

Refrigerator

HITACHI

Inspire the Next



Side by Side Series

Eco-technologies ensure energy-saving and eliminate harmful materials while new high-performance features enhance everyday life!

Side by Side (584L) Luxury



INVERTER × Dual Fan Cooling

Inverter×Dual Fan Cooling –
the Hitachi Solution for
Powerful Refrigeration
Plus Exceptional Energy Saving.



In Hitachi's cooling system, the inverter compressor adjusts cooling power over a wide range, changing the amount of chilled air generated inside as required. The two dedicated fans of Dual Fan Cooling then deliver the chilled air to each of the compartments. In this way, Hitachi's cooling system provides optimum cooling at all times.

Powerful Cooling

Cools even at
60°C^{*1}

^{*1} Tested by Hitachi. Test conditions: Ambient temperature of 60°C and stable interior conditions without opening or closing the door.

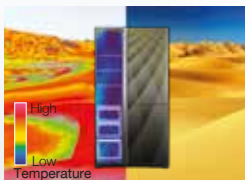


Image of temperature distribution

Stabilizer Free

Cools under wide
voltage fluctuations
130v-300v^{*2}

^{*2} Tested by Hitachi. Operating condition may differ depending on situations.

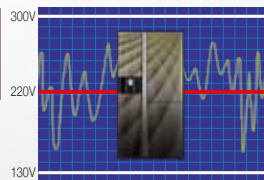


Image of voltage fluctuations

Long Cool Keeper

Cooling Retention
15Hours^{*3}
Even during power cut

The highest heat insulation performance of all Hitachi refrigerator line^{*4} thanks to VIP.



Image

^{*3} Tested by Hitachi. Applies to the freezer compartment.

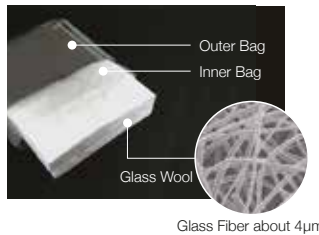
^{*4} Compared to the 12hours cooling retention of other models.

A Breakthrough in Energy Saving with Hitachi's Advanced Technology

The new, cutting edge technology of VIP, together with Hitachi's other original features, provides world-leading energy saving performance to support your everyday life.

VIP-Vacuum Insulation Panel

VIP is an energy saving technology next in line after "Inverter" to achieve even higher energy efficiency. In Hitachi's new luxury series refrigerator, the new vacuum insulation panels in side walls improved heat insulation performance and achieved further energy saving.



Highest Level Heat Insulation

VIP is a thin panel with extremely high heat insulation performance. Its performance is much higher than Urethane, a conventional insulation material for refrigerators. VIP is manufactured in a vacuum environment in which the atmospheric pressure is kept at a level similar to outer space, where no substances such as air exist, so the inside of VIP is also in a vacuum state.



Air transfers heat, but not in the vacuum state. A vacuum layer of VIP between the ambient air and refrigerator can prevent heat loss and keep the inside temperature low for a long time. It also ensures longer cool keeper of 15hours⁵ in the freezer compartment even during power cut, longer than any of our other models.⁶

⁵ Tested by Hitachi.
⁶ Compared to the 12hours cooling retention of other models.

How VIP Saves Energy in a Refrigerator?

The key to energy saving performance in refrigerator is to keep the inside temperature low for a long time. When it rises due to external heat entering inside or cold air escaping from refrigerator, a compressor operates to lower the inside temperature and starts consuming more energy. VIP prevents external heat from entering or internal cold air from escaping, achieving a new level of energy saving performance.

Auto Energy Saving by Eco Monitoring Sensor



Eco Monitoring Sensor is a new function that senses if a person is near the refrigerator and automatically switches on/off the Energy Saving mode.



When the Energy Saving mode is turned on, the "Energy Saving" LED on the controller is lit.

*The Energy Saving mode will not turn on when the power load on the refrigerator increases - when the doors are opened and closed frequently or when the quick freezing is in progress, or when something is placed in front of the sensor.

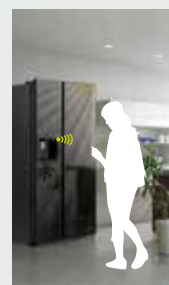


When nobody is near the refrigerator, the Energy Saving mode is turned on and power consumption is reduced by slowly cooling the inside. This is useful when you travel or leave your home for an extended period.



When somebody approaches the refrigerator, the Energy Saving mode is automatically turned off and the refrigerator operates normally.

Auto Display by Eco Monitoring Sensor



The controller section is displayed automatically only when somebody approaches and provides guidance in a user-friendly manner. When it is not turned on, the refrigerator has a neat appearance which blends in nicely with other furniture of your home.

Hitachi Technology for a Supreme Refr

Our original and highly advanced Auto Door technology provides a delightfully adding more convenience to the uniquely advanced refrigerator.

Auto Door

The more items that are stored in the refrigerator and freezer, the more the doors get opened, and yet, the heavier they get. With Hitachi's technology, even if the refrigerator and freezer compartments are fully packed, the heavy doors can be opened automatically in two ways for convenient access.



Touch open

The door will automatically open when the open button is touched. You can open each door with a single touch.



Touch the open button to open the corresponding door.

Slide open

Touch the open button and slide your finger to open both doors. The door whose open button was touched first will open and the other door will follow.



You can open the door even while holding a pot or bag by touching the open button with your hands.

*The open button cannot be operated through clothes.

- This function is provided to help reduce the burden of opening the door but to only partly open it. The angle that the doors open depends on the placement condition of the refrigerator.
- The auto door function can be turned off to always open the doors manually.
- The auto door function of refrigerator door does not operate when the vegetable compartment door is open.



Touch Screen Controller



Innovative technology is also elegantly incorporated in the door. Flat glass panel controls let you change settings with a simple touch. And the surface has been tempered, so a wipe is all it takes to clean it.



Bright, Energy Saving LED Light

All compartments feature LED lighting that lasts a long time and consumes much less energy than conventional lamp.



Elegant Bottle and Wine Shelf

This elegant shelf enables proper storage of bottles to prevent them from rolling. It also holds bottles at the optimum angle for storing premium wines.



Extra Storage Space

The ice bank on the door enables storage of items right up to the top of the freezer compartment. Now you can enjoy a large 18L of extra storage space.



Nano Titanium

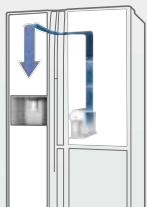
Nano Titanium is a cutting edge technology that uses a TiO₂ catalyst to provide a powerful antibacterial, anti-mold and deodorizing effect. It's also maintenance-free and requires no extra energy.

Refrigerator Experience

easy door opening experience like never before,



Tank Type Ice and Water Dispenser Makes Clean Ice from Bottle Water



Enjoy Clean Ice and Water Anytime from a Tank Water Supply System

Just pour mineral or other purified water into the tank and ice is automatically made for you. The large capacity tank holds a big 4L of cold water, and you can remove it for easy cleaning.

No Plumbing Required

Because the unit does not need to be connected to a tap, no troublesome plumbing is required, and you can install it virtually anywhere.



Separate Compartment with Clean Technology for Fresh Vegetables



Perfect Humidity approx. **90%***

*1 Tested by Hitachi. Differs depending on the amount and type of vegetables.

Efficient, indirect cooling in each of the covered cases maintains perfect humidity at the optimum level of approx. 90% to assure long-lasting freshness.

Clean Air and No Odor Transfer

The completely separate compartment is always full of clean air that has passed through a Nano Titanium filter. Of course, there's also no transfer of odors from other compartments.

Luxury Series

R-M700AGP4MSX
Net 584L



Diamond (DIA)

INVERTER
x
Dual Fan Cooling



Refrigerator Compartment

- Water Tank with Filter
- Bottle and Wine Shelf
- Tempered Glass Shelves
- LED Light ● Dairy Pocket

Vegetable Compartment

- Separate Veg. Compartment
- Perfect Moist Drawers ● LED Light

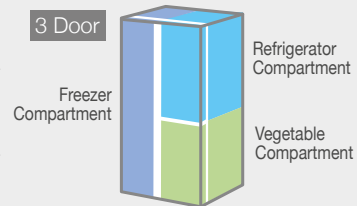
Freezer Compartment

- Automatic Ice Maker
- Tempered Glass Shelves ● LED Light

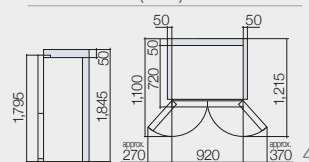
General Features

- VIP (Vacuum Insulation Panel)
- Auto Door
- Eco Monitoring Sensor
- Inverter Control ● Dual Fan Cooling
- Tank Type Ice and Water Dispenser
- Eco Thermo Sensor
- Touch Screen Controller
- Nano Titanium Filter
- Moldproof Door Gasket
- No Frost ● CFC-Free ● HFC-Free

3 Door



Dimensions (mm)



□: Space required for ventilation.

Side by Side (584L / 589L / 605L) Glass

INVERTER × **Dual Fan Cooling**

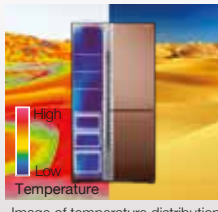
Dual Fan Cooling with Two Dedicated Fans



■ Super Energy Saving

Combining the two highly energy efficient technologies of the inverter compressor and Dual Fan Cooling, this new cooling system assures even more efficient operation with no wasted energy. As a result, it has acquired top class energy saving ratings worldwide.

■ Powerful Cooling



Cools even at
60°C^{*1}

^{*1} Tested by Hitachi.

Image of temperature distribution

■ Stabilizer Free

Cools under wide
voltage fluctuations
130v-300v^{*2}

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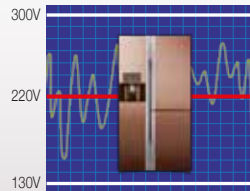


Image of voltage fluctuations

Long Cool Keeper

Cooling Retention
12Hours^{*3}
Even during power cut

^{*3} Tested by Hitachi.
Applies to freezer
compartment.



Image

Tank Type Ice and Water Dispenser Makes Clean Ice from Bottle Water



Enjoy Clean Ice and Water Anytime from a Tank Water Supply System

Just pour mineral or other purified water into the tank and ice is automatically made for you. The large capacity tank holds a big 4L of cold water, and you can remove it for easy cleaning.

No Plumbing
Required



Separate Compartment with Clean Technology for Fresh Vegetables



Perfect Humidity approx.
90%^{*4}

^{*4} Tested by Hitachi. Differs depending on the amount
and type of vegetables.

Clean Air and No Odor Transfer

The completely separate
compartment is always full of
clean air that has passed
through a Nano Titanium filter.
Of course, there's also no
transfer of odors from other
compartments.

Outstanding Convenience



Touch Screen Controller

Innovative technology is also elegantly incorporated in the door. Flat glass panel controls let you change settings with a simple touch. And the surface has been tempered, so a wipe is all it takes to clean it.



Extra Storage Space

The ice bank on the door enables storage of items right up to the top of the freezer compartment. Now you can enjoy a large 18L of extra storage space.



Bright, Energy Saving LED Light

All compartments feature LED lighting that lasts a long time and consumes much less energy than conventional lamp.



Nano Titanium

Nano Titanium is a cutting edge technology that uses a TiO₂ catalyst to provide a powerful antibacterial, anti-mold and deodorizing effect. It's also maintenance-free and requires no extra energy.

Glass Series

R-M700GP2MS
Net 584L



Glass Black (GBK)

R-S700GP2MS
Net 589L



Glass Black (GBK)



Glass Silver (GS)

R-S700P2MS
Net 605L



Glass Black (GBK)

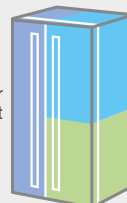


Glass Silver (GS)



2 Door

Freezer Compartment



Refrigerator Compartment

Vegetable Compartment

3 Door

Freezer Compartment



Refrigerator Compartment

Vegetable Compartment

INVERTER X Dual Fan Cooling

Refrigerator Compartment

- Water Tank with Filter^{*5}
- Tempered Glass Shelves
- LED Light ● Dairy Pocket

*5 Applies to Ice Dispenser models. *6 Applies to 3 Door models.

Vegetable Compartment

- Separate Veg. Compartment^{*6}
- Perfect Moist Drawers ● LED Light^{*6}

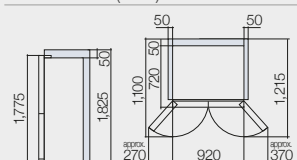
Freezer Compartment

- Automatic Ice Maker^{*5}
- Tempered Glass Shelves ● LED Light

General Features

- Inverter Control ● Dual Fan Cooling
- Tank Type Ice and Water Dispenser^{*5}
- Eco Thermo Sensor
- Touch Screen Controller
- Nano Titanium Filter
- Moldproof Door Gasket
- No Frost ● CFC-Free ● HFC-Free

Dimensions (mm)



□: Space required for ventilation.

SPECIFICATIONS

		Luxury Series	Glass Series		
		3-Door		2-Door	
Model		R-M700AGP4MSX	R-M700GP2MS	R-S700GP2MS	R-S700P2MS
Net Capacity (L)	Total	584	584	589	605
	Freezer	212	212	212	228
Cooling System	Dual Fan Cooling	●	●	●	●
Refrigerator Compartment	Water Tank with Filter	●	●	●	-
	Bottle & Wine Shelf	●	-	-	-
	Tempered Glass Shelf	4	4	5	5
	Dairy Pocket	●	●	●	●
	LED Light	●	●	●	●
Vegetable Compartment	Perfect Moisture Drawers	3	3	2	2
	LED Light	●	●	-	-
Freezer Compartment	Automatic Ice Maker	●	●	●	-
	Tempered Glass Shelf	4	4	5	5
	Drawers	3	3	2	2
	LED Light	●	●	-	-
	Refrigerant	R-600a	R-600a	R-600a	R-600a
General Features	Ice & Water Dispenser	●	●	●	-
	Inverter Control	●	●	●	●
	VIP (Vacuum Insulation Panel)	●	-	-	-
	Auto Door	●	-	-	-
	Eco Monitoring Sensor	●	-	-	-
	Eco Thermo Sensor	●	●	●	●
	Touch Screen Controller	●	●	●	●
	Door Alarm	●	●	●	●
	Nano Titanium	●	●	●	●
	CFC Free	●	●	●	●
	HFC Free	●	●	●	●
	Refrigerant	R-600a	R-600a	R-600a	R-600a
Power Supply (V, Hz)		220-240, 50	220-240, 50	220-240, 50	220-240, 50
Plug		BS 3PIN	BS 3PIN	BS 3PIN	BS 3PIN
Dimensions (mm)	Width	920	920	920	920
	Height	1,795	1,775	1,775	1,775
	Depth (Without handle)	720	720	720	720
Color		Diamond (DIA)	Glass Black (GBK)	Glass Black (GBK), Glass Silver (GS)	Glass Black (GBK), Glass Silver (GS)