

General Catalog 2016

HITACHI
Inspire the Next



INVERTER × Dual Fan Cooling

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

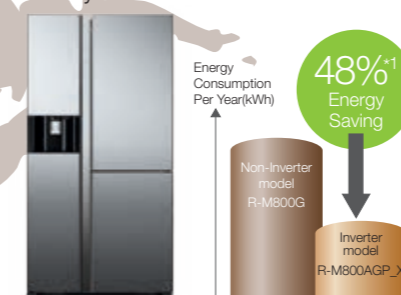
Super Energy Saving

Combining the two highly energy efficient technologies of the inverter compressor controlling the cooling power and Dual Fan Cooling controlling how much and to which compartment chilled air is delivered, 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.

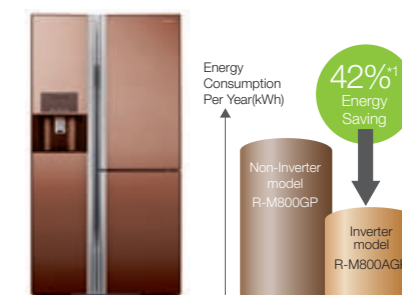
**WORLD
TOP
CLASS**



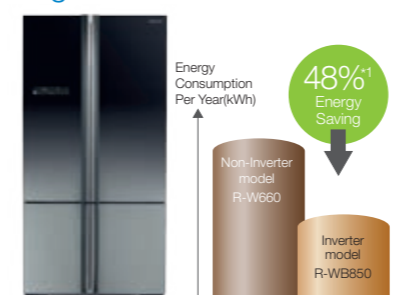
Side by Side
Luxury Series



Side by Side
Inverter Series

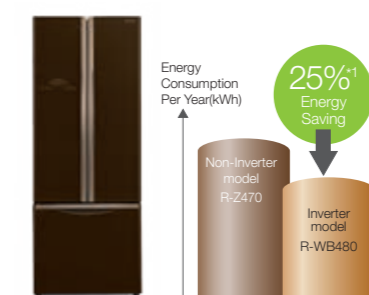


Big French Bottom Freezer



Lower energy consumption even when compared to the smaller capacity model.

French Bottom Freezer



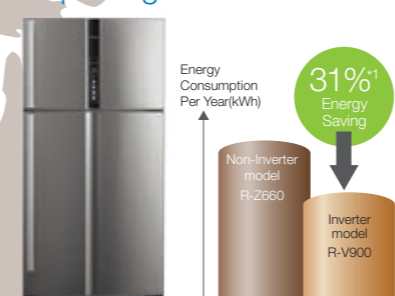
Lower energy consumption even when compared to the smaller capacity model.

Big French



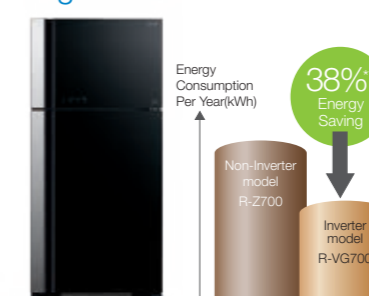
Lower energy consumption even when compared to the smaller capacity model.

Super Big2

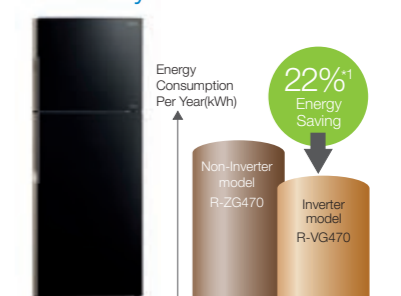


Lower energy consumption even when compared to the smaller capacity model.

Big2



New Stylish Line



*1 Based on ISO 15502(2005) Household refrigerating appliances.

Powerful Cooling

High power from the inverter compressor generates a large volume of chilled air, and Dual Fan Cooling delivers all of this to the compartments for powerful cooling. So even if the ambient temperature reaches as high as 60°C, every corner inside the refrigerator is still thoroughly cooled.

Cools even at
60°C*2

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

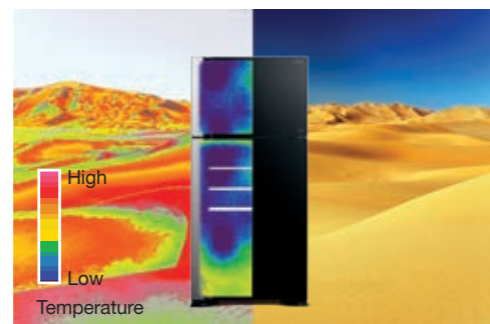


Image of temperature distribution

Stabilizer Free

Even without a special stabilizer, Hitachi's inverter refrigerators can operate under wide voltage fluctuations ranging from high as 300V.

Cools under wide voltage fluctuations
130v-300v*3

*3 Tested by Hitachi. Operating condition may differ depending on situations.

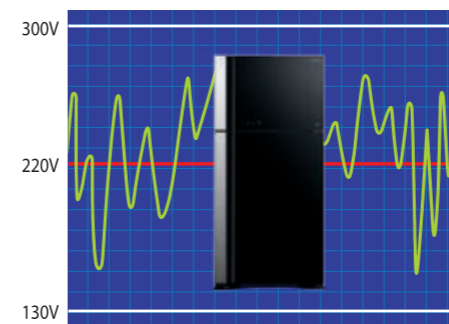
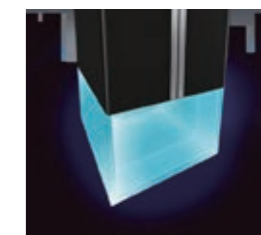


Image of voltage fluctuations

Long Cool Keeper

In the event of a power cut, the temperature in the freezer compartment is maintained to keep food fresh for 15 hours.

Cooling Retention
15 Hours*4
Even during power cut



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

How Hitachi's Inverter and Dual Fan Cooling work together

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.

Compact but High Power Inverter Compressor

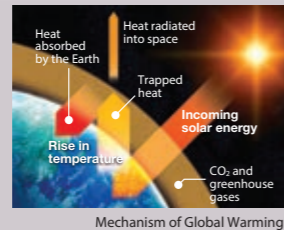
The high-precision, high-durability inverter compressor finely adjusts cooling power over a wide range from high to low. Unlike a conventional compressor that cools only by switching a fixed power on or off, the inverter compressor is capable of providing exceptionally powerful cooling by generating a large volume of chilled air, while also providing efficient low power cooling. Depending on conditions inside and outside the refrigerator detected by the Eco Thermo Sensor and with microcomputer control, it provides optimum cooling power at all times.



Quiet Operation



R-600a Eco-Friendly Refrigerant



Dual Fan Cooling - Dedicated Fans for Each of the Compartments

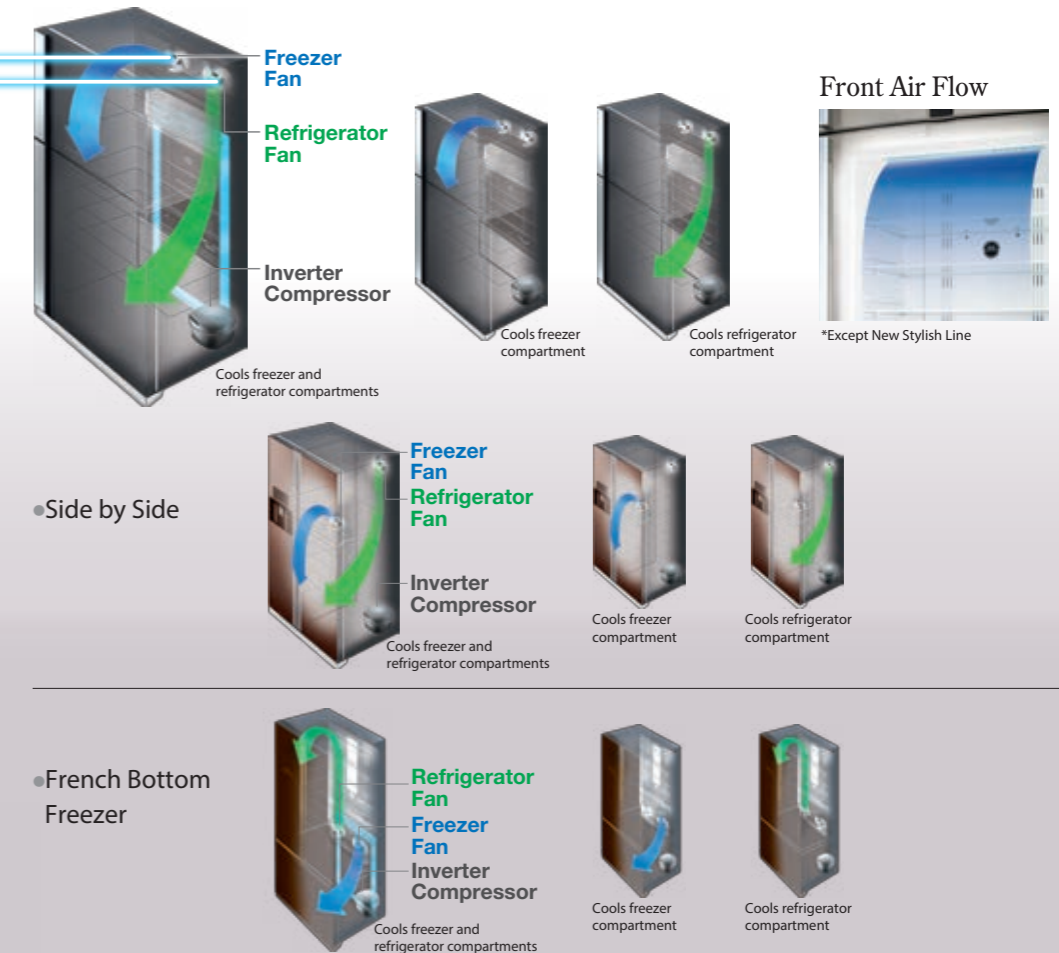
Two dedicated fans, one for the refrigerator compartment, the other for the freezer, independently cool each of the compartments. So according to conditions, chilled air can be delivered only to the refrigerator compartment, only to the freezer, or to both, which is impossible with conventional refrigerators that have only one fan.

What's more, the fans adjust airflow to provide even more powerful and efficient cooling when required.

A Range of Models

There are various types of refrigerators but they all provide intelligent cooling to each compartment with two separate fans.

- Big French
- Super Big2
- Big2
- New Stylish Line



Why Hitachi's Inverter?

Currently used in high-speed railway systems and the latest hybrid cars, Hitachi's inverter technology has always contributed to the development of society and provided a comfortable living environment. By automatically controlling the motor, this inverter technology enables optimum operation with little wasted energy. So it's also expected to play a vital role in reducing environmental impact.



Why Hitachi's Dual Fan Cooling?

Hitachi's Dual Fan Cooling enables independent cooling of the freezer and refrigerator compartments, something a single fan can't do. Using two fans, Dual Fan Cooling also quickly and effectively circulates the cold air provided by powerful inverter operation. Making the most of the inverter's capabilities, Dual Fan Cooling is the ideal cooling system.



The Big, Wide Refrigerator with an Easy-Access Compartment



Wide 77cm interior offers plenty of room for various sizes of food and drinks. Store everything from a deep pot to a long hors d'oeuvre tray.

Super Big REF Compartment

Super big capacity allows you to store plenty of food, so there's no worry if you bulk buy or purchase too much.



Easy to Access

User-friendly height enables easy viewing and quick access to everything stored in the vegetable compartment.



Easy Twist Ice Maker

Located in the door of the freezer compartment. As well as leaving more space for storing items, this new style makes it easy to make and take out ice.

Easy to twist the ice

The conveniently located lever lets you easily twist the ice with a single finger.



Easy water supply

It's easy to supply clean, bottled water.



Spacious Layout

Double Sliding Cases for well-organized storage



Extra wide case for big items



Big 59L

Big French Bottom Freezer Inverter Series



R-WB850



R-WB800



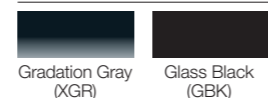
Features

- Inverter Control
- Dual Fan Cooling
- Stabilizer Free
- Powerful Cooling at 60°C
- Long Cool Keeper
- Touch Screen Controller
- Eco Thermo Sensor
- Vacuum Insulation Panel
- Aero-care Compartment
- Open-Assist Handle
- Selectable Mode Compartment
- Double Layer Door Pockets
- Easy Twist Ice Maker
- Double Slide Case
- Tempered Glass Shelves
- Nano Titanium

Dimensions

R-WB850: W910 x H1835 x D808 (mm)
R-WB800: W855 x H1835 x D808 (mm)

Color



French Bottom Freezer Inverter



R-WB550



R-WB480

Features

- Inverter Control
- Dual Fan Cooling
- Stabilizer Free
- Powerful Cooling at 60°C
- Long Cool Keeper
- Eco Thermo Sensor
- Selectable Mode Compartment
- Smart Vegetable Compartment
- Touch Screen Controller
- LED Light
- Nano Titanium
- Tempered Glass Shelves
- No Frost

Dimensions

R-WB550: W750 x H1780 x D797 (mm)
R-WB480: W680 x H1780 x D797 (mm)

Color



Big French Inverter Series



R-W900



R-W800F



R-W800



R-W660F



R-W660



R-W610

Features

- Inverter Control
- Dual Fan Cooling
- Stabilizer Free
- Powerful Cooling at 60°C
- Long Cool Keeper
- Eco Thermo Sensor
- Selectable Mode Compartment
- Big Super-Moisture Vegetable Compartment
- LED Control Panel
- LED Light
- Nano Titanium
- Tempered Glass Shelves
- Movable Twist Ice Tray*
- Automatic Ice Maker**
- No Frost

Dimensions

R-W900: W910 x H1835 x D825 (mm)
R-W800F: W910 x H1835 x D745 (mm)
R-W800: W910 x H1835 x D745 (mm)
R-W660F: W855 x H1835 x D745 (mm)
R-W660: W855 x H1835 x D745 (mm)
R-W610: W855 x H1760 x D745 (mm)

Color



Solfege Inverter Series



R-SG37



R-SG31

Features

- Inverter Control
- Stabilizer Free
- 3 Way Flexible Shelf
- Slide Out Fresh Room
- Tempered Glass Shelves
- High Moisture Cooling
- Automatic Ice Maker
- Quick Freezing
- LED Light
- Nano Titanium

Dimensions

R-SG37: W590xH1816xD630 (mm)
R-SG31: W540xH1735xD630 (mm)

Color

