



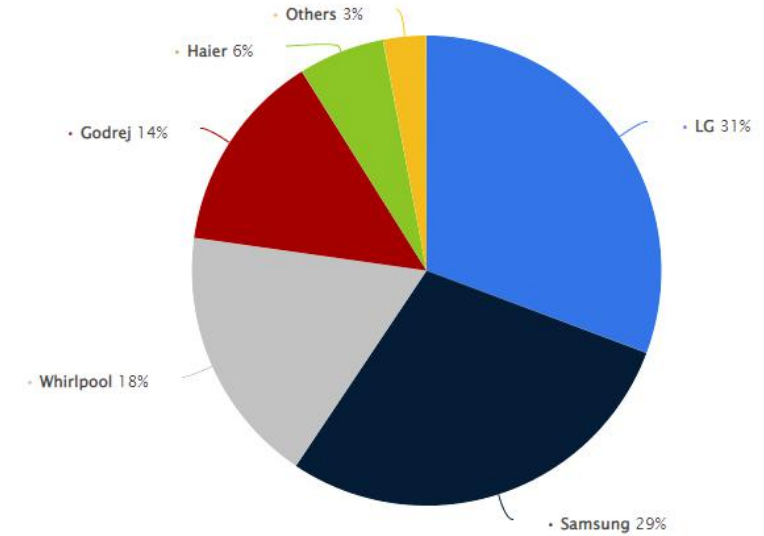
BEST SINGLE DOOR REFRIGERATOR UNDER 15,000

Read detailed article on TrekBook India website by [Clicking here](#)

Important factors

1) Capacity of Fridge (190-200L) / Single Door

Users	Suggested Capacity in Liters
1 Person	50-80 L
Family of 3	150-250 L
Family of 5	250-330 L
Family of 6 or more	350-490 L



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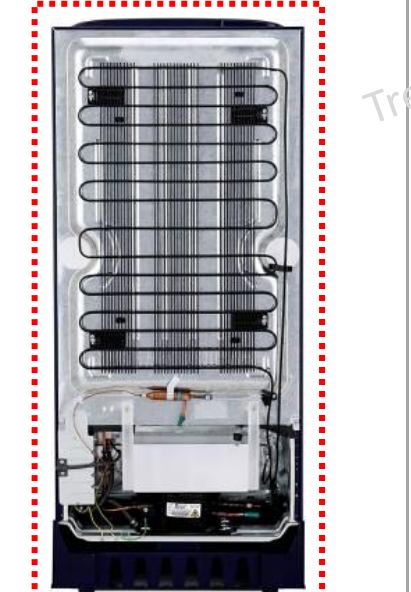


2) Which is Best Brand as per Market Share 2021 (Statista) LG 31% Samsung 29% Whirlpool 18% Godrej 14% Haier 6%

3) Fitment and Function - Refrigerator dimensions and Safe Clean back

4) Technology

4.1) What is Anti-fungal Gasket in a Refrigerator?

4.2) What is Solar Compatible Refrigerator?

Samsung 192L	Godrej 190 L	Whirlpool 190L	LG 190L	Samsung 198L	Whirlpool 200L
66.5 x 53.6 x 122 cm (30 kg)	57.6 x 62.3 x 118.4 cm (34.9 kg)	61.5 x 53.5 x 130 cm (36.4 kg)	63.3 x 53.4 x 132.6 cm (33 kg)	66.4 x 56.8 x 121.6 cm (36.3 kg)	65.5 x 53.5 x 136 cm (39.4 kg)
					
					

Samsung 192L



Whirlpool 190L



Samsung 198L



Godrej 190 L







LG 190L



Whirlpool 200L



TrekBook India	Samsung 192L	Godrej 190 L	Whirlpool 190L	LG 190L	Samsung 198L	Whirlpool 200L
Energy Rating	2 STAR	3 Star	4 Star	4 Star	4 Star	3 Star
Price (Indicative)	13K	14K	16K, 3star-15K	16K, 3star-15K	16K, 3star-15K	17K
Capacity / Net Capacity	192L (183L)	190L (180L)	190L (174L)	190L (180L)	198L (188L)	200L (182L)
Fridge / Freezer	167L / 25L	162.8L / 27.2L	159L / 14L	168L / 22L	174L / 24L	167L / 14L
Consumption Unit/Year	203## +365₹	164## +170₹	132	131	131	170## +200₹
Inverter compressor	Yes	Yes	IntelliSense C	Smart Inverter C	Digital Inverter C	IntelliSense C
Glass Shelves	Toughened 175kg	Toughened 150kg	Toughened	Toughened 175kg	Toughened 175kg	Toughened
Defrost	Manual	Manual	Manual	Manual	E-Defrost	Auto-Defrost
Gasket	Anti-bacterial	Anti-bacterial	Anti-bacterial	Anti-bacterial	Anti-bacterial	Anti-bacterial
Inverter/Solar compatible	Yes (130V - 300V)	Yes (140V)	Yes (130V - 300V)	Yes (90V - 310V)	Yes	Yes
Safe Clean Back	Yes	No 	No 	No	Yes 	No
Product/Compressor Warranty	1 Year / 10 Years	1 Year / 10 Years	1 Year / 10 Years	1 Year / 10 Years	1 Year / 10 Years	1 Year / 10 Years
Speciality 	Power Cool		9 Hour retention	108 min Icing	Digital Display	
		Anti-drip Chiller	Quick chill zone	Anti-Rat Bite	Touch control	Touch control
			Honeycomb lock	Moist 'N' Fresh	Eco mode	Honeycomb lock
		Base Stand	Base Stand	Base Stand	Power Cool	Microblock
Dimns, cm & Weight, Kg	66.5 x 53.6 x 122 cm (30 kg)	57.6 x 62.3 x 118.4 cm (34.9 kg)	61.5 x 53.5 x 130 cm (36.4 kg)	63.3 x 53.4 x 132.6 cm (33 kg)	66.4 x 56.8 x 121.6 cm (36.3 kg)	65.5 x 53.5 x 136 cm (39.4 kg)

MSEDCL's per unit rate is Rs 4.67 for those consuming electricity between 0-100 units

Note: All prices are as on 22 Feb 2022

What is Anti-fungal Gasket in a Refrigerator?



Normal Door Gasket



Anti-fungal Door Gasket

How this gasket is Anti-Fungal?

- Normal door gasket which are permanently fixed, hence, with the passage of time the gasket becomes dirty, full of bacteria and Micro organisms.
- Samsung refrigerator have removable door gasket. So you can easily remove & clean the door gasket with running water thereby making the gasket free of micro-organisms such as Virus , Bacteria etc.

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What is Solar Compatible Refrigerator?

How it works?

- Solar Panel generate DC voltage which intermittent in nature due to solar radiation.
- This intermittent DC voltage is converted to a fixed DC voltage with the help of Solar Charge controller.
- Running refrigerator is not possible with this DC voltage directly.
- To run refrigerator, DC to AC converter is required. Like Inverter, CPU or UPS (please make sure the voltage range is between 100V-290V).
- Generally battery (storage system) is used along with this DC to AC converter.
- Battery system help in managing sudden high power requirement by load.
- Solar panel rating requirement will be different for different refrigerator models, if try to run without battery system.
- To run an appliance through solar panel, Rating should be higher than the rated run on solar.
- Battery capacity is as per the backup requirement for the load connected.



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