

Cover 4

E-Waste Management

At Empire Home Communications, we understand that our responsibility does not end at selling you our products. Empire Home has been working in the area of safe disposal of electronic waste. Since washing machine and refrigerator are made of hazardous constituents. Under our company policy as well as the legislation passed by the Ministry of Environment, Forest and Climate change (MoEF&CC), called E-Waste Management Rule 2016, which come into effect from 1st Oct 2016.



- Empire Home will seek shared responsibility and co-operation from customers in reducing the environmental impact of their products.
 - Empire Home will comply with all the applicable laws related to e-waste management.
- As part of our e-waste recycling initiative, Empire Home has partnered with Shukla E-Waste Processor, India's leading E-waste management and Disposal Company to comply with E-waste Management and Handling Rules in providing environmentally sound management of end of life electronics.

Shukla E-Waste Processor - As part of our partnership with Shukla E-Waste Processor, the company will provide e-waste drop off centers and ensure environmentally sound management of electronics that have their end of life phase. Shukla E-Waste Processor has obtained all the necessary authorizations from the appropriate government agencies for their processing facilities. Shukla E-Waste Processor ensures proper recycling and disposal of e-waste. This helps us to protect the environment from any hazardous consequences, which would be otherwise caused by the inappropriate management of e-waste.

In case of any queries regarding the proper disposal and/or recycling of electronics, consumers can contact the helpdesk at:

Toll Free Number -8882650660

Email-info@gem.net.in



WIDEST RANGE OF PRODUCTS



Marketed by
EMPIRE HOME APPLIANCES LTD.
1/7, West Patel Nagar, New Delhi - 110008, INDIA
Tel: 91-11-25885791, 25885792



PART CODE : 11000589

Cover 1



Dumdar Cooling, Dumdar Style !

Introducing the new range of Direct Cool Refrigerators from GEM.



OPERATING MANUAL

DIRECT COOL REFRIGERATOR



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WARRANTY POLICIES : Empire Home Appliances Pvt. Ltd., Which owns the brand GEM (hereby referred to as Company) guarantees the purchaser (hereby referred to as Customer) that the refrigerator purchased carries a warranty of 1+4 years from the date of purchase mentioned in tax invoice.

Terms and conditions of the Warranty are mentioned below:

1. Warranty is applicable on GEM brand Refrigerator.
2. Warranty is confined to the first purchaser of the product and is non-transferable.
3. Warranty will be valid only when the warranty card and the original invoice or sales receipt (indicating the date of purchase, model no. and dealer's name) is presented/ Posted to the head office.
4. Empire Home Appliances Pvt. Ltd offer 1+4 year of warranty on 50,100 &150L. One year of comprehensive warranty and additional 4 years warranty on compressor only and gas charging, OLP, relay & drier on chargeable basis.
- 5-Empire Homes Appliances Pvt. Ltd offer 1+9 year of warranty on 170,180,190,195 & 215L. One year of comprehensive warranty and additional 9 years warranty on compressor only and gas charging, OLP, relay & drier on chargeable basis.
6. Service during labour free warranty period will be provided only when the customer agrees to pay the Spare parts amount if any which needs to be replaced.
7. Company offers warranty if the products breaks down or experiences some functional failure. The customer is required to register a complaint and based on the complaint, the Company's authorized technician shall visit the customer's site. In some scenario where the service is not possible at customer's site then the product needs to be brought to the service center for service and shall be returned within a reasonable period of time. No standby will be provided during this period.
8. In the event of repair or replacement of any part of the product, this warranty will continue and remain for the unexpired period of warranty. The time taken for repairing and service will not be excluded from the warranty period.
9. In case of replacement of unit under extreme conditions, the same model of unit shall be replaced. In case the model discontinued then the unit would be replaced with the unit that company feels equivalent. The warranty on the replaced unit shall be for the unexpired period only.
10. In case of product damage/ customer abuse/ repair by unauthorized personals/ misuse detected, the warranty shall be considered null and void.
11. The company's obligation under this warranty shall be limited to repair or replacement of parts only. This warranty shall not cover any consequential or resulting liability, damage or loss to property or life arising directly or indirectly out of any defect in the product.
12. The warranty does not cover any accessories external to the product.
13. This warranty is issued at Delhi, and courts at Delhi shall have exclusive jurisdiction over matters following from this warranty. In case of any dispute, arising out the same shall be settled by an Arbitrator, in accordance with the provision of Arbitration and condition Act. 1996.

This warranty is not applicable in any of the following conditions:

1. The warranty card is not completed properly at the time of purchase.
2. The completed warranty card is not presented to authorized service personnel at the time of service of the product.
3. The product is not operated according to the instructions given in the operating instruction booklet.
4. Defects are caused by improper reckless use, which shall be determined by the company personnel
5. Any repair work is carried by the persons other the authorized service personnel.
6. This warranty does not cover the risk to the product caused by accident lightening, water, fire, other acts of God, improper ventilation, dropping or excessive shocks or any external cause beyond control.
7. The warranty is not valid in case the serial no. is deleted, defected, or altered.
8. Any defects damage, malfunction or failure resulting the alteration, accident, misuse, abuse, fire liquid spillage, mis- adjustment of customer's control, used on an incorrect voltage, power surges and dips, thunderstorm activity, voltage supply problems.
9. Damage to the product or any part due to transportation or shifting is not covered by warranty.
10. This warranty will automatically terminate on the expiry of the warranty period as specified above even if GEM Product may not be in use for any time during warranty period.

**SPECIFICATION
DIRECT COOL**

Model No.	DC50	DC100	DC150	DC170	DC180	DC185	DC190	DC190(G)	DC200	DC195	DC215	DC215(G)
Width (mm)	455	455	540	540	500	540	540	550	540	540	540	550
Depth (mm)	480	510	580	580	610	670	678	620	590	660	660	620
Height (mm)	510	825	970	1050	1170	1065	1100	1110	1160	1165	1235	1280
Power Supply	220~240V, AC50Hz											
Gross Volume (L)	49	91	148.1	168	178	178	186	186	198	193.1	211.6	211.6
Freezer Volume (L)	0	0	22	26	23	25	25	25	25	24.8	24.5	24.5
Refrigerator Volume (L)	49	91	126.1	142	155	153	161	161	173	168.3	178.1	187.1
Net Weight (kg)	14	18	27	28	27	32	32	36	29.25	32	34.25	38

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Note : **Due to continues R&D/Model Upgradation the above specification may change without any prior notice.

Note : **Height of Refrigerator increase by 45mm when we do with big leg

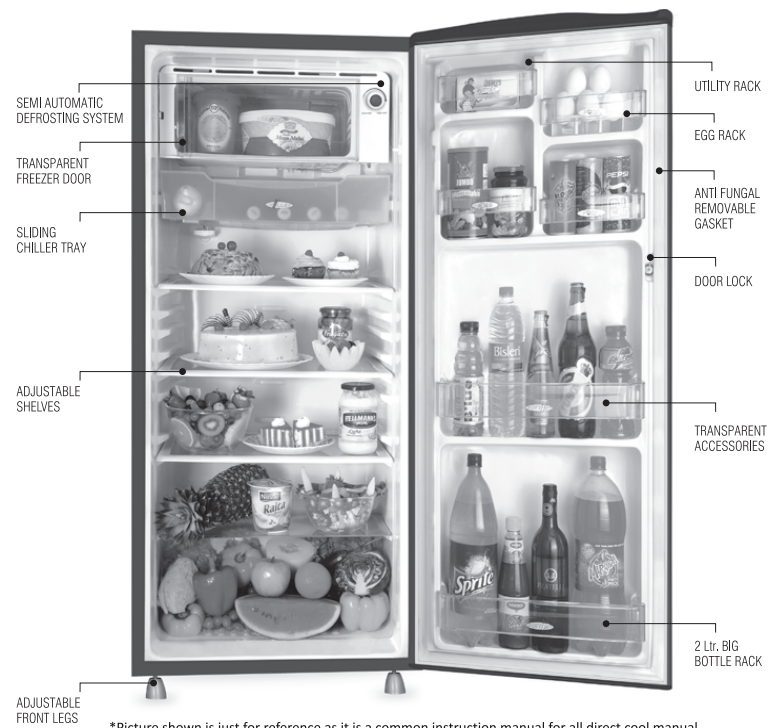
Welcome to the GEM Family

Dear Customer,

Congratulations! for owning a GEM energy efficient Direct Cool Refrigerator. We Would like to welcome you to the family of GEM, which has vast range of world class products namely Refrigerator, Washing Machine, Air Conditioner, Water Heater to complete need of the household. These are best designed products for optimum performance in Indian condition. To know your product, please go through this easy to use instruction manual and case you have queries, please contact us.

GEM Care

Features Chart

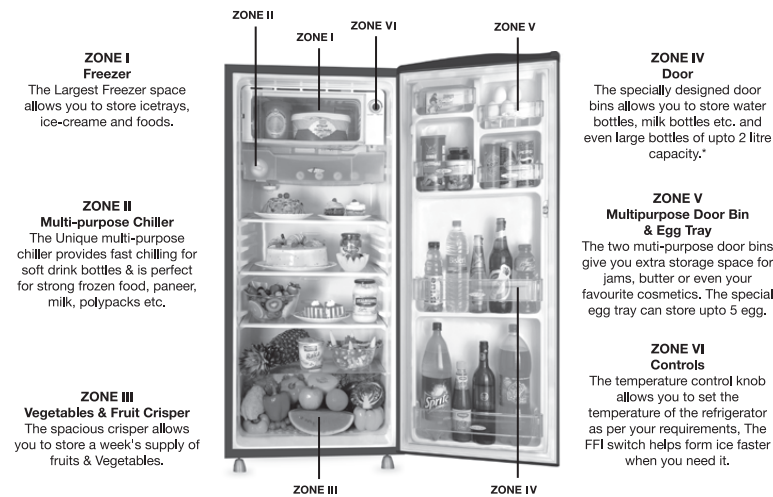


*Picture shown is just for reference as it is a common instruction manual for all direct cool manual.

1

Getting to know Refrigerator

Your new refrigerator has been designed to give you and your family the boundless joy of ice throughout the hottest of summers! The Refrigerator comes with many thoughtfully designed features to surprise and delight you.



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Freezer

Tips : Wrap frozen food/ice-cream, in layers of paper when you place it in freezer.

Caution : Do not chill liquids and carbonated drinks in glass containers in the freezer compartment they will freeze and burst.

Vegetables & Fruits Crisper

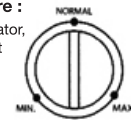
Tips : Wash all vegetables and trim off stems or tops. Place green, leafy vegetables, with the water that clings to them, in the crisper.



*Picture shown is just for reference as it is a common instruction manual for all direct cool manual.

To ensure you to get best out of your Refrigerator...Control the temperature :

The thermostat is specially designed to give the best temperature condition in the refrigerator, this gives the most optimum temperature within the refrigerator compartment. We suggest you to keep the thermostat settings in between MIN. & MAX. at all times to get the best cooling irrespective of the variations in the ambient temperature.



Dial "MIN." or "MAX"

To get the temperature that you desire you can turn the knob to MIN. & MAX. For any item required to be kept in very cold temperature all you have to do is set the Temperature to "MAX." For small quality of food storage and during winter/rainy season keep the knob at the "MIN." position. To save energy consumption, do temperature at a lower level than necessary.

Maintain your Refrigerator like your home

Keeping your Refrigerator clean can also enhance in life of your Refrigerator. Follow these golden rule to clean your refrigerator regularly.



Safety Precautions

Your safety & safety of others is very important.

We have provided many important safety message in this manual and on your appliance. Always read and obey all safety messages.



This is the safety symbol. This symbol alert you to hazards can kill or hurt you and others. All safety messages will be preceded by the safety alert symbol and the word "WARNING".



WARNING

Not following these instructions can result in serious injury to you and can even result in death in some cases. All safety messages will identify the hazard, tell you how to avoid the chance of injury, and tell you what can happen if the instructions are not allowed.

Do's & Dont's



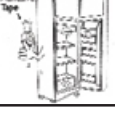

- ☒ Ensure the electrical point is properly earthed. Avoid extension cord* for complete safety.
- ☒ Leave the door open for a few hours, using a soft cloth and mild solution of liquid detergent, clean the interior and exterior of the refrigerator.
- ☒ Check mains voltage before inserting the power supply plug into socket.
- ☒ Fix the refrigerator plug into a 3-pin electric socket and switch ON.
- ☒ The interior light will come ON whenever the refrigerator is opened.
- ☒ While the refrigerator is switched ON, you may hear clicking, gas flow on compressor humming noise. This is normal and not a cause for concern.

CAUTION:

- ☒ Do not keep hot (more than 60°C) or heavy (more than 10kgs) objects on top of the refrigerator.
- ☒ Do not keep lit candles on top of the refrigerator as this can cause fire.
- ☒ Do not chill liquids and carbonated drinks in glass containers in the freezer compartment they will freeze and burst.
- ☒ Do not keep glass bottles in the chiller too long they will get frozen and burst.
- ☒ Do not cut / remove the round earted pin from the socket*. If using a seperately fused circuit, ensure that the fuse is rated as 5 Amps*
- ☒ Take Precaution against leakage of any gas equipment near this unit.
- ☒ Do not spill any liquid on the unit.
- ☒ Don't work with flammable spray, such as painting, near this unit.
- ☒ Don't put ignitable materials such as benzine, L.P.G., Alcohol etc into this unit.
- ☒ Do not use sharp tool to remove ice tray, otherwise you may puncture the evaporator resuting gas leakages thus non performance or refrigerator.

*The manufacturer declines all liabilities for injury to persons and animals or damage to property resulting from failure to observethese fregulator.

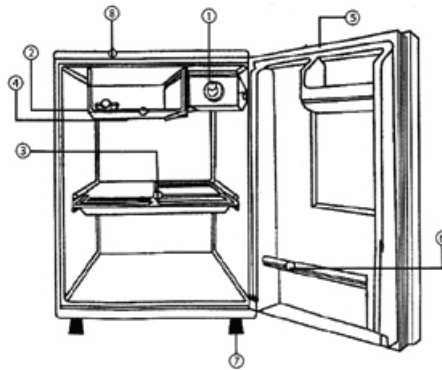
Moving or Relocating your GEM Refrigerator

* Unplug the power cord.	
* Remove food from refrigerator compartment.	
* Fasten the interior components with tape.	
* When moving, have two people carry the refrigerator for safety. Do not move horizontally.	 <p>Fasten the doors with tape while moving to prevent them from opening.</p>

Features Chart

PARTS NAME

1. Control Box
2. Ice Tray
3. Defrost Tray
4. Freezer
5. Magnetic Door Gasket
6. Bottle Supporter
7. Adjustable Legs
8. Top



*Picture shown is just for reference as it is a common instruction manual for all direct cool manual.

Get, set and go.....

Your refrigerator out of the pack. Gently clean the inside of the refrigerator for any dust collected during transportation.

Connect the power cord and close your Refrigerator door and let it remain to be at work for four to five hours. Check the freezer temperature by touching its surface, Now your Refrigerator is all set for use.

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Getting to know your Refrigerator

Multi-purpose Chiller : The chiller is fully insulated to ensure fast & effective cooling while preventing from dripping inside the refrigerator cabinet.

Tips : Wrap fresh meat and poultry in the polythene. Wrap fish in polythene or aluminium foil to prevent the odour from getting into other foods.

Caution : Do not keep bottles in the chiller for too long, it will freeze and burst.



Multi-purpose Door Bins

The egg tray can be removed if you want to keep something else in the bin.





Tips : Always store milk products like butter and cheese in their original packing.

Main Cabinet

Tips : Store moist food (not protected by skin) covered in the polythene, aluminium foil or in a closed container keep big plates & bowls on the bottom shelf.

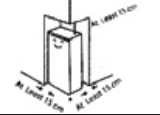
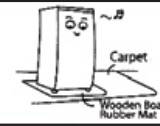
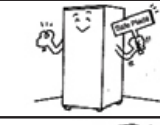


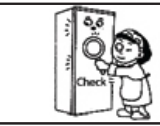


An advanced and super strong compressor makes ice super quick and ensure perfect cooling for all types of food.

Easy steps to installing your new GEM Refrigerator

	*Place the refrigerator on hand and level floor.
	*Place your refrigerator where there is no heat source nearby. High temperature surrounding will lower cooling efficiency and increase your electricity bill.
	*Place the refrigerator in an area with low moisture. Splashing water or a high moisture area may cause a short circuit and invite rusting.
	*Avoid places that are exposed to smoke. The exterior paint may decolour.

3

Easy steps to installing your new GEM Refrigerator

	*For good ventilation, place refrigerator with the space of 6 inches (15cms.). This helps cooling efficiency and lower the electricity bill.
	*Placing the refrigerator on the carpet may develop heat and decolour the appliance. In such a case put a hard wooden board or a rubber matt between the refrigerator and the carpet.
	*Select a safe place to install your refrigerator.
	*Level the refrigerator by using the adjustment foot.
	*Install the parts to their own places.
	*Check the door should be closed properly.
	*Before plugging the power cord check the voltage (160 V to 260V)
	After running the refrigerator for 2-3 hours, put food in the refrigerator.

Defrosting The Refrigerator

It is natural for moisture in the air to condense on the cold surface. This lead to a regular build up of frost on the surface of the freezer.

Deforest regularly to avoid heavy frost building on the evaporator which result in reduced cooling efficiency. Push the defrost knob after every 3 days/Ice Level reaches defrost indicator.

Cleaning The Refrigerator

Remove all food and special compartments from the freezer and refrigerator section

Exterior : Wash with warm,soapy water, rinse and dry. Use appliance polish or wax periodically to keep the exterior looking like new.

Door Gasket : Clean at least twice a year with mild soap and water, rinse and dry. Apply a light film of petroleum jelly to the gasket to keep them soft and pliable.

Interior : Wash the liner with warm, soapy water, rinse and dry.








To avoid the risk of electrical shock, unplug the power cord before replacing a burned out light bulb or cleaning.

Note : Interior and Exterior

1. Do not use abrasive, heavy-duty powders, etc. These can scratch and dull the surface, depending on their abrasive strength and cleaning pressure applied. Avoid metal pads and abrasive impregnated plastic, nylon and cloth pads, etc.
2. Do not use concentrated liquid dishwashing detergent (dissolve in warm water before using), abrasive cleaners, solvents or polishing agents on plastic parts. These cleaners may cause cracking or discoloring.

Cleaning the Refrigerator

	* When cleaning your refrigerator, unplug the power cord and use a soft cloth and dishwashing liquid to clean.
	* The refrigerator can smell in its initial operation, but the adour will go away when the refrigerator is cooled sufficiently.
	* Use a soft cloth for cleaning the interior and exterior of the refrigerator.
	* Do not splash water directly in the refrigerator itself.
	* Put the parts back to their original position.