

Operations

03 Fridge / Power Cool

Fridge	To adjust the fridge temperature, press Fridge to select the corresponding temperature. You can change the temperature between 1 °C and 7 °C (default: 3 °C). With the temperature set to 1 °C, press Fridge to turn the vacation indicator on. The temperature bar turns off. Press again to deactivate Vacation mode. The temperature bar displays 7 °C.
	⚠ CAUTION • In winter, do not set the temperature control to 1 °C. This may cause problems with the cooling performance. • In summer, do not set the temperature control to 5-7 °C. This may also cause problems with the cooling performance.

Power Cool	Power Cool speeds up the cooling process at maximum fan speed. The fridge keeps running at full speed for several hours and then returns to the previous temperature. • To activate Power Cool, press and hold Fridge for 3 seconds. The corresponding indicator (🔥) lights up, and the refrigerator will speed up the cooling process for you. • To deactivate Power Cool, press and hold Fridge again for 3 seconds. The fridge returns to the previous temperature setting.
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📌 NOTE

Using Power Cool increases power consumption. Make sure you turn it off and return to the previous temperature if you don't intend to use it.

Vacation	If you are going on vacation or a business trip, or if you do not intend to use the fridge for an extended time, use the Vacation mode. • To activate Vacation mode, press Fridge with the 1 °C indicator selected. The vacation indicator (🌴) turns on while the display of the fridge temperatures will turn off. The fridge temperature will be controlled under 17 °C, but the freezer remains active as previously set. • To deactivate Vacation mode, press Fridge again. The fridge temperature will restore the default 7 °C.
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📌 NOTE

It is strongly recommended to empty the fridge compartment and make sure the door is closed.

04 AI Energy Mode (applicable models only)

- The 🌱 icon appears when the AI Energy Mode is operating. You may turn on or off the AI Energy Mode in the SmartThings app. (applicable models only)

05 Network connection (applicable models only)
You can control and monitor your refrigerator on the SmartThings app. For more information, see the **SmartThings (applicable models only)** section.

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📌 NOTE

If the refrigerator is not connected to the SmartThings app, the Wi-Fi (🌐) icon blinks to alert you when opening the door. If you see the blinking Wi-Fi (🌐) icon, we recommend that you connect your refrigerator to the SmartThings app.

Turning the Wi-Fi on or off (applicable models only)

To turn the Wi-Fi on or off, press and hold **Fridge** for 10 seconds. The Wi-Fi (🌐) icon shows the status of the Wi-Fi as shown below.

- Wi-Fi Off: The Wi-Fi (🌐) icon blinks for 5 seconds and then turns off.
- Wi-Fi On: The Wi-Fi (🌐) icon blinks for 5 seconds and then turns on for 5 seconds.

📌 NOTE

- You must turn on the Wi-Fi to connect the refrigerator to the SmartThings app.
- For more information, see the **SmartThings (applicable models only)** section.

SmartThings (applicable models only)

Installation

Visit the Google Play Store, Galaxy Apps, or Apple App Store and search for "SmartThings". Download and install the SmartThings app provided by Samsung Electronics to your smart device.

📌 NOTE

- The supporting software version of the SmartThings app is subject to change according to the OS supporting policy the manufacturer provides. In addition, as for the SmartThings app or the functions that the app supports, the new application update policy on the existing OS version can be suspended due to usability or security reasons.
- The SmartThings app is subject to change without notice to improve usability or performance. As the mobile phone OS version is updated every year, the SmartThings is also updated continually according to the latest OS. If you have enquiries regarding the items mentioned above, please contact us at st.service@samsung.com
- Recommended encryption systems include WPA/TKIP and WPA2/AES. Any newer or non-standard Wi-Fi authentication protocols are not supported.
- Wireless networks may be affected by the surrounding wireless communication environment.
- If your Internet service provider has registered the MAC address of your PC or modem for identification, your Samsung Smart Refrigerator may fail to connect to the Internet.
- The firewall settings of your network system may prevent your Samsung Smart Refrigerator from accessing the Internet. Contact your Internet service provider for technical assistance. If this symptom continues, contact a local Samsung service centre or retailer.

Operations

- To configure the wireless access point (AP) settings, see the user manual of the AP Router.
- Samsung Smart Refrigerators support both Wi-Fi 2.4 GHz with IEEE 802.11 b/g/n and Soft-AP protocols. (IEEE 802.11 n is recommended.)
- Unauthorized Wi-Fi wireless routers may fail to connect to applicable Samsung Smart Refrigerators.

Samsung account

You are required to register your Samsung account to use the app. If you don't have a Samsung account, follow the app's on-screen instructions to create a free Samsung account.

Getting started

Turn on the device you want to connect, open the SmartThings app on your phone, and then follow the instructions below. If a pop-up appears saying that a new device has been found, tap **ADD NOW**. If a pop-up doesn't appear, tap the + button, and then select the device you want to connect from the list of available devices.

If your device isn't in the list of available devices, tap **Supported Devices**, select the device type (Refrigerator), and then select the specific device model.

Follow the instructions in the app to set up your device. Once setup is complete, your refrigerator will appear as a "card" on your **Devices** screen.

Refrigerator app

Integrated control

You can monitor and control your refrigerator at home and on the go.

- Tap the refrigerator icon on the SmartThings Dashboard or tap the Devices icon at the bottom of the Dashboard, and then tap the refrigerator "card" to open the Refrigerator page.
- Check the operation status or notifications related to your refrigerator, and then change options or settings if necessary.

📌 NOTE

Some options or settings of the refrigerator may not be available for remote control.

Category	Item	Description
Monitoring	Fridge temperature	Displays the current temperature setting of the fridge.
	Energy monitoring	Checks the accumulated power consumption of the refrigerator for the last 180 days.
	Power Cool	You can turn Power Cool on or off, and check the current settings.
Functions		You can turn on or off the Power Freeze in the SmartThings app. Power Freeze speeds up the freezing process at maximum fan speed. The freezer keeps running at full speed for 50 hours and then returns to the previous temperature. To freeze large amounts of food, activate Power Freeze for at least 20 hours before putting food in the freezer.
	Power Freeze (applicable models only)	• When you turn on Power Freezer, the refrigerator will speed up the freezing process for you.

Operations

Category	Item	Description
Functions	Power Freeze (applicable models only)	• When the Power Freeze process is complete, the freezer returns to the previous temperature setting. • When you turn off Power Freeze, the freezer returns to the previous temperature setting. 📌 NOTE Using Power Freeze increases energy consumption. Make sure you turn it off and return to the previous temperature if you do not intend to use it.
Alarms	Door opening	This alarm is triggered if the fridge or freezer door is open for more than 2 minutes. Depending on the model, the door opening alarm may not apply to the freezer door.
AI Energy Mode (applicable models only)		You can turn on or off the AI Energy Mode under the Energy menu in the SmartThings app. You can check the status of the AI Energy Mode on the SmartThings app. On some models, the 🌱 icon appears on the main panel to indicate that AI Energy Mode is operating.

	(applicable models only) Turning on the AI Energy Mode decreases energy consumption, but it may also reduce the cooling performance.
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Special features

The actual image and special functions of your refrigerator may differ, depending on the model and the country.

Ice making (applicable models only)

Twist ice maker (applicable models only)

1. Open the freezer door, and slide open the ice tray.
2. Fill the tray with water up to the **maximum level (A)** marked on the inner rear of the tray.
3. Slide the tray back into position.

📌 NOTE

The ice making time depends on your temperature settings.

📌 NOTE

- Make sure the ice cube storage bin is in place under the ice tray.
- To dispense the ice cubes, turn the ice tray handle to the right to empty the ice cubes into the bin.
- To take out the bin, pull it forward.
- Put the twist ice maker on the freezer shelf if it does not fit under the shelf.

Maintenance

Handle and care

Shelves (fridge/freezer)

To remove the shelf, hold it with both hands and lift it to release it from the rear hook. Then, tilt it on one side and pull it out. While gently pressing on the side of the door bin, lift it upwards to remove.

Before you insert the shelf, check the shape of the back of the shelf. Then, insert the shelf in the reverse order of removal.

⚠ CAUTION

- The shelf must be inserted correctly. Do not insert it upside down or back to front.
- Shelves are heavy, therefore be careful when you handle them.

Vegetable drawer

Gently lift up the front of the drawer and slide out.

Vegetable shelf

Hold the vegetable shelf with both hands and lift it to release it from the rear hook. Then, tilt it on one side and pull it out. While gently pressing on the side of the door bin, lift it upwards to remove.



Cleaning

⚠ WARNING

- Do not use benzene, thinner, or home/car detergent such as Clorox™ for cleaning purposes. They may damage the surface of the refrigerator and cause a fire.
 - Do not spray water onto the refrigerator. This may cause electric shock.
- Regularly use a dry cloth to remove all foreign substances such as dust or water from the power plug terminals and contact points.
1. Unplug the power cord of the refrigerator.
 2. Use a moistened soft lint-free cloth or paper towel to clean the refrigerator's interior and exterior.
 3. When done, use a dry cloth or paper towel to dry well.
 4. Plug in the power cord of the refrigerator to turn the refrigerator on.

Maintenance

📌 NOTE

If you have removed any removable parts such as shelves for cleaning, refer to the overall layout in the **Refrigerator at a glance** section to make sure you have reinserted correctly.

Replacement

LED lamps

To replace the lamps of the refrigerator, contact a local Samsung service center.

⚠ WARNING

The lamps are not user-serviceable. Do not attempt to replace a lamp yourself. This can cause electric shock.

Troubleshooting

Before calling for service, review the checkpoints below. Any service calls regarding normal situations (No Defect Cases) will be charged to users.

General

Temperature

Symptom	Possible causes	Solution
Fridge/freezer is over-cooling.	• Temperature control is not set correctly.	• Set the temperature higher.
	• Refrigerator has heat-proof piping in the interior wall.	• To prevent condensation from forming, the refrigerator has heat-proof piping in the front corners. If the ambient temperature rises, this equipment may not work effectively. This is not a system failure.
	• Refrigerator is located near a heat source or direct sunlight.	• Keep the refrigerator away from direct sunlight or a heat source.
	• Not enough clearance between refrigerator and sides/rear.	• We recommend that the gap between the refrigerator and nearby walls (or cabinets) is more than 50 mm.
Interior wall is hot.	• Refrigerator control is not set correctly.	• Set the temperature lower.
	• Refrigerator is located near a heat source or direct sunlight.	• Keep the refrigerator away from direct sunlight or a heat source.
	• Not enough clearance between refrigerator and sides/rear.	• We recommend that the gap between the refrigerator and nearby walls (or cabinets) is more than 50 mm.
Fridge/freezer does not operate. Fridge/freezer temperature is warm.	• Power cord is not plugged in properly.	• Properly plug in the power cord.
	• Temperature control is not set correctly.	• Set the temperature lower.
	• Refrigerator is located near a heat source or direct sunlight.	• Keep the refrigerator away from direct sunlight or a heat source.
Fridge/freezer temperature is warm.	• Not enough clearance between refrigerator and sides/rear.	• We recommend that the gap between the refrigerator and nearby walls (or cabinets) is more than 50 mm.
	• Vacation mode is activated.	• Deactivate vacation mode.
	• The refrigerator is overloaded.	• Do not overload the refrigerator. Do not allow food to block ventilation.

Symptom	Possible causes	Solution
Fridge/freezer is over-cooling.	• Temperature control is not set correctly.	• Set the temperature higher.
Interior wall is hot.	• Refrigerator has heat-proof piping in the interior wall.	• To prevent condensation from forming, the refrigerator has heat-proof piping in the front corners. If the ambient temperature rises, this equipment may not work effectively. This is not a system failure.

Odours

Symptom	Possible causes	Solution
Refrigerator has odours.	• Spoiled food.	• Clean the refrigerator and remove any spoiled food.
	• Food with strong odours.	• Make sure strong smelling food is wrapped airtight.

Troubleshooting

Condensation

Symptom	Possible causes	Solution
Condensation forms on the interior walls.	• If door is left open, moisture enters the refrigerator.	• Remove the moisture and do not open the door for a long time.
	• Food with high moisture content.	• Make sure food is wrapped airtight.
Alarm	• The temperature had risen in the freezer when it was converted to fridge mode. (applicable models only).	• Wipe any moisture with a dry cloth.

Alarm

Symptom	Possible causes	Solution
An alarm sounds.	• If the door is left open for more than two minutes, the alarm sounds until the door is closed.	• Press any button to turn off the alarm. Contact a local Samsung service centre if the alarm sounds again after 12 hours.

Frost

Symptom	Possible causes	Solution
Frost around the vents.	• Food is blocking the vents.	• Make sure no food blocks the refrigerator vents.
Frost on interior walls.	• Door is not closed properly.	• Make sure food does not block the door. Clean the door gasket.

Do you hear abnormal sounds from the refrigerator?

Before calling for service, review the checkpoints below. Any service calls related to normal sounds will be charged to the user.

These sounds are normal.

- When starting or ending an operation, the refrigerator may make sounds similar to a car engine igniting. As the operation stabilizes, the sounds will decrease.



- While the fan is operating, these sounds may occur. When the refrigerator reaches the set temperature, no fan sound will occur.



Troubleshooting

SmartThings (applicable models only)

Symptom	Action
Could not find "SmartThings" in the app market.	• The supporting software version of the SmartThings app is subject to change according to the OS supporting policy the manufacturer provides. In addition, as for the SmartThings app or the functions that the app supports, the new application update policy on the existing OS version can be suspended due to usability or security reasons.
The SmartThings app fails to operate.	• The SmartThings app is available for applicable models only. • The old Samsung Smart Refrigerator app cannot connect with Samsung Smart Home models.
The SmartThings app is installed but isn't connected to my refrigerator.	• You must log into your Samsung account to use the app. • Make sure that your router is operating normally. • If the Wi-Fi icon on the refrigerator's display is off, this indicates that no network connection has been established yet. In this case, use the SmartThings app to connect and register your refrigerator to the access point (AP) of your house.
Could not log into the app.	• You must log into your Samsung account to use the app. • If you don't have a Samsung account, follow the app's onscreen instructions to create one.

Symptom	Action
An error message appears when I try to register my refrigerator.	• Easy Connection may fail due to the distance from your access point (AP) or electrical interference from the surrounding environment. Wait a moment and try again.
The SmartThings app is successfully connected to my refrigerator but does not run.	• Exit and restart the SmartThings app, or disconnect and reconnect the router. • Power off the refrigerator, and then power it on again after 1 minute.
The Wi-Fi icon is blinking. (🌐)	• Connect your refrigerator with the SmartThings app before use. When the connection is made successfully, the indicator stops blinking. - If you fail to make connection or don't want to use the app, press and hold the Fridge button for 10 seconds. The indicator stops blinking.

Open Source Announcement

The software included in this product contains open source software.
The following URL http://opensource.samsung.com/opensource/SMART_TP1_0/seq/0 leads to open source license information as related to this product.



SAMSUNG Helpline - Call : 1800 5 7267864 (1800 5 SAMSUNG) / 1800 40 7267864 (1800 40 SAMSUNG)

This warranty card gives the key points related to warranty claim. For further details log on to www.samsung.com/in/support.

Warranty Card	*TERMS & CONDITIONS
1. Proof of purchase is a pre-requisite to claim warranty. 2. The product should have been purchased from an authorised Samsung Sales Dealer in India. 3. Warranty can be claimed only if the repair was carried out by the Samsung authorised service center. 4. Carry-in service or In-Home service applicability depends on the product category and Samsung policy. 5. Free installation or demo of the product, if applicable, can be availed only once and within 6 months from the date of purchase. In case of installation, any additional material required over and above the standard installation kit shall be on the chargeable basis. 6. In case of defective accessory, only the accessory will be repaired or replaced. 7. Cosmetic/ Aesthetic / Plastic / Glass Parts /Bulbs / Cable /Wiring / Piping/ Consumables are not covered under warranty. 8. The defective parts/ products which were replaced by Samsung under this warranty shall be the property of Samsung. 9. While carrying out repair, Samsung may use accessories or parts that are new or refurbished or reconditioned. 10. Samsung shall not be liable for any losses or consequential losses due to product failure or the installed software. 11. Samsung shall be free to decide on whether or not to provide a software update for its products. 12. Samsung shall not be responsible for any loss or misuse of data, personal information, setting, third party software during product usage or repair or software update. 13. Samsung shall not be liable for any loss, cost, expense, inconvenience or damage that may result from use inability to use the product. Under no circumstances shall Samsung be liable for any loss, cost, expense, inconvenience or damage exceeding the purchase price of the product. 14. Defects caused by customer negligence, tampering shall void the product warranty. 15. Any extended/addition warranty offered by Samsung has to be supported by relevant proofs. 16. Usage of power stabilizers of proper rating is necessary unless explicitly mentioned by Samsung on product literature/instruction booklet. 17. In case of defect arising out of installation done by party other than Samsung authorised party, the limited warranty will be applicable as per revised T&C as Samsung shall deem fit. 18. Regular upkeep, maintenance and cleaning of parts are necessary in certain products. Such periodic maintenance shall be on chargeable basis unless otherwise provided and not covered under warranty. 19. In the event of any unforeseen circumstances, and spares not being available Samsung's prevailing depreciation rules will be binding on the purchaser and same shall be considered as a commercial solution in lieu of repairs. 20. Defects arising out of the following are not covered under warranty like Mishandling/Misuse, Improper ventilation, Improper voltage, Use of external material, Normal wear and tear, Physical damage and / or electrical damage caused by physical impact. 21. Complaints related to playability, printability, compatibility with external accessories, software, file systems, third party applications, CODEs, signals, Networks& ISP bandwidth shall not be considered as defect in product and not covered under warranty. 22. This warranty covers only the defects in products arising out of manufacturing or faulty workmanship. 23. This warranty covers repair/replacement of parts. 24. Warranty period of parts & accessories may vary from product to product. 25. Maximum liability out of this warranty is limited to the product purchase value/MRP. 26. No warranty on certain parts/conditions/types of product failures. 27. Under certain conditions where warranty obligations cannot be met, depreciation will be applicable on the existing product.	
CUSTOMER DETAILS CUM WARRANTY CARD	
Model No: _____ Customer copy (to be retained by customer): _____	
Product Serial No: _____ Date of Purchase: _____	
Name: _____	
Address in Full: _____	
Telephone No.: _____ Model No: _____	
Dealer Name & Address : _____	
Customer's Signature & Date (I accept the Terms & Conditions of warranty) _____ Dealer's Signature with rubber stamp _____	

The Warranty shall be null and void in any of the following cases, and in such cases Samsung may at its sole discretion repair the equipment on a chargeable basis. The decision of Samsung, whether a complaint falls in any of these categories or not shall be binding on the Purchaser.

- The duly filled warranty card/proof of purchase is not presented to the service engineer at the time of repairs being undertaken / requested.
- The original serial number of the product is removed, altered or obliterated from the product.
- The product purchased is not used as per the rated power conditions or instructions mentioned in the INSTRUCTION MANUAL.
- The product is being used for commercial purpose OR if the product has been used excessively and beyond reasonable usage as permitted within the product instruction manual.
- Site (premises where the product is used/ kept) conditions that do not conform to the recommended operations of the product.
- Defects caused due to exposure to moisture/dampness/extreme thermal or environmental conditions or rapid changes in such of conditions/conditions/influences of food/liquids/influence of Chemical substances.
- Defects due to causes beyond control like lightning, abnormal voltage, spikes, external sources (ex: cable/set top box connections), fire, water logging, natural calamities, commotion, riots, theft, anti-social action, acts of God or while in transit.
- Defects caused by household pets, rats, cockroaches, ants, pests, fungi or any other animals/birds/insects.
- Defects caused due to negligence/omission of the Purchaser on account of periodic maintenance(s)/periodic servicing as mentioned in the instruction manual of the product.
- Defects caused due to usage of third party material/non Samsung Authorized Consumables.
- Any modifications, including but not limited to, rooting attempts, reverse engineering, unlocking, jail-breaking etc. of the original firmware(s) or software(s) of the product.
- Repair due to misuse/third party repair attempts are not covered in warranty.
- Warranty does not cover repair due to external factors/mediums/data types.
- Warranty shall apply only if the product is used as per its usage specifications (ex: personal, commercial etc.)
- Warranty shall be void if product has failed under certain conditions/types (ex: water logging, misuse, etc.)

All disputes arising out of this warranty are subject to Delhi jurisdiction only.
Warranty period commences from the date of purchase of the product unless specified otherwise.

Product Group	Product Description	Warranty Period (Months)	Parts/Accessory Warranty (if applicable)
Refrigerator	Refrigerator	12	120 months for Digital Inverter Compressor*

* 18 Months from date of purchase or 12 months from installation, whichever ends early. ** 12 Months from date of commissioning.
* In case of parts warranty, labour cost and gas charging cost(if applicable) will be chargeable as per the applicable rates.

Correct disposal of the product (Waste Electrical & Electronic Equipment)

This marking on the product, accessories or literature indicates that the electronic accessories (e.g. charger, headset, and USB cable) should not be disposed with other household waste at the end of their working life.

For more information on safe disposal and recycling visit our website or contact number.

SAMSUNG INDIA ELECTRONICS PRIVATE LIMITED
Registered Address: 8th Floor, DLF Centre, Sansad Marg, New Delhi-110001, Visit : www.samsung.com/in
Samsung Helpline - Call : 1800 5 7267864 (1800 5 SAMSUNG) / 1800 40 7267864 (1800 40 SAMSUNG)

Marking and Labeling Information as per Plastic Waste Management Rules

Brand Owner Name	EPR Registration No.	Thickness of Plastic Packaging (In case of CAT-II)
Samsung India Electronics Private Limited	BO-20-000-05-AAAC55123K-22	> 50 Micron

Contact SAMSUNG WORLD WIDE

If you have any questions or comments relating to Samsung products, please contact the SAMSUNG customer care centre.

Country	Contact Center	Web Site
INDIA	1800 5 7267864 (1800 5 SAMSUNG) Toll-Free 1800 40 7267864 (1800 40 SAMSUNG) Toll-Free	www.samsung.com/in/support

This Product is RoHS compliant

