

Learn the cooling technology on Samsung refrigerators

Samsung refrigerators are always appreciated by consumers thanks to the application of advanced technologies, not only help preserve food better but also extremely smart and user friendly. Let's find out immediately Samsung is applying any modern cooling technology on refrigerator equipment!

In this article, TipsMake.com will introduce you to the modern technologies being applied on Samsung refrigerators to help you better understand the device's ability to operate, preserve food!

Samsung refrigerators are popular with many young people not only because of their elegant design, sophistication, diversified models of 2-wing refrigerators, Side by Side refrigerators . but also very hard-working by 'update'. new advanced technologies on products. Let's discover whether Samsung has brought to the refrigerator what cooling technologies and the role of each technology for storing and preserving food right away!

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Modern cooling technologies on Samsung refrigerators

2 independent indoor units (Twin Cooling Plus) and 3 independent indoor units (Triple Cooling)

Old refrigerators only use one indoor unit (Mono Cooling) so the cold air will move back and forth between the freezer and the cooler. Freezing air in the freezer will lose moisture and wither the food stored under the cool compartment. At the same time, the food in the compartments is also mixed in and the compartments cannot be

customized separately according to the need of use.

With 2 independent indoor units (Twin Cooling Plus) and 3 new independent cooling units (Triple Cooling), each separate compartment will be equipped with a separate cooling system, no longer exchanging gas between compartments. Therefore, in the cool compartment, the humidity is always maintained, stable at an ideal level, helping the food not lose moisture, keeping the freshness level up to 2 times higher than the traditional refrigerator. Besides, there will also be no food phenomenon between the smelly compartments, helping you always enjoy the original taste of food. In addition, separate compartments can also be flexibly adjusted according to the demand:

1. **On Samsung refrigerators equipped with Twin Cooling Plus system** : You can convert the freezer into a cool compartment when more storage space is needed or turn off one of the two compartments in case there is no need to use to save Better power saving.
2. **On Samsung refrigerators equipped with Triple Cooling system** : You can customize the temperature and humidity in each compartment according to your needs in the most comfortable and flexible way without fear of affecting other compartments. .

Refer now: Samsung Twin Cooling Plus refrigerator latest model



Samsung refrigerators with 2 independent (Twin Cooling Plus) indoor units.

Multi-Flow and Multi-Around Cooling

Traditional fridges usually only have 1-2 cold air outlets, leading to the fact that it is difficult to spread evenly throughout the cabinet, where it is too cold, some places are not cold enough, making food unable to preserve long but still fresh.

On Samsung refrigerators, it adopts Multi Flow (All-Around) and All-Around Cooling technology, cold air outlet system is equipped evenly in the compartments so the airflow is cold. distributed, spread evenly across every corner of the cabinet, helping the temperature and humidity to remain stable throughout the compartments, even when you open the cabinet. As a result, Samsung refrigerator compartments are evenly cooled, helping preserve food more efficiently and freshly for longer.



The dome cooling technology spreads cold air more evenly on Samsung refrigerators.

Reduce temperature fluctuations (Precise Chef Cooling)

Samsung refrigerators are equipped with Precise Chef Cooling technology that will be able to touch continuous temperature changes to adjust compressor operation more accurately, helping heat change The temperature in the refrigerator is maintained at ± 0.5 degrees Celsius, while in conventional refrigerators the fluctuation range of this temperature can be up to ± 3 degrees Celsius. Therefore, Precise Chef Cooling refrigerators will keep Food is fresh and delicious for a longer time.



The dome cooling technology preserves food more efficiently on Samsung refrigerators.

Quick cooling (Power Cool), Quick ice making

Quick cooling technology, quick ice making equips Samsung refrigerators with the ability to accelerate the cooling process. When you activate these features, cold air at extremely low temperatures will quickly be blown into drinks or food for rapid freezing and freezing.

Heat loss during power outages (Mr Cool Pack)

Power-loss thermal retention technology (Mr Cool Pack) uses the freezer thermal plate (in the form of a special liquid bag) placed directly on the freezer shelf. When the power is out, this heat-retaining plate will spread the cold air, slowing the temperature rise in the freezer, helping to maintain the freezing capacity in the freezer longer than the conventional refrigerator line.

Mr Cool Pack helps Samsung refrigerators to keep food frozen (preserve frozen food below 0 degrees C) for up to 1 hour and keep food cold for up to 8 hours. As a result, bacteria have no chance of entering food, food is not damaged, smells or melts, ensuring the best freshness in all circumstances.



Mr Cool Pack heat preservation plate helps keep cold freezer of Samsung refrigerator when power is out.

Antifreeze (No Frost)

No freezing or non-snowing technology (No Frost) on Samsung refrigerators helps cold air be continuously circulated and spread evenly across the cabinet so that the cabinet is not closed with snow or unpleasant odors. Thus, the food is better preserved and fresher in a longer time without being rancid, being snowed outside or getting stuck together.

Reducing internal heat loss (Metal Cooling)

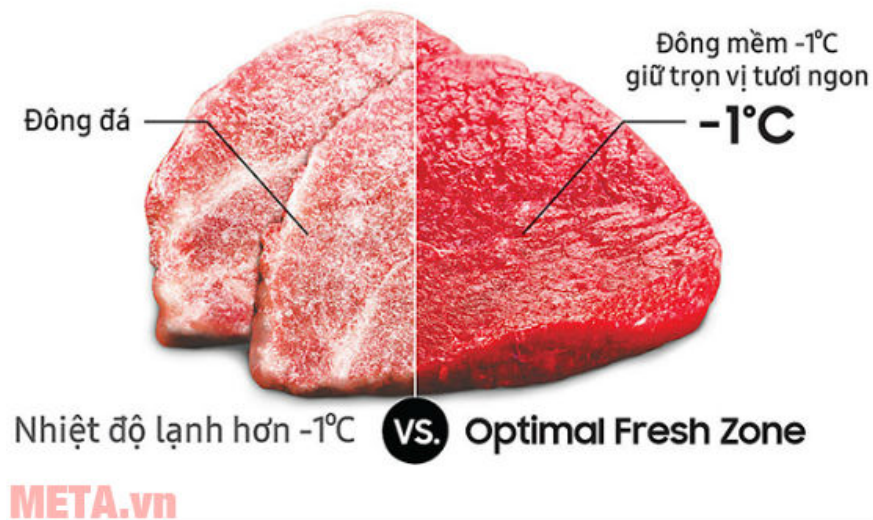
Metal Cooling is a metal sheet equipped to enhance temperature preservation, reduce heat loss to the refrigerator. With Samsung refrigerators equipped with Metal Cooling, the cabinet will not take long to cool down after opening / closing the cabinet door, helping to store food more efficiently and saving significant power.



Metal Cooling shields reduce heat loss for Samsung refrigerators.

Special compartments: Soft freezer (Fresh Zone Optimal), Flexible compartment (Cool Select Zone 4 mode), Vegetable compartment, Automatic ice maker (Auto Ice Maker)

1. **The soft freezer compartment (Fresh Zone Optimal)** applies soft freezing technology at -1 degrees Celsius, making food free from ice, keeping the freshness, nutritional content, taste and texture ideal, at the same time. You can directly prepare and process food immediately after removing it from the cabinet without defrosting.
2. **Flexible compartment (Cool Select Zone 4 mode)** has the ability to switch the temperature in 4 different modes: *frozen*, *frozen*, *cool* and *cold* in a smart, convenient way to meet a variety of needs. use at different times.
3. **The fruit and vegetable compartment** is equipped with the ability to control humidity to keep the optimum moisture, preserve fresher fruits and vegetables for longer periods.
4. **Automatic ice maker (Auto Ice Maker)** has the ability to automatically take ice from the water tray and make ice continuously (up to 0.9 kg per day), making sure to always have cold ice in the family.



Fresh frozen foods are more efficient in the freezer compartment of Samsung refrigerators.

Other technologies cannot be ignored on Samsung refrigerators

In addition to the above modern cooling technologies, Samsung refrigerators are also equipped with other advanced features and technologies that users cannot ignore such as:

1. Digital inverter compressor technology (Digital Inverter), temperature and humidity sensors help compressors operate more efficiently, more sustainably, causing noisy noise, saving power consumption up to 24% and enhance the life of the machine.
2. Anti-odor antibacterial technology with deodorizing filters, Active Fresh Keeper feature (using activated carbon filter and antibacterial mesh) . helps the air in the cabinet always clean, clean, hygienic, no unpleasant odor and does not affect food preservation.
3. The foreign take mode helps you do not need to open the cabinet door but still can take drinking water quickly and conveniently, helping the cabinet not lose heat and reduce power consumption.

4. Beautifully designed, equipped with sophisticated LED lighting, gentle, energy saving, optimizing better storage space, with high-capacity tray system, preserving a large volume of food for large families.

Hopefully, the above information has helped you better understand the modern technologies and features that are being applied on Samsung refrigerators to bring the ability to preserve food effectively and save electricity when using and contributing. The section offers a more luxurious, sophisticated and comfortable kitchen space.

If you need to use Samsung refrigerator, you can order online at **META.vn** website or call **Hanoi** hotline **024.35.68.69.69 - TP. HCM 028.38.33.33.66** for advice, support to buy genuine products fastest with the best cheap price on the market!

More reference :

1. Select the capacity of the refrigerator to match the number of family members
2. Choose to buy a 2-wing refrigerator according to size
3. How to clean the refrigerator properly?

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