

## LG REFRIGERATION

# LFDS22520S

21.8 cu.ft. 3-Door French Door Refrigerator

### 21.8 cu.ft.

#### 4 Split Shelves in Refrigerator

#### 7 Total Door Bins

#### Smart Cooling® System

#### Multi-Air Flow™ Technology

#### 2-Tier Organization in Freezer

#### ENERGY STAR® Qualified

#### Inverter Linear Compressor with 10-Year Warranty

#### SmartDiagnosis™

#### Available in Stainless Steel



CAPACITY		
Refrigerator (cu.ft.)	14.5	
Freezer (cu.ft.)	7.3	
Total (cu.ft.)	21.8	
FEATURES		
Energy Consumption (kWh/Year)	587	
ENERGY STAR® Qualified	Yes	
WATER & ICE SYSTEM		
Water Dispenser	Yes	
Daily Ice Production (lbs)	2.8	
IcePlus™ Production (lbs)	3.1	
Ice Storage Capacity (lbs)	12.0	
Ice System	Factory Installed Ice Maker	
Dispenser Light	Yes	
Water Filter	LT700P	
COOLING		
Inverter Compressor	Yes	
Smart Cooling® System	Yes	
Multi-Air Flow	Yes	
Temperature Sensors	4	
CONVENIENCE		
Display Type	Membrane / White LED	
Temperature Controls	Electronic/Digital	
Door Alarm	Yes	
Child Lock	Yes	
ADA Compliant	Yes	
LoDecibel™ Quiet Operation	Yes	
REFRIGERATOR		
No. of Shelves	4 Split	
Cantilevered Shelves	Hybrid Cantilevered	
Shelf Construction	Spill Protector™ Tempered Glass	
Crisper Bins	2 Humidity Crispers	
Glide N' Serve® Drawer	Yes	
Refrigerator Light	Ceiling LED	
REFRIGERATOR DOOR		
No. of Bins	7 Total (5 Gallon Sized, 2 Half)	
Door Bin Construction	2 Pieces (Clear + Opaque)	
FREEZER		
Door Type		Pull Drawer
Drawers		2-Tier Organization
DuraBase™ Solid Drawer Base		Yes
Drawer Divider		Yes
Ice Bin / In-Door Ice		Icemaker & Ice bin in the freezer
Freezer Light		Ceiling LED
Freezer Handle		Vista
SMARTTHINQ®		
SmartDiagnosis™		Yes
MATERIALS AND FINISHES		
Contour Door		Yes
Hidden Hinges		Yes
Surface		Smooth
Handles		Matching Commercial Handles
All Available Colors		Stainless Steel
DIMENSIONS/CLEARANCES/WEIGHTS		
Depth with Handles		35 1/2"
Depth without Handles		33"
Depth without Door		29"
Depth (Total with Door Open)		44 3/4"
Height to Top of Case		67 1/4"
Height to Top of Door Hinge		68 1/2"
Width		29 3/4"
Width (Door Open 90° with Handle)		38 1/4"
Width (Door Open 90° without Handle)		33 1/4"
Door Edge Clearance with Handle		4 1/2"
Door Edge Clearance without Handle		2"
Installation Clearance		Sides 1/8", Top 1", Back 2"
Weight (Unit/Carton)		237 lbs. / 259 lbs.
Carton Dimensions (WxHxD)		31 1/2" x 69 3/8" x 37 3/4"
LIMITED WARRANTY		
Parts & Labor		1 Year
Sealed System		7 Years
Inverter Compressor		10 Years
UPC CODES		
LFDS22520S (Stainless Steel)		048231795098

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21.8 cu.ft. 3-Door French Door Refrigerator

IMPORTANT

## QUICK INSTALL & CLEARANCES

For full installation directions/clearances please refer to the corresponding User Manual and Installation Guide.

### DIMENSIONS/CLEARANCES/WEIGHTS

A Depth without Handles	33"
B Width	29 3/4"
C Height to Top of Case	67 1/4"
D Height to Top of Door Hinge	68 1/2"
E Back Clearance	2"
F Depth without Door	29"
G Depth (Total with Door Open)	44 3/4"
M Depth with Handles	35 1/2"
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### CHOOSING THE PROPER LOCATION

#### WATER

Select a place where a water supply can be easily connected for the automatic

#### NOTE

- The water pressure must be 20 – 120 psi or 138 – 827 kPa or 1.4 – 8.4 kgf/cm<sup>2</sup>. If the refrigerator is installed in an area with low water pressure (below 20 psi), you can install a booster pump to compensate for the low pressure.

#### ELECTRICITY

The refrigerator should always be plugged into its own individual properly grounded electrical outlet rated for 115 Volts, 60 Hz, AC only, and fused at 15 or 20 amperes. This provides the best performance and also prevents overloading house wiring circuits which could cause a fire hazard from overheated wires. It is recommended that a separate circuit serving only this appliance be provided.

#### WARNING

- To reduce the risk of electric shock, do not install the refrigerator in a wet or damp area.

#### FLOORING

To avoid noise and vibration, the unit must be leveled and installed on a solidly constructed floor. If required, adjust the leveling legs to compensate for the unevenness of the floor. The front should be slightly higher than the rear to aid in door closing. Leveling legs can be turned easily by tipping the cabinet slightly. Turn the leveling legs to the left to raise the unit or to the right to lower it.

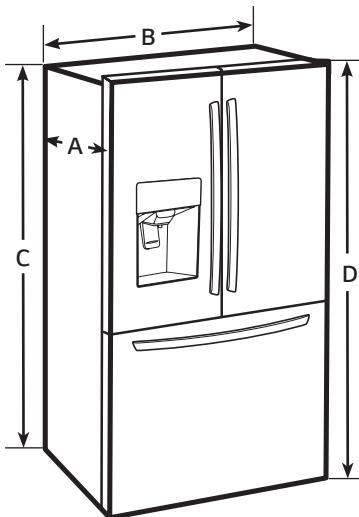
#### NOTE

- Installing on carpeting, soft tile surfaces, a platform or weakly supported structure is not recommended.

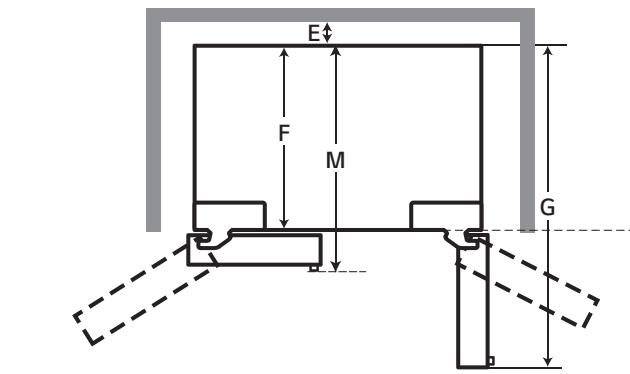
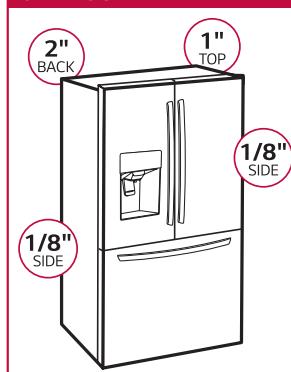
#### AMBIENT TEMPERATURE

Install this appliance in an area where the temperature is between 55°F (13°C) and 110°F (43°C). If the temperature around the appliance is too low or high, cooling ability may be adversely affected.

### PRODUCT DIMENSIONS



### CLEARANCES

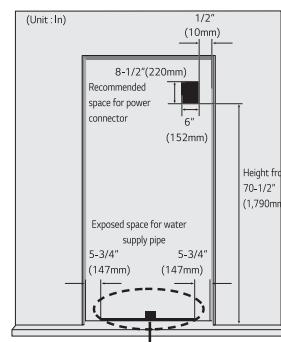


### CONNECTING POWER AND SECURING SPACE FOR WATER SUPPLY PIPE

**!** Make sure the location of the water supply pipe is within the marked range.

**!** Before connecting the power, always make sure to ground the product. (If the product is not grounded, the user may be able to feel the electricity due to the minute leakage current when touching the refrigerator door handle or side corner even when there is no issue with the product.)

**!** Do not ground the product to gas pipe, plastic water pipe or telephone wire etc. It can cause electric shock and explosion.



### Installation space for water supply pipe

Place the water hose for ice maker and water dispenser as shown in the picture, and prepare hose to come up from the floor. (Copper pipe with diameter of 5/16"(8mm) is recommended for the water hose.) If the water pipe and water hose is located far from the product, bury the water hose on the floor and provide appropriate treatment.

### Power connection

The location of the 115V 60Hz power connector must be located on the rear side of the product as shown in the picture.

When installing the product, make sure to check whether the cord is hung on the hook on the rear side so that it is not pressed on the refrigerator. Damaged power cord can cause a fire.

