 03.05.2024





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# Introduction

GN-F452PQAK

GN-C702HQCM





# History of LG Refrigerator

LG PuriCare™

## INNOVATION LEADERSHIP



1965

Launched the first LG refrigerator



1979

Launched the first LG side-by-side refrigerator



2001

World's first linear compressor



2006

World's first side-by-side indoor ice maker refrigerator



2010

World's first Door-in-Door™ refrigerator



2013

World's first water purifying refrigerator



2014

World's first DUALDoor-in-Door™ refrigerator



# Refrigerator Door Styles

## Side-by-side



- GC-J257SQNW
- GC-B257SQVL

## French-door



- GC-B24FFCPB

## Top freezer



- GN-F452PQAK
- GN-C702HQCM

## Bottom freezer



## Single door





# Key features of LG Top Freezer refrigerator

- Convenience
- Freshness
- Design
- Energy efficient
- Smart home connectivity



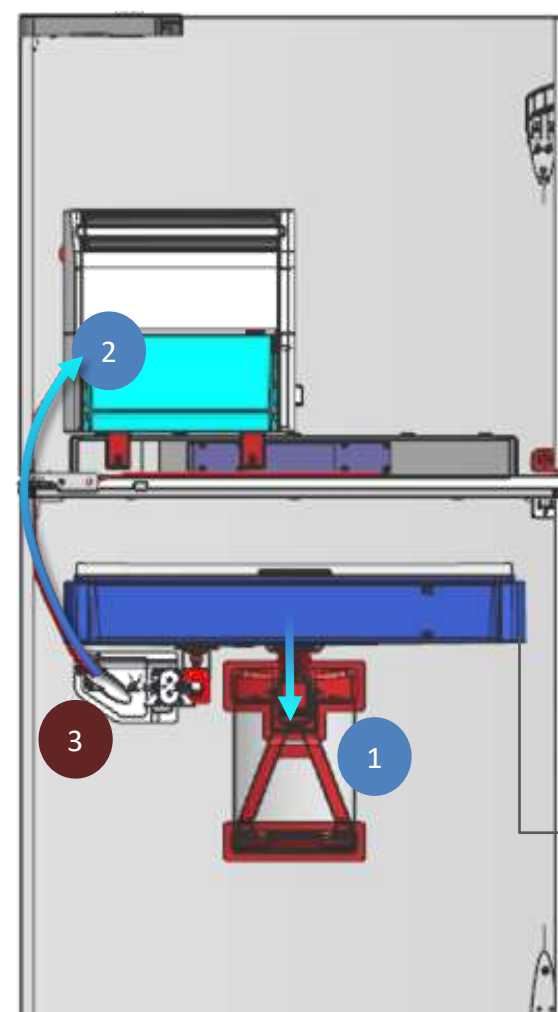


## Space Plus Ice System™

The Space Plus Ice System™ saves shelf space for larger items in your freezer and ensures there is always plenty of ice for entertaining.



### Water Supply for Dispenser and Spaceplus™ Ice System



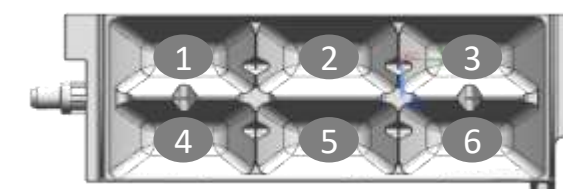
1 Water Supply for Drinking Water

2 Water Supply for Ice Making

3 Water Pump

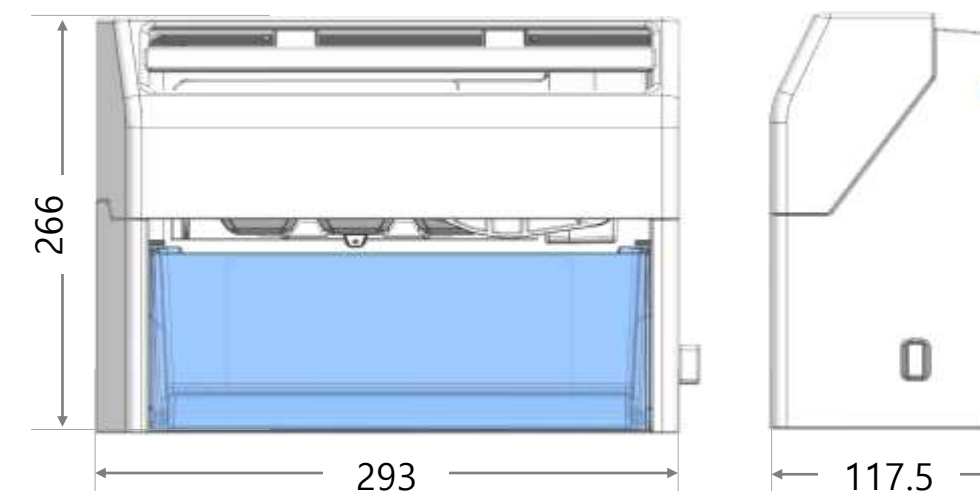
Water in Water Tank provides in 2 ways :  
4L for Drinking water & Ice Making

### Spaceplus™ Ice System

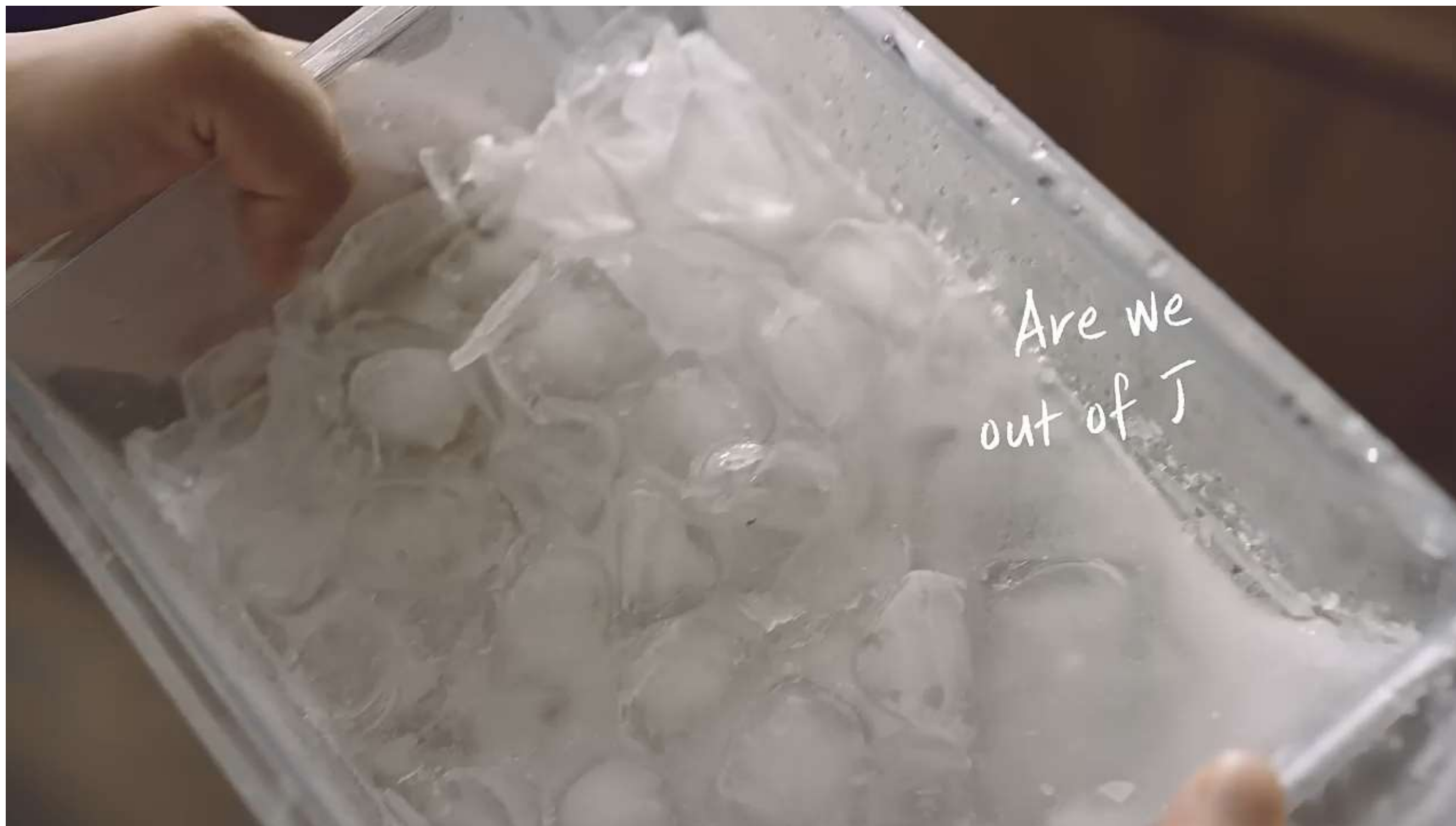


6ea x 6-7 turns  
=36-42ea /day

\* Ice Making Capacity may differ according to environments







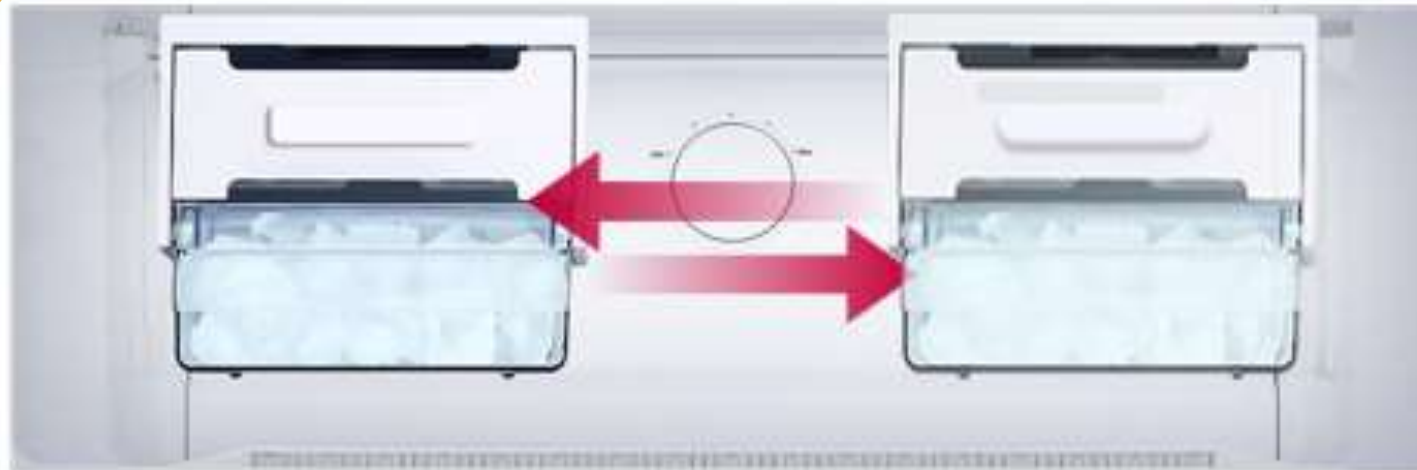
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## Space Plus Ice System™



## Moving Ice Maker



- **Slide it Both Side** Place it right side or place it left side as your wish.



- **Detach Ice Tray** If you don't want to use Ice maker, detach Ice tray easily and keep the food at tray area.



- **Twist It Easily** Twist Ice Maker with only 1 finger.



- **Ice Container** Don't more keep ice separately to other container. It has own container to save Ice.

Detachable & moving ice maker which you can easily take out and move this ice maker whenever you need more freezer space.



# LinearCooling™

It's one thing to have powerful cooling, but it's another to have consistency, which is important when it comes to keeping goods not only cold but also farm fresh. LG's LINEARCooling™ technology lowers temperature changes to less than 0.5°C, allowing for up to 7 days of optimum freshness.



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video





# Freshness

## LinearCooling™

- Food storage test (Moisture loss rate during 7 days)  
less moisture loss during 7days of storage in Linear Cooling™.



After 7days

Average  
**1.66%**  
moisture loss



After 14days

Average  
**3.02%**  
moisture loss



# DoorCooling<sup>+</sup>™

LG's exclusive **DoorCooling<sup>+</sup>™** technology cools quicker than a conventional cooling system for fresher food and colder beverages on every shelf.



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to watch  
video



# HygieneFresh<sup>+</sup>

Hygiene Fresh is a powerful air filter that not only removes bacteria in your refrigerator up to 99.99%\*, but also deodorizes and purifies the air inside.

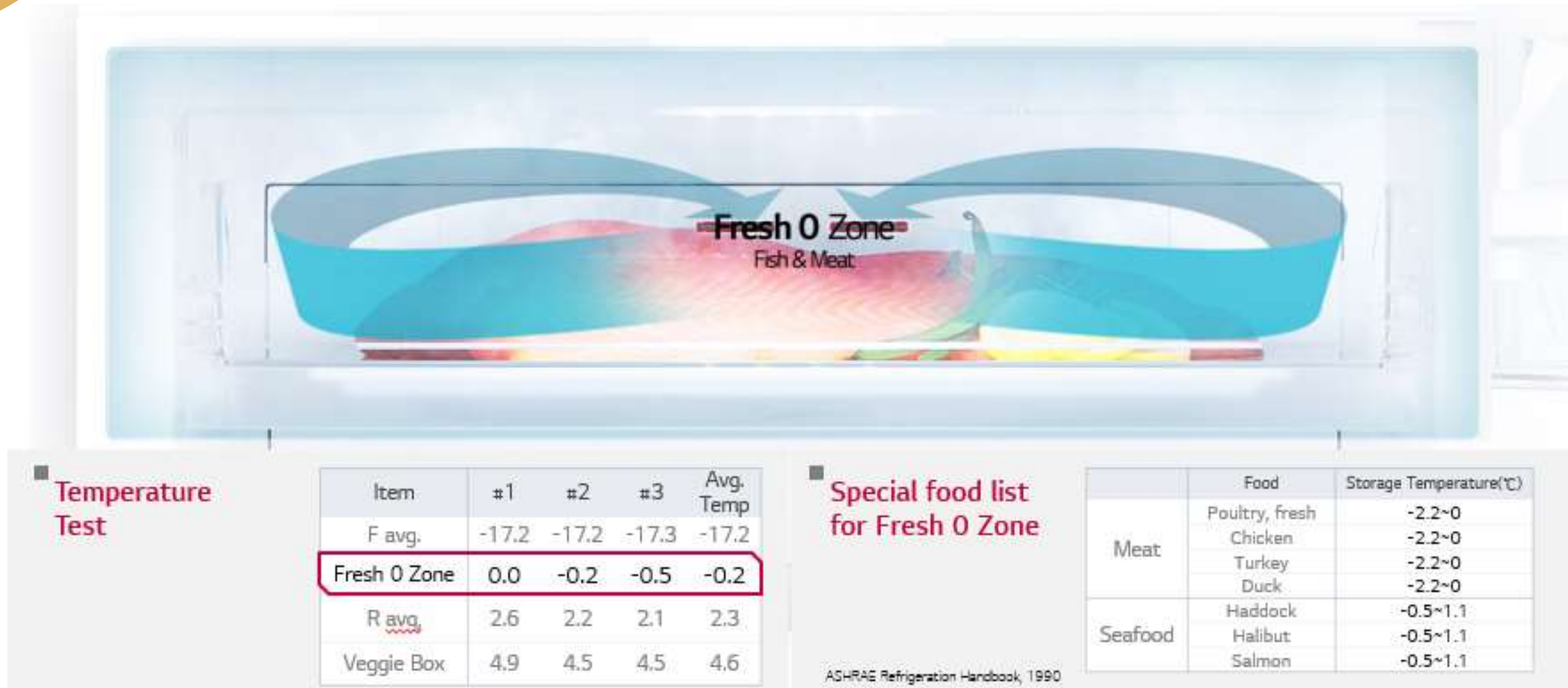


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video





## Fresh 0 Zone



Fresh 0 Zone provides the ideal climate to store fish and meat without having to freeze them.



## Multi Air Flow™

**Multi Air Flow™**

Multiple cooling air vents distribute and circulate cool air to every corner of the refrigerator, ensuring that each and every food item is properly cooled.





## Premium design

1



## ■ Square Pocket Handle

Modern and simple style completes your seamless kitchen look

2



## ■ New Dispenser





## Premium design





## Smart Inverter Compressor



Smart Inverter  
Compressor



### Greater Energy Efficiency

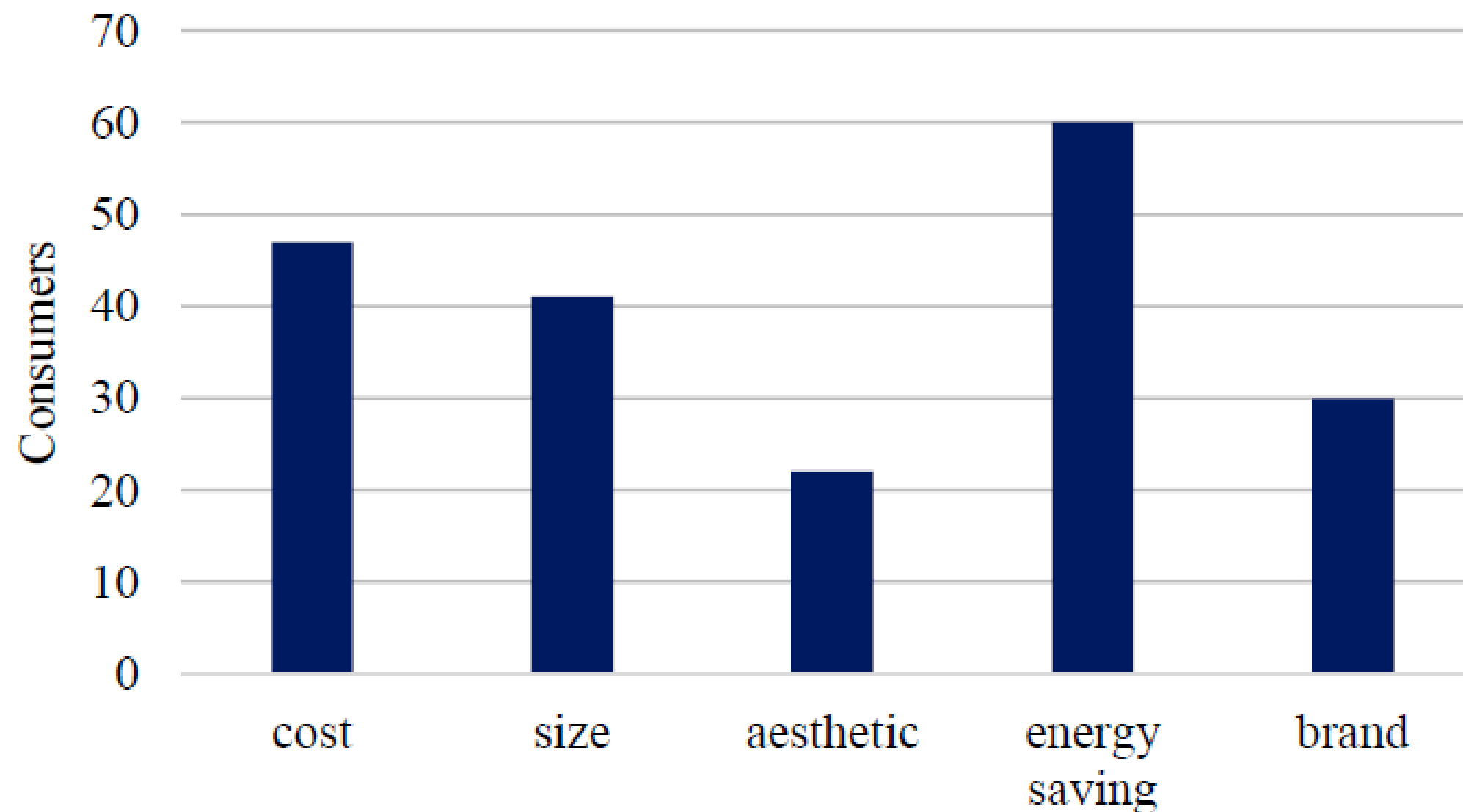
The Smart Inverter Compressor in LG refrigerators is designed to provide greater energy efficiency, lower noise levels, and longer lifespan.



### 10-Year Warranty

It adjusts cooling power based on the amount of food stored and ensures consistent cooling. With a 10-year warranty, it saves up to 36% energy and reduces noise by 25%.





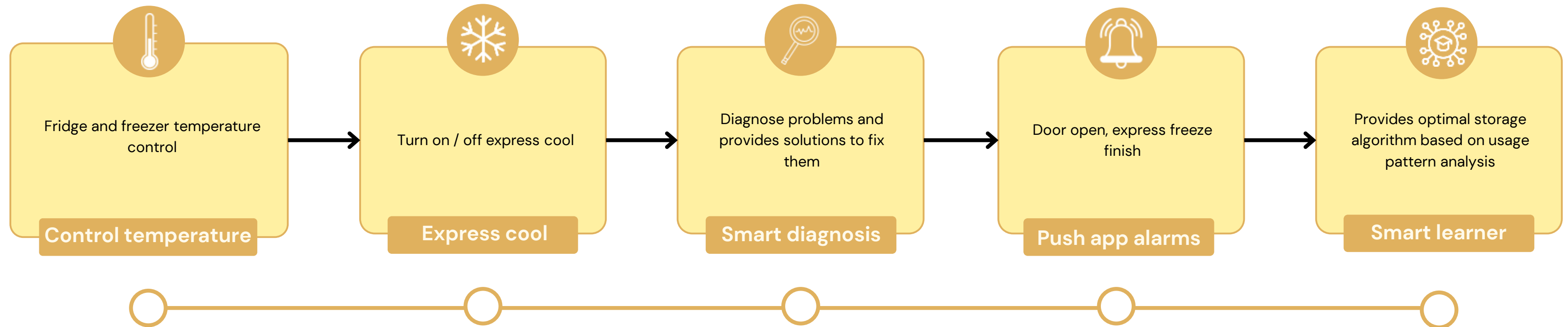
**Figure 1. Consumers' decision standards for buying a domestic refrigerator.**

Adapted from Belman-Flores, Juan, et al. "Perspectives on Consumer Habits with Domestic Refrigerators and Its Consequences for Energy Consumption: Case of Study in Guanajuato, Mexico." *Energies*, vol. 12, no. 5, 5 Mar. 2019, p. 860, [www.mdpi.com/1996-1073/12/5/860/pdf](http://www.mdpi.com/1996-1073/12/5/860/pdf), <https://doi.org/10.3390/en12050860>. Accessed 15 Dec. 2021.



LG ThinQ on  
iOSLG ThinQ on  
Android

With the most extensive range of Wi-Fi enabled appliances available today, you can control and diagnose your appliance with your smartphone and manage all of them. The LG ThinQ app lets you control key features remotely from anywhere you are.



***Note: Functionalities in LG ThinQ™ app may vary across refrigerator models.***



# Key Selling Points

LG PuriCare™

GN-F452PQAK

## Convenience

Spaceplus™ Ice System

## Freshness

LinearCooling™  
DoorCooling+™  
HygieneFresh+™  
Multi Air Flow™  
Fresh O Zone

## Design

Premium design

## Energy efficient

Smart inverter compressor

## Smart home connectivity

LG ThinQ





# Key Selling Points

LG PuriCare™

## Convenience

Moving ice maker

## Freshness

LinearCooling™  
DoorCooling+™  
HygieneFresh+™  
Multi Air Flow™

## Design

Premium design

## Energy efficient

Smart inverter compressor

## Smart home connectivity

Smart diagnosis

GN-C702HQCM



1800 mm

780 mm

730 mm



# Product specifications

GN-F452PQAK

GN-C702HQCM





# Product specifications



GN-F452PQAK

Model code



GN-C702HQCM

Smart inverter compressor	Compressor Technology	Smart inverter compressor
Auto	Ice Maker	Manual
LinearCooling™	Peak Freshness	LinearCooling™
Water	Dispenser	No
Spaceplus™ Ice System	Space saving	Moving ice tray
HygieneFresh+™	Filter	-
DoorCooling+™, Multi Air Flow™	Fast & Even Cooling	DoorCooling+™, Multi Air Flow™
LG ThinQ™	Smart Home Connectivity	Smart diagnosis
491 L	Capacity	547 L
700 x 1845 x 725	Dimension, mm (W x H x D)	780 x 1800 x 730
± 0.5 °C	Linear Cooling	± 0.5 °C
Matte black	Body Color	Matte black



# Pricing & CareShip

GN-F452PQAK

GN-C702HQCM





# Pricing & CareShip



GN-F452PQAK

Model code



GN-C702HQCM

5 Years (5+0)	Rental contract	5 Years (5+0)
80	Rental fee (RM)	80
Regular visit	CareShip type	Regular visit
24 months	CareShip frequency	24 months
1. Exterior /operation inspection 2. Machine room cleaning 3. Exterior /operation checking 4. Cleaning of water tank, ice maker, dispenser.	CareShip service	1. Exterior /operation inspection 2. Machine room cleaning 3. Exterior /operation checking



# Product comparison





GN-F452PQAK

GN-C702HQCM









# Product comparison- Sxmsxng

Model code	GN-F452PQAK	GN-C702HQCM	RT47CG6444B1ME	RT47CB664422ME
				
Price(RM)	(5-year contract:4,800) RM 80/mthz	(5-year contract:4,800) RM 80/mth	(Nett:2,999) From RM 74.97/mth* or RM 2,699.00	(Nett:3,099) From RM 86.08/mth* or RM 3,099.00
Capacity (Litres)	491 ✓	547 ✓	476	476
Dimension, mm (W x H x D)	700 x 1845 x725	730 x 1800 x 780	700 x 1825 x 717	700 x 1825 x 717
Smart home connectivity	LG ThinQ™ ✓	Smart diagnosis ✓	Not available	SmartThings
Water dispenser	Yes ✓	No	No	No
Compressor Technology	Smart inverter compressor ✓	Smart inverter compressor ✓	Digital inverter compressor	Digital inverter compressor
Key Features	LinearCooling™ HygieneFresh+™ DoorCooling+™ Multi Air Flow™ Spaceplus™ Ice System ✓	LinearCooling™ HygieneFresh+™ DoorCooling+™ Multi Air Flow™ Moving Ice Tray ✓	Optimal Fresh+ SpaceMax™ All-Around Cooling	Bespoke design SmartThings AI energy mode Optimal Fresh+
Colour	Matte black ✓	Matte black ✓	Black	Clean black
Compressor warranty	10-year	10-year	20-year	20-year
General warranty	5 years ✓	5 years ✓	1 year	2 years





Model code	GN-F452PQAK	GN-C702HQCM	HRF-458IHM	HRF-IV498H
				
Price(RM)	(5-year contract:4,800) RM 80/mthz	(5-year contract:4,800) RM 80/mth	(Nett:2,399) RM 1,799 or RM 299.83/mth	(Nett:2,329) RM 2,199
Capacity (Litres)	491 ✓	547 ✓	458	448
Dimension, mm (W x H x D)	700 x 1845 x725	730 x 1800 x 780	632 x 1840 x 746	700 x 1770 x 670
Smart home connectivity	LG ThinQ™ ✓	Smart diagnosis ✓	-	-
Water dispenser	Yes ✓	No	No	No
Compressor Technology	Smart inverter compressor ✓	Smart inverter compressor ✓	Twin inverter	Inverter
Key Features	LinearCooling™ HygieneFresh+™ DoorCooling+™ ✓ Multi Air Flow™ Spaceplus™ Ice System	LinearCooling™ HygieneFresh+™ DoorCooling+™ ✓ Multi Air Flow™ Moving Ice Tray	DEO Fresh Fast Cooling	No frost Solid metal finishing
Colour	Matte black ✓	Matte black ✓	Black silver	Silver
Compressor warranty	10-year	10-year	12-year	20-year
General warranty	5 years ✓	5 years ✓	2 years	2 years



Model code	GN-F452PQAK	GN-C702HQCM	GR-RT465WE-PMY(06)	GR-RT468WE-PMY(06)
				
Price(RM)	(5-year contract:4,800) RM 80/mthz	(5-year contract:4,800) RM 80/mth	(Nett:3,099) RM 2,099	(Nett:2,887) RM 1,887
Capacity (Litres)	491 ✓	547 ✓	400	400
Dimension, mm (W x H x D)	700 x 1845 x 725	730 x 1800 x 780	595 x 1724 x 695	700 x 1770 x 670
Smart home connectivity	LG ThinQ™	Smart diagnosis	-	-
Water dispenser	Yes ✓	No ✓	Yes	No
Compressor Technology	Smart inverter compressor ✓	Smart inverter compressor ✓	Twin inverter	Inverter compressor
Key Features	LinearCooling™ HygieneFresh+™ DoorCooling+™ Multi Air Flow™ Spaceplus™ Ice System ✓	LinearCooling™ HygieneFresh+™ DoorCooling+™ Multi Air Flow™ Moving Ice Tray ✓	AirFALL Cooling Pure Bio Easy-Tap Water Dispenser	AirFALL Cooling Pure Bio
Colour	Matte black ✓	Matte black ✓	Morandi grey	Morandi grey
Compressor warranty	10-year	10-year	12-year	12-year
General warranty	5 years ✓	5 years ✓	2 years	2 years



Model code	GN-F452PQAK	GN-C702HQCM	ETB3740K-H	GR-RT468WE-PMY(06)
				
Price(RM)	(5-year contract:4,800) RM 80/mthz	(5-year contract:4,800) RM 80/mth	(Nett:2,899) RM 2,199	(Nett:3,349) RM 2,609
Capacity (Litres)	491 ✓	547 ✓	341	431
Dimension, mm (W x H x D)	700 x 1845 x725	730 x 1800 x 780	598 x 1756 x 650	699 x 1725 x 723
Smart home connectivity	LG ThinQ™	Smart diagnosis	-	-
Water dispenser	Yes ✓	No ✓	Yes	No
Compressor Technology	Smart inverter compressor ✓	Smart inverter compressor ✓	Inverter compressor	Inverter compressor
Key Features	LinearCooling™ HygieneFresh+™ DoorCooling+™ Multi Air Flow™ Spaceplus™ Ice System ✓	LinearCooling™ HygieneFresh+™ DoorCooling+™ Multi Air Flow™ Moving Ice Tray ✓	Door Alarm	Door Alarm FlexStor TasteGuard
Colour	Matte black ✓	Matte black ✓	Glossy black steel	Arctic silver
Compressor warranty	10-year	10-year	10-year	10-year
General warranty	5 years ✓	5 years ✓	1 year	1 year



# Sales talk

GN-F452PQAK  
GN-C702HQCM



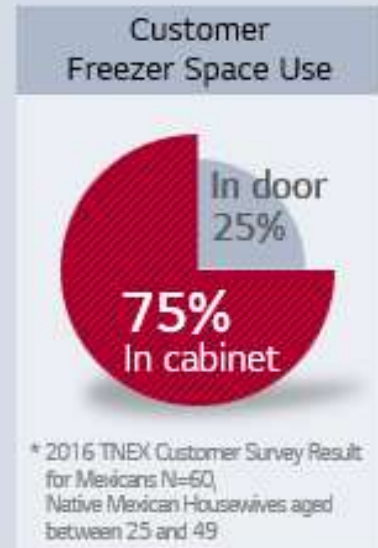


## Spaceplus™ Ice System

### ■ Consumer Needs\_1

#### More cabinet space

- About 80% customers prefer cabinet to door to store frozen foods – a report shows
- They feel cabinet is a colder place to store foods.



### ■ Consumer Needs\_2

#### More ice cubes for family

- An average family consumes 24 ice cubes a day and more on special occasions - Party a survey result.
- They feel daily ice making is a hassle and want enough ice for family members.

\* 2014 LSR Home Visit Result for Mexicans N=6, Native Mexican Housewives



- Spaceplus™ Ice System will give you more convenience when storing big food items in the freezer. You don't need to take out inner ice maker for big item storage.
- Spaceplus™ Ice System can produce maximum 42 ice cubes a day for 7 days from the fridge water tank(4L). It will spare you from daily chores of manual water filling and ice twisting for more ice cubes. Enjoy cool drinks with your family.



## Moving Ice Maker



- LG Top Freezer has a detachable & moving ice maker which you can easily take out and move this ice maker whenever you need more freezer space.

## Fresh 0 Zone



- Fresh 0 Zone provides the ideal climate to store fish and meat without having to freeze them.
- Front cover and direct air vent from back are able to make a lower temperature than the other fridge compartment.
- . Cook fresh fish & meat in a state of initial freshness with Fresh 0 Zone.



## LinearCooling™



- This advanced system ensures a uniform temperature throughout the refrigerator, keeping your food fresher for longer.
- Say goodbye to temperature fluctuations and hello to extended shelf life.

## DoorCooling+™



- This innovative feature ensures even cooling throughout your refrigerator, reaching items placed in the door bins.
- Enjoy quicker chilling, reduced temperature fluctuations, and prolonged freshness for your groceries.



## HygieneFresh<sup>+</sup>™



- This cutting-edge feature employs a multi-step filtration system to eliminate up to 99.999% of bacteria and odors, ensuring a fresh and clean interior.

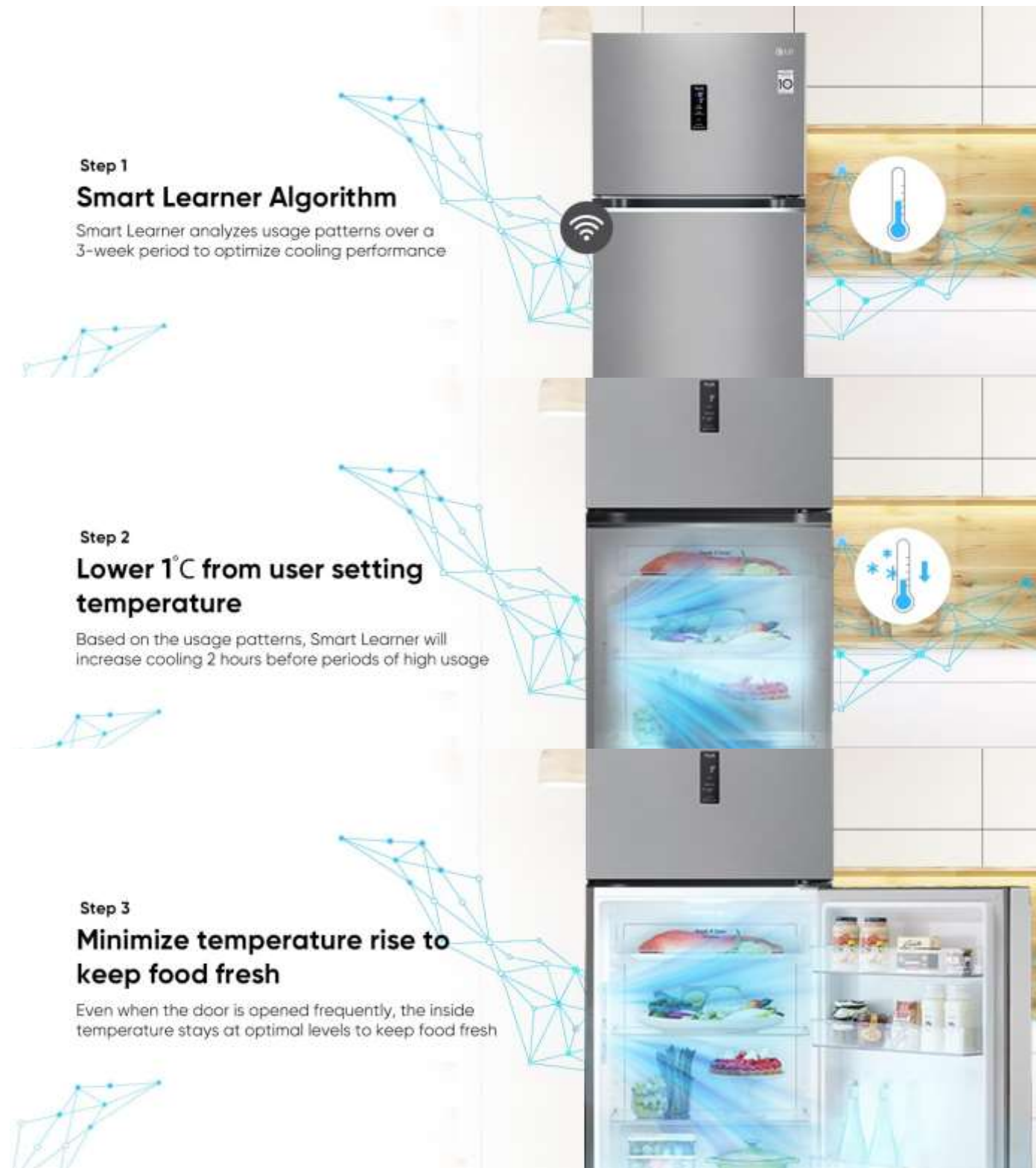
## Multi Air Flow™



- This innovative feature ensures uniform cooling throughout the refrigerator, preventing temperature variations and maintaining optimal conditions for your food.



## Smart learner & Door alarm



- This innovative feature adapts to your usage patterns, learning and optimizing the cooling settings for maximum efficiency.
- Enjoy personalized temperature control, reduced energy consumption, and a smarter, more intuitive refrigerator experience.
- The refrigerator's alarm sounds 3 times in 30 second intervals if the door is left open or not completely closed for 1 minute.



## LG ThinQ™ (Smart Diagnosis)



- The LG ThinQ application allows you to communicate with the appliance using a smartphone.
- If you experience a problem while using the appliance, this smart diagnosis feature will help you to diagnose the problem.



Anti-fingerprint



- The matte black finishing of LG refrigerator not only adds a touch of elegance to your space, but also keeps fingerprints away.

5 years General warranty &  
10-Year Compressor warranty



- Peace of mind comes standard with LG refrigerators, featuring a 5-year general warranty.
- Experience long-lasting reliability with LG refrigerators, bringing you a standout 10-year compressor warranty.





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