

# General Catalog 2019

**HITACHI**  
Inspire the Next



UPGRADE FOR LIFE

# INVERTER × Dual Fan Cooling

Inverter×Dual Fan Cooling –  
the Hitachi Solution for Powerful and  
Efficient Refrigeration.

## 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 energy saving ratings worldwide.



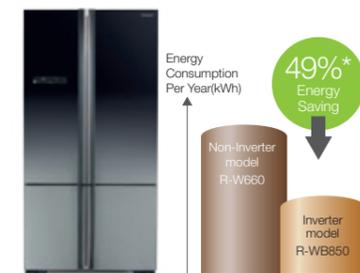
Side by Side  
Luxury Series



Side by Side  
Inverter Series

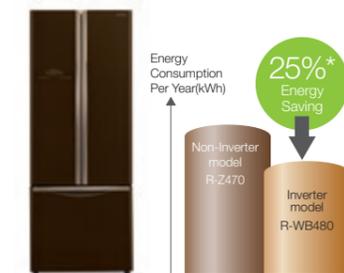


Big French Bottom Freezer



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



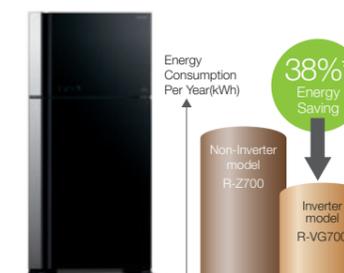
Lower energy consumption even when compared to the smaller capacity model.

Super Big2



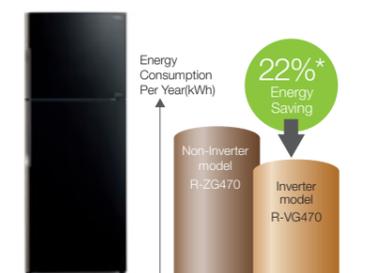
Lower energy consumption even when compared to the smaller capacity model.

Big2



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

New Stylish Line



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

## Energy Saving

Controlling how much and to which compartment chilled air is delivered, it assures no wasted energy.

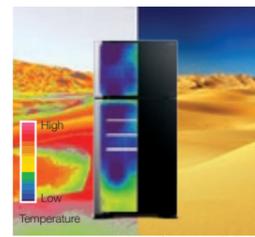


## Powerful Cooling

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**

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



## Stabilizer Free

Even without a special stabilizer, Hitachi's inverter refrigerator can operate under wide voltage fluctuations.

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

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

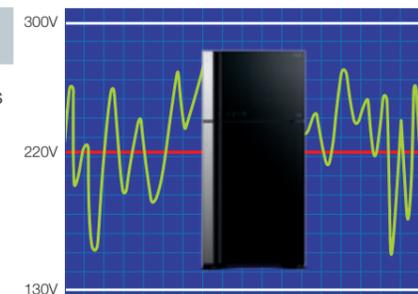


Image of voltage fluctuations

## Long Cool Keeper

The temperature in the freezer compartment is maintained to keep food fresh in the event of a power cut.

Cooling Retention  
**12-15 Hours**  
Even during power cut

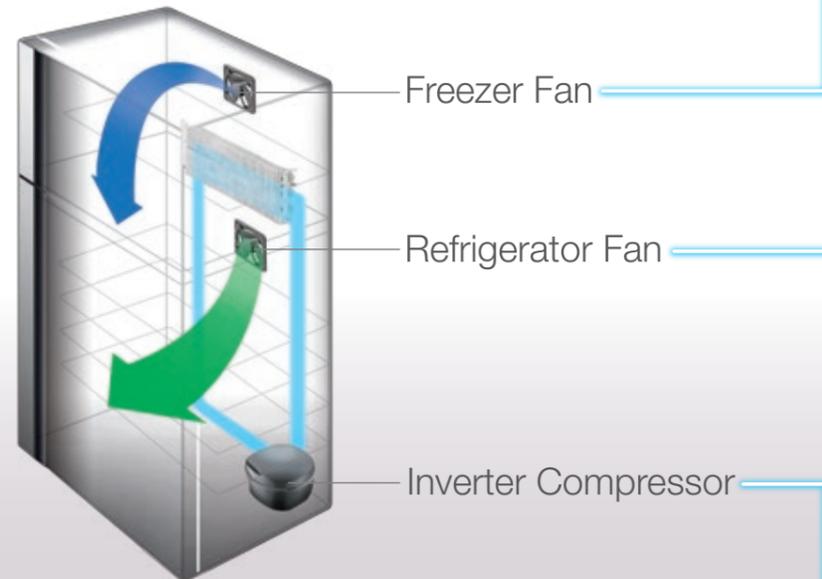
Tested by Hitachi.  
Hours may differ  
depending on models.

# INVERTER × Dual Fan Cooling

The Hitachi Solution for Powerful Refrigeration Plus Exceptional Energy Saving

## Dual Fan Cooling Dedicated Fans for Each of the Compartments

It provides optimum cooling in both the freezer and the refrigerator compartments, something a single fan can't do. Improved Dual Fan Cooling ensures energy saving and powerful cooling, supported by the Eco Thermo-Sensor in each compartment detecting any temperature changes at all times.



## High Power Inverter Compressor

Capable of providing exceptionally powerful cooling by generating a large volume of chilled air, as well as efficient low power cooling with microcomputer control.



## Dual Sensing Control

Hitachi refrigerators have two Eco Thermo-Sensors, one in the freezer compartment and the other in the refrigerator compartment. The sensors detect any temperature changes separately to enable the ideal temperatures to be maintained in each of the compartments at all times.



\*All images are for illustrative purpose only.  
\*Illustrated specifications are for Big2 model. Features are model specific.

## 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.

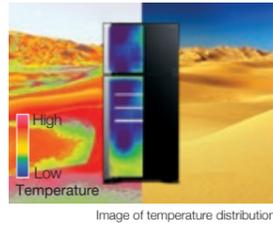
## Why Hitachi's Dual Fan Cooling?

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.



## Powerful Cooling at 60°C

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\***

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

## Fresh Select

The Select Lever lets you adjust the inside temperature by switching between the two modes.



Approx. **5°C**

### Vegetable Mode

- For storage of easily damaged soft fruits and vegetables
- Organizes items by size



Approx. **1°C**

### Dairy / Meat Mode

- Keeps meat and fish fresh
- Thaws frozen foods
- Rapidly cools drinks

## Vegetable Compartment



Ensures indirect cooling to maintain the optimum moisture level for vegetables.

High Humidity Approx. **90%\***

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

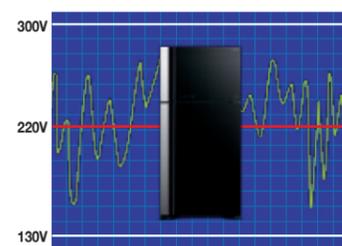
## Adjustable Pockets



You can adjust the height of the pockets in two steps to match the items being stored, and there's enough room to store 2L bottles.

## Stabilizer Free

Even without a special stabilizer, Hitachi's inverter refrigerators can operate under wide voltage fluctuations ranging from as low as 130V to as high as 300V.



Cools under wide voltage fluctuations **130V-300V\***

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

## Big, Moisture-Guard Vegetable Compartment



### Optimum High Humidity with the Moisture-Guard

Moisture-Guard on top ensures indirect cooling to maintain the optimum moisture level on the vegetables.

High Humidity Approx. **92%\***

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



### Double-Deck Vegetable Storage

Select the Vegetable mode of the Fresh Select and it becomes a second storage area for vegetables, adding an extra space.

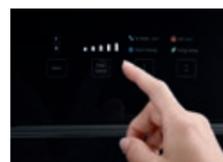
## Slide Shelf

Slide shelf makes it easier to see and reach items at the back to enable efficient, organized storage.



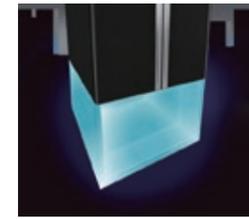
## Touch Screen Controller

Flat glass panel controls let you change the settings with a simple touch. And a wipe is all it takes to clean the tempered glass surface.



\*All display functions illuminated as an example. Actual display differs depending on the settings selected.

## Long Cool Keeper



Cooling Retention **15Hours\*** Even during power cut

The highest heat insulation performance of all Hitachi refrigerator line\*\* thanks to VIP.

\* Tested by Hitachi. Applies to the freezer compartment.

\*\* Compared to the 12hours cooling retention of other models.

## Tank Type Water Dispenser



### Enjoy Clean Water

Just pour mineral or other purified water into the tank and cold water is automatically made for you. You can remove the water tank for easy cleaning.

## Movable Twist Ice Tray

You can move the ice tray or even remove it for more convenient and efficient use of storage space.



## VIP – Vacuum Insulation Panel

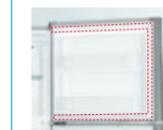


## Bright, Energy-Saving LED Light



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

## Moldproof Door Gasket



Thanks to Hitachi's moldproofing treatment, the door gasket can be cleaned easily.

## Dual Sensing Control

(Eco Thermo-Sensor)

Hitachi Refrigerators have two Eco Thermo Sensors, which detect any temperature changes separately to enable the ideal temperatures to be maintained in each of the compartments at all times.



**ECO**  
THERMO-SENSOR

\* Applicable features differ depending on models. Please refer to the specifications for details.

## Automatic Ice Maker

Ice cubes can be made automatically and continuously simply by filling the tank with water.

\*Deluxe Models only.



## Smart Control Dial



Easy to see and access, the temperature control dial is located on the front side wall of the compartment to allow smart operation.

## Tempered Glass Shelves

Scratch-proof and heat-resistant, the tempered glass shelves can even hold up to 100kg\* each.

\*Weight resistance of Tempered Glass.



# Side by Side - Luxury

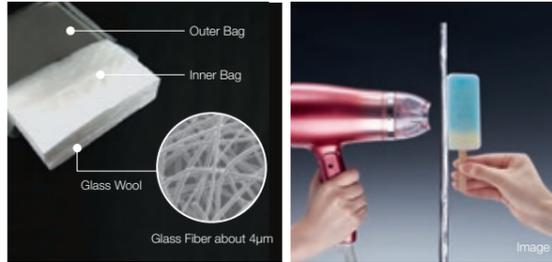
## A Breakthrough in Energy Saving with Hitachi's Advanced Technology

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 a thin panel with a vacuum inside giving an extremely high heat insulation performance much higher than that of Urethane, conventional insulation material. It prevents external heat from escaping to achieve exceptional energy savings.



### Cooling Retention 15 Hours

The highest heat insulation performance thanks to VIP even during power cuts.

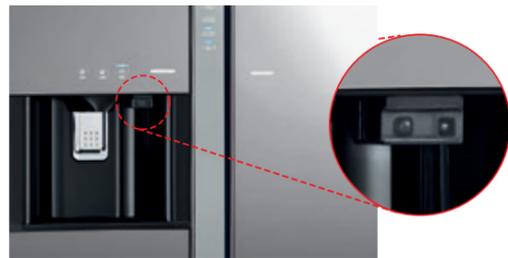
\*Tested by Hitachi. Comparative tests done with Hitachi's complete lineup.

\*Images are for illustrative purposes only.



### Auto Energy Saving by Eco Monitoring Sensor

Senses if a person is near the refrigerator and automatically switches on/off the energy saving mode. This is useful when you leave your home for an extended period.



### Auto Display by Eco Monitoring Sensor

The controller section is displayed automatically only when somebody approaches.

### Slide Open

Touch the open button and slide, the door whose open button was touched first will open and the other door follows.



- The open button cannot be operated through clothes.
- This function enables the door to be only partly opened to help reduce the burden of opening it. The angle that the doors open depends on the placement of the refrigerator.
- The auto door function can be turned off to have the doors operate manually.
- The auto door function of refrigerator does not operate when the vegetable compartment door is open.

## Side by Side Luxury Inverter Series



R-M800AGP\_X (DIA)



R-M800AGP\_X (MIR)



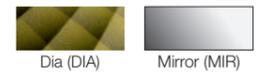
### Features

- Inverter Control
- Dual Fan Cooling
- Stabilizer Free
- Powerful Cooling at 60°C
- Long Cool Keeper
- VIP (Vacuum Insulation Panel)
- Auto Door
- Eco Thermo-Sensor
- Touch Screen Controller
- Tank Type Ice and Water Dispenser
- LED Light
- Separate Vegetable Compartment
- Nano Titanium Filter
- Tempered Glass Shelves
- No Frost

### Dimensions

W920 x H1795 x D720 (mm)

### Color



## Side-by-Side Premium Inverter Series



R-M800GP\_X



R-S800GP\_X



### Features

- Inverter Control
- Dual Fan Cooling
- Stabilizer Free
- Powerful Cooling at 60°C
- Long Cool Keeper
- Eco Thermo-Sensor
- Touch Screen Controller
- Tank Type Ice and Water Dispenser
- Automatic Ice Maker
- LED Light
- Separate Vegetable Compartment
- Nano Titanium Filter
- Tempered Glass Shelves
- No Frost

### Dimension

W920 x H1775 x D765 (mm)

### Color



## Side-by-Side Inverter Series



R-M800GP



R-S800GP



R-M800P



R-S800P

### Features

- Inverter Control
- Dual Fan Cooling
- Stabilizer Free
- Powerful Cooling at 60°C
- Long Cool Keeper
- Eco Thermo-Sensor
- Touch Screen Controller
- Tank Type Ice and Water Dispenser\*
- Automatic Ice Maker\*
- LED Light
- Separate Vegetable Compartment\*\*
- Nano Titanium Filter
- Tempered Glass Shelves
- No Frost

### Dimension

W920 x H1775 x D765 (mm)

### Color



# Big French Bottom Freezer

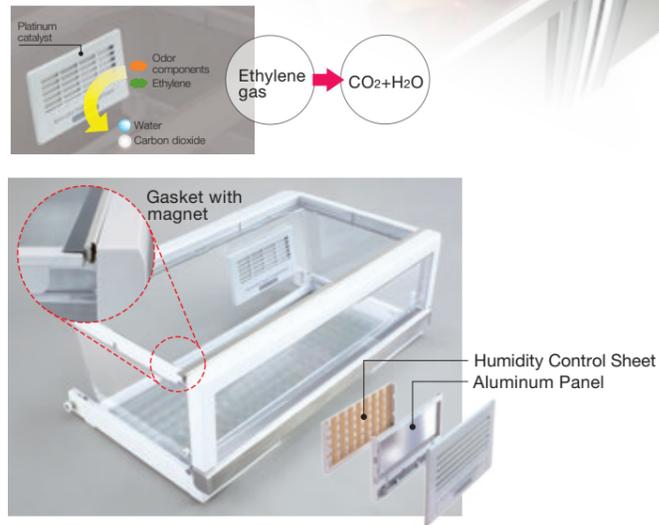
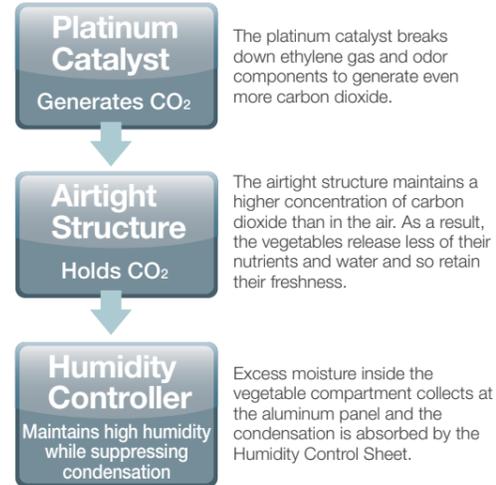
**It's Advanced. Get Japanese Technology.**

## Aero-care Vege Compartment

A platinum catalyst maintains a high concentration of carbon dioxide in the compartment. This large vegetable compartment keeps items fresher for longer.

## Optimum storage conditions keep vegetables fresh!

Vegetables continue to respire after being harvested but lowering the surrounding temperature and increasing the concentration of carbon dioxide slows down this respiration. These conditions help prevent vegetables from losing their freshness.

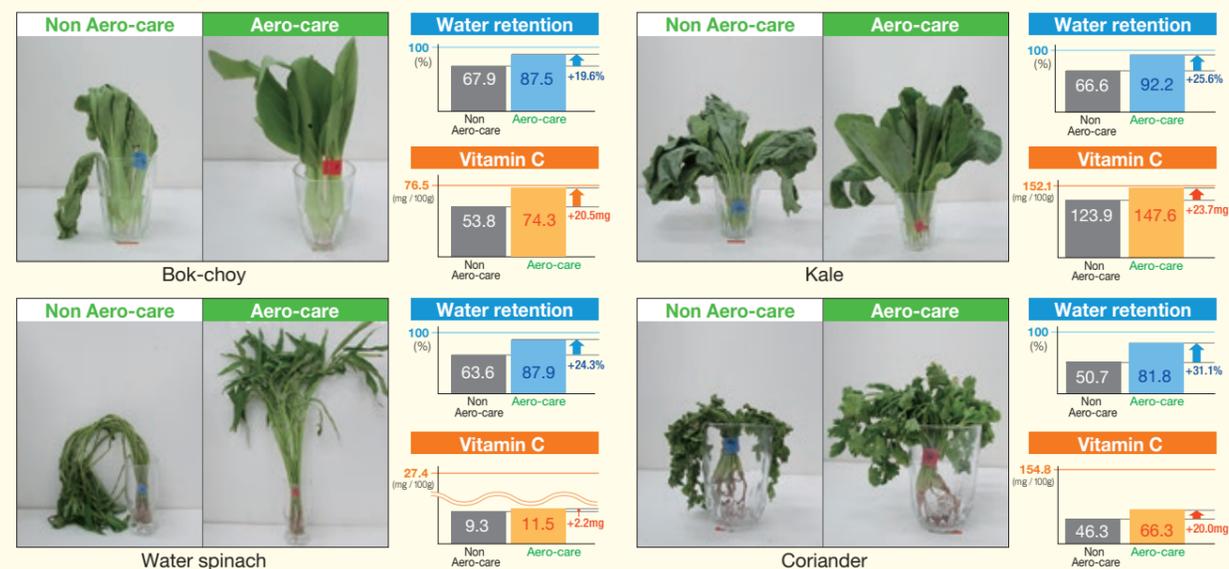


### Aero-care Vege Compartment Maintains the Freshness of Vegetables

As a result of joint research by Hokkaido University and Hitachi, a platinum catalyst is now used for the first time in a home refrigerator. Even at low temperatures, the catalyst increases the amount of carbon dioxide in the Aero-care Vege Compartment.  
Professor Atsushi Fukuoka, Catalysis Research Center, Hokkaido University

## Keeps vegetables fresh for seven days!

Comparison after 7 days of Aero-care and non Aero-care storage. \*Tested by Hitachi.



# The Big, Wide Refrigerator with an Easy-Access Compartment



\*Applicable to the R-WB800\_X and R-WB800

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.



\*Applicable to the R-WB800

### Easy to Access

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



## Open-Assist Handle



The open-assist handle enables opening with less effort by approx. 50%\* even when a lot of items are stored and the compartment is heavy.

\*Comparison of the effort required to pull out vegetables compartments with 12kg loads.

Conventional

32N

With open-assist handle

13N

Approx. 50% reduction

## Big French Bottom Freezer Inverter Series



### 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 Vege Compartment
- Open-Assist Handle
- Selectable Mode Compartment
- Double Layer Door Pockets
- Tank Type Water Dispenser\*
- Easy Twist Ice Maker
- Double Slide Case
- Tempered Glass Shelves
- Nano Titanium Filter

\* R-WB800\_X and R-WB730\_X

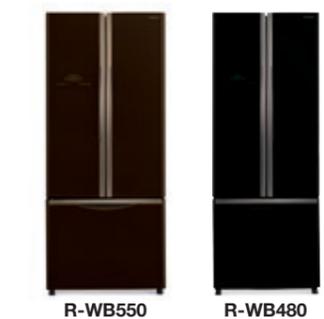
### Dimensions

R-WB850_X	W915 x H1835 x D808 (mm)
R-WB800_X	W860 x H1835 x D808 (mm)
R-WB850	W915 x H1835 x D808 (mm)
R-WB800	W860 x H1835 x D808 (mm)

### Color



## French Bottom Freezer Inverter Series



### Features

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

### Dimensions

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

### Color



# Stylish Bottom Freezer

## Freezer Compartment

### Hybrid Freezing

**Delicious Cooking Results**  
Thanks to the aluminum plate, items freeze rapidly. As well as retaining freshness, rapid freezing reduces drip during thawing, so flavor is also retained. It brings delicious cooking results!



Conventional: Large amount of drip 0.57g / 100g  
Hybrid Freezing: Minimal drip 0.24g / 100g

Tested by Hitachi.  
Comparison of the amount of drip released 4 hours after thawing from items frozen for 3 days.

Aluminum Plate

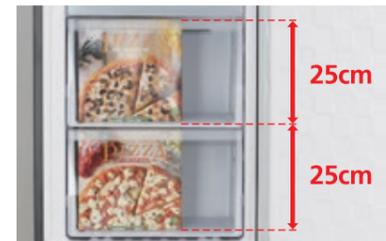
### Easy Access Case

**Efficient Storage**  
The top of the freezer compartment is open so that you can reach items directly.



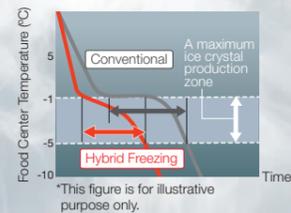
### Deep & Large Case

**Easy Storage of Big Items**  
Bigger-sized frozen foods or compartments can be easily stored in this specially designed deep & large freezer case.



### What's the advantage of Hybrid Freezing?

When meat and other food are frozen in the conventional way, water inside the cells freezes into large ice crystals which destroy the cell walls resulting in a large amount of drip when items are thawed. This is a major cause of loss of flavor. If food items rapidly pass through the temperature zone between -1°C and -5°C, ice crystals are kept small to minimize damage to cell walls and retain flavor.



## Bottom Freezer Inverter Deluxe Series



### Features

- Inverter Control
- Dual Fan Cooling
- Stabilizer Free
- Powerful Cooling at 60°C
- Long Cool Keeper
- Touch Screen Controller
- Hybrid Freezing
- Slide Shelf
- Selectable Mode Compartment
- Bottle & Wine Shelf
- LED Light
- Tempered Glass Shelves
- Nano Titanium Filter
- No Frost

### Dimension

W595 x H1900 x D650 (mm)

### Color



## Bottom Freezer Inverter Series



### Features

- Inverter Control
- Stabilizer Free
- Powerful Cooling at 60°C
- Long Cool Keeper
- Eco Thermo-Sensor
- Vege Compartment
- LED Light
- Tempered Glass Shelves
- Nano Titanium Filter
- No Frost

### Dimension

W595 x H1900 x D650 (mm)

### Color



## Big French Inverter Series



**10 YEAR WARRANTY**

**Features**

- Inverter Control
- Dual Fan Cooling
- Stabilizer Free
- Powerful Cooling at 60°C
- Long Cool Keeper
- Dual sensing Control (Eco Thermo-Sensor)
- Fresh Select (only R-W800 and R-W800F)
- Big, Moisture-Guard Vegetable Compartment
- Selectable Mode Compartment\*\*\*
- LED Light
- Nano Titanium
- Tempered Glass Shelves
- Movable Twist Ice Tray\*
- Automatic Ice Maker\*\*
- No Frost



**new**

**Dimensions**

R-W800F:	W910 x H1835 x D745 (mm)
R-W800:	W910 x H1835 x D745 (mm)
R-W660F:	W855 x H1835 x D737 (mm)
R-W660:	W855 x H1835 x D737 (mm)

**Color**



\*R-W800 and R-W660  
\*\* R-W800F and R-W660F  
\*\*\* R-W800F and R-W800

## Super Big2 Glass Door Inverter Series



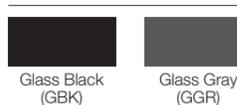
**Features**

- Inverter Control
- Dual Fan Cooling
- Stabilizer Free
- Powerful Cooling at 60°C
- Long Cool Keeper
- Eco Thermo-Sensor
- Selectable Mode Compartment
- Big, Moisture-Guard Vegetable Compartment
- Touch Screen Controller
- Movable Twist Ice Tray
- LED Light
- Nano Titanium Filter
- Tempered Glass Shelves
- Front Air Flow
- No Frost

**Dimensions**

R-VG900:	W910 x H1835 x D820 (mm)
R-VG800:	W910 x H1835 x D740 (mm)

**Color**



## Super Big2 Inverter Series

10 YEAR WARRANTY



R-V905



R-V800

Dimensions
R-V905: W910 x H1835 x D851 (mm)
R-V800: W910 x H1835 x D771 (mm)

### Color



### Features

- Inverter Control
- Dual Fan Cooling
- Stabilizer Free
- Powerful Cooling at 60°C
- Long Cool Keeper
- Eco Thermo-Sensor
- Selectable Mode Compartment
- Big, Moisture-Guard Vegetable Compartment
- LED Control Panel
- Movable Twist Ice Tray
- LED Light
- Nano Titanium Filter
- Tempered Glass Shelves
- Front Air Flow
- No Frost

## Big2 Glass Door Inverter Series

10 YEAR WARRANTY

new



R-VG700



R-VG650



R-VG600



Dimensions
R-VG700: W855 x H1835 x D740 (mm)
R-VG650: W855 x H1760 x D740 (mm)
R-VG600: W715 x H1835 x D740 (mm)

### Color



### Features

- Inverter Control
- Dual Fan Cooling
- Stabilizer Free
- Powerful Cooling at 60°C
- Long Cool Keeper
- Dual sensing Control (Eco Thermo-Sensor)
- Fresh Select
- Big, Moisture-Guard Vegetable Compartment
- Touch Screen Controller
- Movable Twist Ice Tray
- LED Light
- Nano Titanium Filter
- Tempered Glass Shelves
- No Frost

## Big2 Inverter Series

10 YEAR WARRANTY

new



R-V700



R-V650



R-V600

Dimensions
R-V700: W855 x H1835 x D740 (mm)
R-V650: W855 x H1760 x D740 (mm)
R-V600: W715 x H1835 x D740 (mm)

### Color



### Features

- Inverter Control
- Dual Fan Cooling
- Stabilizer Free
- Powerful Cooling at 60°C
- Long Cool Keeper
- Dual sensing Control (Eco Thermo-Sensor)
- Fresh Select
- Big, Moisture-Guard Vegetable Compartment
- Touch Screen Controller
- Movable Twist Ice Tray
- LED Light
- Nano Titanium Filter
- Tempered Glass Shelves
- No Frost

## Stylish Line Glass Door Inverter Series

10 YEAR WARRANTY

new



R-VG470



R-VG440



R-VG400

Dimensions
R-VG470: W680 x H1770 x D720 (mm)
R-VG400: W650 x H1695 x D720 (mm)
R-VG400: W650 x H1605 x D720 (mm)

### Color



### Features

- Inverter Control
- Dual Fan Cooling
- Stabilizer Free
- Powerful Cooling at 60°C
- Long Cool Keeper
- Dual Sensing Control (Eco Thermo-Sensor)
- Fresh Select
- Smart Control Dial
- Movable Twist Ice Tray
- LED Light
- Nano Titanium
- Tempered Glass Shelves
- Mold Proof Door Gasket
- No Frost
- Powerful Deodorization

## Stylish Line Inverter Series

10 YEAR WARRANTY

new



R-V470



R-V440



R-V400

Dimensions
R-V470: W680 x H1770 x D720 (mm)
R-V400: W650 x H1695 x D720 (mm)
R-V400: W650 x H1605 x D720 (mm)

### Color



### Features

- Inverter Control
- Dual Fan Cooling
- Stabilizer Free
- Powerful Cooling at 60°C
- Long Cool Keeper
- Dual Sensing Control (Eco Thermo-Sensor)
- Fresh Select
- Dual Sensing Control
- Smart Control Dial
- Movable Twist Ice Tray
- LED Light
- Nano Titanium
- Tempered Glass Shelves
- Mold Proof Door Gasket
- No Frost
- Powerful Deodorization

## Stylish Line Inverter Series

10 YEAR WARRANTY

new



R-H380



R-H360



R-H330



R-H290

Dimensions
R-H380: W600xH1672xD663 (mm)
R-H360: W600xH1552xD663 (mm)
R-H330: W540xH1585xD650 (mm)
R-H290: W540xH1460xD650 (mm)

### Color



### Features

- Inverter Control
- Dual Sensing Control (Eco Thermo-Sensor)
- Fresh Select
- Vegetable Compartment
- LED Light
- Tempered Glass Shelves
- Nano Titanium Filter
- Mold Proof Door Gasket
- No Frost

# Specifications

Series	Side-by-Side							
	Luxury Series	Mirror series		Glass series				
Model	R-M800AGP_X	R-M800GP_X	R-S800GP_X	R-M800GP	R-M800P	R-S800GP	R-S800P	
Dimensions (mm)	Width	920	920	920	920	920	920	
	Height	1795	1775	1775	1775	1775	1775	
	Depth with Handle	720	765	765	765	765	765	
Cooling System	Dual Fan Cooling	●	●	●	●	●	●	
Refrigerator Compartment	Water Tank with Filter	●	●	●	●	●	●	
	Bottle and Wine Shelf	●	●	●	●	●	●	
	Tempered Glass Shelves	●	●	●	●	●	●	
	Dairy Pocket	●	●	●	●	●	●	
	LED Light	●	●	●	●	●	●	
Vegetable Compartment	Super Moist Drawers	3	3	2	3	2	2	
	Separate Veg. Compartment	●	●	●	●	●	●	
	LED Light	●	●	●	●	●	●	
Freezer Compartment	Automatic Ice Maker	●	●	●	●	●	●	
	Movable Twist Ice Tray	●	●	●	●	●	●	
	Quick Freezing	●	●	●	●	●	●	
	Tempered Glass Shelves	●	●	●	●	●	●	
	Drawers	3	3	2	3	2	2	
	LED Light	●	●	●	●	●	●	
General Features	Ice and Water Dispenser	●	●	●	●	●	●	
	Inverter Control	●	●	●	●	●	●	
	VIP (Vacuum Insulation Panel)	●	●	●	●	●	●	
	Auto Door	●	●	●	●	●	●	
	ECO Monitoring sensor	●	●	●	●	●	●	
	ECO Thermo-Sensor	●	●	●	●	●	●	
	Touch Screen Controller	●	●	●	●	●	●	
	Door Alarm	●	●	●	●	●	●	
	Nano Titanium	●	●	●	●	●	●	
	Refrigerant	R-600a						
Color	Glass	DIA / MIR	MBW / MIR	GBK/GS				
	INOX	-						
	Other colors	-						

●: Option  
 ○: Specifications and designs are subject to change without notice.  
 ○: Color tone of actual products may differ from those shown in this catalog.

Series	French Bottom Freezer						Bottom Freezer			
	4 Door			3 Door			R-BG410_X	R-BG410	R-B410	
Model	R-WB850_X	R-WB800_X	R-WB850	R-WB800	R-WB550	R-WB480	R-BG410_X	R-BG410	R-B410	
Dimensions (mm)	Width	915	860	915	860	750	680	595	595	
	Height	1835	1835	1835	1835	1780	1780	1900	1900	
	Depth with Handle	808	808	808	808	797	797	650	650	
Cooling System	Dual Fan Cooling	●	●	●	●	●	●	-	-	
Refrigerator Compartment	Water Tank with Filter	●	●	●	●	●	●	-	-	
	Selectable Mode Compartment	●	●	●	●	●	●	-	-	
	Bottle and Wine Shelf	●	●	●	●	●	●	-	-	
	Tempered Glass Shelves	●	●	●	●	●	●	●	●	
	Double Layer Door Pocket	●	●	●	●	●	●	-	-	
	LED Light	●	●	●	●	●	●	●	●	
Vegetable Compartment	Aero-care Vege Compartment	●	●	●	●	●	●	-	-	
	Open Assist Handle	●	●	●	●	●	●	-	-	
	Smart-open Veg. Compartment	●	●	●	●	●	●	-	-	
Freezer Compartment	Easy Twist Ice Maker	●	●	●	●	●	●	●	●	
	Movable Twist Ice Tray	●	●	●	●	●	●	-	-	
	Ice tray / Ice Maker	●	●	●	●	●	●	Tray Bank	●	
	Quick Freezing	●	●	●	●	●	●	-	-	
	Hybrid Freezing	●	●	●	●	●	●	●	-	
	Double Slide Case	●	●	●	●	●	●	-	-	
General Features	Extra Wide Case	●	●	●	●	●	●	-	-	
	Slide Type Double Deck Drawer	●	●	●	●	●	●	-	-	
	Ice and Water Dispenser	●	●	●	●	●	●	-	-	
	Inverter Control	●	●	●	●	●	●	●	●	
General Features	VIP (Vacuum Insulation Panel)	●	●	●	●	●	●	-	-	
	ECO Thermo-Sensor	●	●	●	●	●	●	●	●	
	Touch Screen Controller	●	●	●	●	●	●	●	-	
	Door Alarm	●	●	●	●	●	●	●	-	
	Nano Titanium	●	●	●	●	●	●	●	●	
	Refrigerant	R-600a								
Color	Glass	XGR / GBK			GBK / GBW / GS / GGR/GPW			XGR/GBK/GS/GPW/GBE	GBK/GS/GPW/GBE	-
	INOX	-							INOX	
	Other colors	-							SLS/PWH	

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Series		Big French				Super Big2			
						Glass Series		Standard Series	
Model		R-W800F	R-W800	R-W660F	R-W660	R-VG900	R-VG800	R-V905	R-V800
Dimensions (mm)	Width	910	910	855	855	910	910	910	910
	Height	1835	1835	1835	1835	1835	1835	1835	1835
	Depth with Handle	745	745	737	737	820	740	851	771
Cooling System	Dual Fan Cooling	●	●	●	●	●	●	●	●
	Refrigerator Compartment	Front Air Flow	●	●	-	-	●	●	●
	Selectable Mode Compartment	●	●	-	-	●	●	●	●
	Fresh Select Compartment	-	-	●	●	-	-	-	-
	Tempered Glass Shelves	●	●	●	●	●	●	●	●
	Adjustable shelves	●	●	●	●	●	●	●	●
	LED Light	●	●	●	●	●	●	●	●
Vegetable Compartment	Big, Moisture-Guard Vegetable Compartment	●	●	●	●	●	●	●	●
Freezer Compartment	Automatic Ice Maker	●	-	●	-	-	-	-	-
	Movable Twist Ice Tray	-	●	-	●	●	●	●	●
	Quick Freezing	●	●	●	●	●	●	●	●
	Tempered Glass Shelf	●	●	●	●	●	●	●	●
	LED Light	●	●	●	●	●	●	●	●
Other Features	Inverter Control	●	●	●	●	●	●	●	●
	Electronic Control	●	●	●	●	●	●	●	●
	Dual Sensing Control (Eco Thermo-Sensor)	●	●	●	●	●	●	●	●
	Touch Screen Controller	-	-	●	●	-	-	-	-
	Control Panel (Door)	●	● (Digital)	-	-	●	●	●	●
	Energy Saving Mode	-	-	●	●	●	●	●	●
	Door Aram	●	●	●	●	●	●	●	●
	Water Dispenser	●	●	●	●	-	-	-	-
	Nano Titanium	●	●	●	●	●	●	●	●
	Lock and Key	-	-	-	-	●	●	●	●
	Refrigerant	R-600a							
Color	Glass	GBK/GGR/GBW		GBK/GGR/GBW/GBE/GPW		GBK/GGR		-	
	Brilliant Color	-		-		-		BSL/BBK	
	INOX	INX		-		-		-	
	Other Color	-		-		-		SLS/TWH	

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Series		Big2					
		Glass Series			Standard Series		
Model		R-VG700	R-VG650	R-VG600	R-V760	R-V650	R-V600
Dimensions (mm)	Width	855	855	715	855	855	715
	Height	1835	1760	1835	1835	1760	1835
	Depth with Handle	740	740	740	740	740	740
Cooling System	Dual Fan Cooling	●	●	●	●	●	●
	Refrigerator Compartment	Fresh Select Compartment	●	●	●	●	●
	Tempered Glass Shelves	●	●	●	●	●	●
	Adjustable shelves	●	●	●	●	●	●
	LED Light	●	●	●	●	●	●
Vegetable Compartment	Big, Moisture-Guard Vegetable Compartment	●	●	●	●	●	●
Freezer Compartment	Movable Twist Ice Tray	●	●	●	●	●	●
	Quick Freezing	●	●	●	●	●	●
	Tempered Glass Shelf	●	●	●	●	●	●
	LED Light	●	●	●	●	●	●
	Other Features	Inverter Control	●	●	●	●	●
	Electronic Control	●	●	●	●	●	●
	Dual Sensing Control (Eco Thermo-Sensor)	●	●	●	●	●	●
	Touch Screen Controller	●	●	●	●	●	●
	Energy Saving Mode	●	●	●	●	●	●
	Door Aram	●	●	●	●	●	●
	Nano Titanium	●	●	●	●	●	●
	Refrigerant	R-600a					
Color	Glass	GBK/GGR/GPW			-		
	Brilliant Color	-			BSL/BBK		
	INOX	-			-		
	Other Color	-			PWH/TWH/BEG		

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# WASHING MACHINE

Series		New Stylish Line					
		Glass series			Standard Series		
Model		R-VG470	R-VG440	R-VG400	R-V470	R-V440	R-V400
Dimensions (mm)	Width	680	650	650	680	650	650
	Height	1770	1695	1605	1770	1695	1605
	Depth (with Handle)	720	720	720	720	720	720
Cooling System	Dual Fan Cooling	●	●	●	●	●	●
Refrigerator Compartment	Fresh Select	●	●	●	●	●	●
	Tempered Glass Shelves	●	●	●	●	●	●
	LED Light	●	●	●	●	●	●
Vegetable Compartment		●	●	●	●	●	●
Freezer Compartment	Movable Twist Ice Tray	●	●	●	●	●	●
	Tempered Glass Shelf	●	●	●	●	●	●
General Features	Inverter Control	●	●	●	●	●	●
	Electronic Control	●	●	●	●	●	●
	Dual Sensing Control (Eco Thermo-Sensor)	●	●	●	●	●	●
	Smart Control Dial	●	●	●	●	●	●
	Powerful Deodorization	●	●	●	●	●	●
	Lock and Key	-	-	-	●	●	●
	Refrigerant	R-600a					
Color	Glass	GBK / GBW / GGR / GPW			-		
	Brilliant Color	-			BSL / BBK		
	Other Color	-			PWH		

Series		New Stylish Line			
		Standard Series			
Model		R-H380	R-H360	R-H330	R-H290
Dimensions (mm)	Width	600	600	540	540
	Height	1672	1552	1585	1460
	Depth with Handle	663	663	650	650
Cooling System	Dual Sensing Control	●	●	●	●
Refrigerator Compartment	Fresh Select	●	●	●	●
	Tempered Glass Shelves	●	●	●	●
	Adjustable shelves	●	●	●	●
	LED Light	●	●	●	●
	Vegetable Compartment	●	●	●	●
Freezer Compartment	Movable Twist Ice Tray	●	●	●	●
	Ice Tray & Ice Box	●	●	●	●
	Tempered Glass Shelf	●	●	●	●
General Features	Inverter Control	●	●	●	●
	Electronic Control	●	●	●	●
	Eco Thermo-Sensor	●	●	●	●
	Smart Control Dial	-	-	-	-
	Rear Temp Control Dial	●	●	●	●
	Nano Titanium	●	●	●	●
	Lock and Key	●	●	●	●
	Refrigerant	R-600a			
Color	Glass	-			
	Brilliant Color	BSL/BBK			
	INOX	-			
	Other Color	PWH			

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## Front Loading

**POWERED INVERTER**

World top class energy savings, water savings with quick washing.

## Energy Savings



## Water Savings

**5.4L/kg** \*BD-80XAV  
Water Consumption\*

**Quick Washing**  
**45 min / 15 min**  
 Programs Available

## Intelligent Sensor Systems

The Intelligent Sensor Systems detect load size and fabric type to determine both appropriate washing time and amount of water to use. The result is outstanding washing performance with no wasted energy or water.

**Load Sensor**

**Foam Detection Sensor**

**Revolution Sensor**

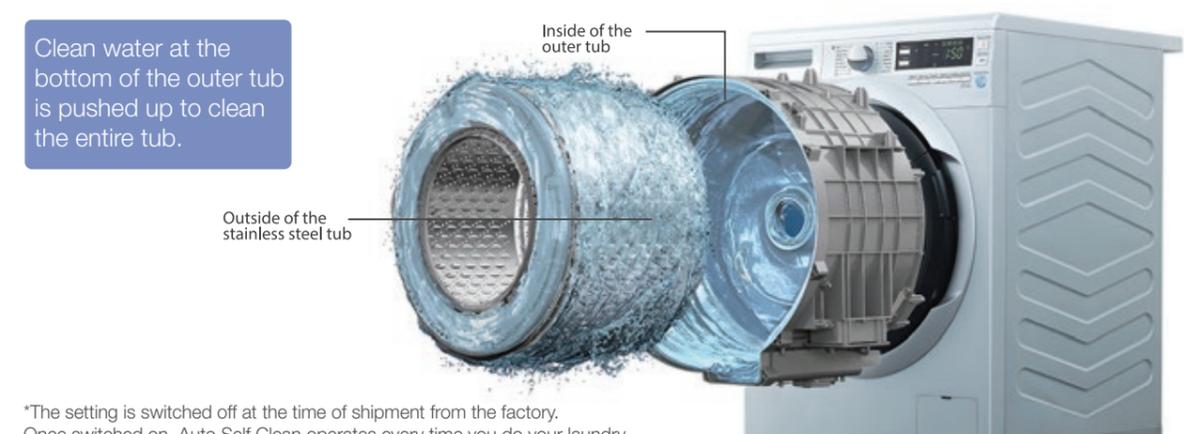
**Water Temperature Sensor**

**3D Vibration Sensor**  
\*Applies to the BD-90XAV, 80XAV, 90YAV and 80YAV.

**Water Level Sensor**

## Auto Self Clean – The Tub Stain Fighter

Stop dirt from building up – when you do your laundry, switch the Auto Self Clean setting on\* and after rinsing, it automatically starts operating before the final spin.



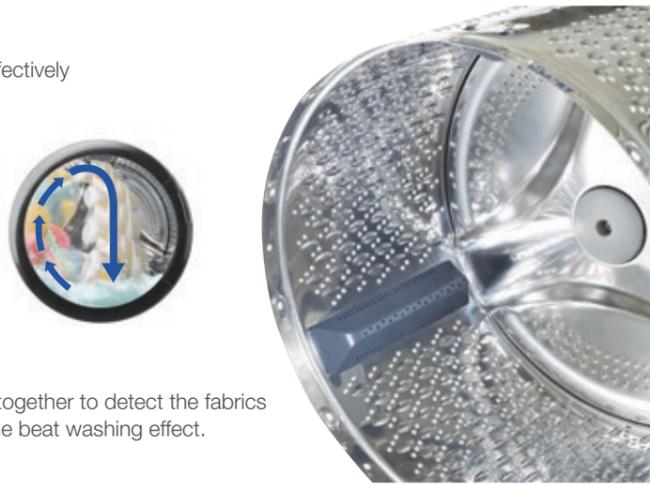
\*The setting is switched off at the time of shipment from the factory. Once switched on, Auto Self Clean operates every time you do your laundry.

## Big Drum 510

The bigger the diameter of a front loading washer drum, the more effectively dirt in fibers is removed.

### Powerful Beat Washing

Clothes are lifted up to the top of the large 510mm diameter drum and dropped down to provide a powerful beat washing effect. The beading pattern on the drum also provides a washboard effect to thoroughly clean clothes.



### 3D Sensor Control Wash

The 3D Vibration Sensor, Load Sensor and Revolution Sensor work together to detect the fabrics type and wash load, and control drum rotation speed to maximize the beat washing effect.

\*Applies to the BD-90XAV, 80XAV, 90YAV and 80YAV.

### DVCS Dual Vibration Control System

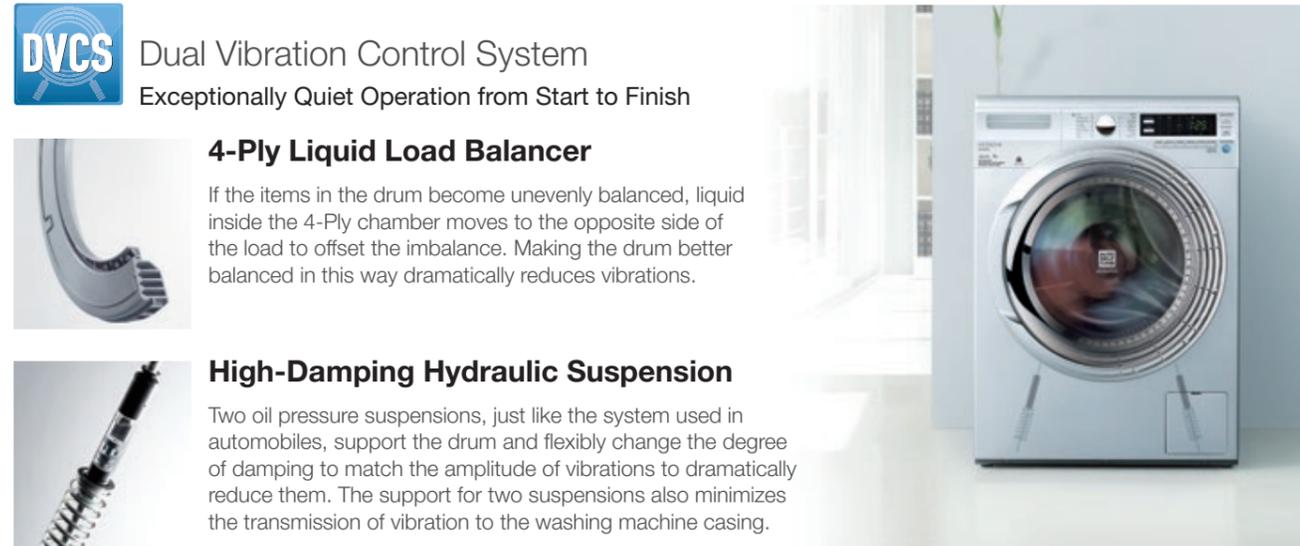
Exceptionally Quiet Operation from Start to Finish

#### 4-Ply Liquid Load Balancer

If the items in the drum become unevenly balanced, liquid inside the 4-Ply chamber moves to the opposite side of the load to offset the imbalance. Making the drum better balanced in this way dramatically reduces vibrations.

#### High-Damping Hydraulic Suspension

Two oil pressure suspensions, just like the system used in automobiles, support the drum and flexibly change the degree of damping to match the amplitude of vibrations to dramatically reduce them. The support for two suspensions also minimizes the transmission of vibration to the washing machine casing.



## Line up/Big Drum 510

### 9kg / 8kg 1400r/min, 1200r/min, 1000r/min



BD-90XAV 9.0kg  
BD-80XAV 8.0kg  
(Metallic Gray)

(White)

#### Features

- Powered Inverter
- Auto Self Clean
- Big Drum 510
- Dual Vibration Control System
- Intelligent Sensor Systems
- 3D Sensor Control Wash\*
- LED Multi Function Display
- Self Correction System
- 180° Open Door
- Heat Protective Cover\*\*
- Auto Power Off
- Standby Power Zero W
- Fully Auto Restart
- 16 Programs
- 9 Optional menus
- Special Programs Mix 45 / 60\*\*\*Duvet / Allergy Care / Crease Care
- Memory Option

\*BD-90/80XAV/BD90/80YAV  
\*\*BD-90/80XAV  
\*\*\*BD-W90/80AV



### 8.5kg / 7.5kg 1200r/min



(White)

#### Features

- Auto Self Clean
- Big Drum 510
- Dual Vibration Control System
- LED Multi Function Display
- Self Correction System
- 180° Open Door
- Auto Power Off
- Standby Power Zero W
- Semi Auto Restart
- 16 Programs
- 9 Optional menus
- Special Programs Mix / Daily 45 / Duvet / Allergy Care / Crease Care
- Memory Option



## Top Loading

## POWERED INVERTER



Clean Inside

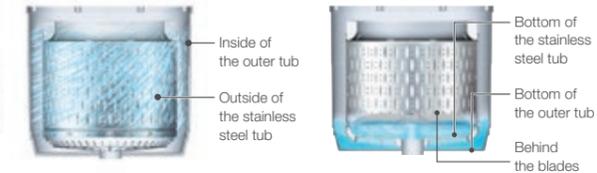
### Auto Self Clean – The Tub Stain Fighter

Every time you do your laundry, the washing machine automatically cleans itself! So that you can rely washing in a clean tub.

### Allergy UK Approved 99% Mold & Bacteria Reduction

• Tested by Kitasato Research Center for Environmental Science  
• Test methods: Measurement of the rate of decrease of bacteria on plates attached to the outer tub and the stainless steel tub when using the Auto Self Clean function.  
• Measurement of the rate of decrease of mold spores on culture plates attached to the outer tub and the stainless steel tub when using the Auto Self Clean Function.

A shower of clean water cleans both the tubs as the stainless steel tub rotates at high speed and the blades and tub rotate to powerfully agitate water in the stainless steel tub and clean off dirt.



These places easily get dirty!



\*Hitachi washer-dryer (made in Japan). The level of dirt differs depending on conditions of use.



### Tub Clean & Tub Dry Programs – More ways to keep the tub clean

Regularly using two programs together with Auto Self Clean keeps the tub clean.

Surprisingly White

### Showers and Step Washing

Powerful showers fall on the whole surface of clothes to ensure good removal of dirt and stains for a clean, fresh finish.

### Various Powerful Showers

As well as agitating clothes with a pulsator, Hitachi washing machines clean them even more thoroughly with powerful showers that move items vertically and horizontally for a multi-directional washing effect.

### 4-Step Wash

By changing the water level in four stages, this maximizes cleaning power. During the first stage with the lowest water level, detergent is turned into a highly concentrated detergent liquid that penetrates deep into fibers to effectively remove even stubborn stains.

Exceptionally Clean Results!



\*Pictures of the Dynamic-Stream Wash Series.



### 4-Button Control – Intuitively Laid Out Button Control

Hitachi washing machines are so smart they automatically choose the best way to wash each load of clothes. All the advanced technology is consolidated into just 4 buttons. So all you do is press start.



### 4-Button Control

Intuitively laid out button control for easy operation



### Water Power

Simply pressing the Water Power button lets you change water flow in 5 steps from Powerful (2) for hard, thick items to Soft (-2) for soft, delicate items.



### Shower Plus

You can add water as desired during a wash while looking through the glass to check. Simply press the Shower Plus button once, and the water level increases by one.

### Fine Adjustment Settings

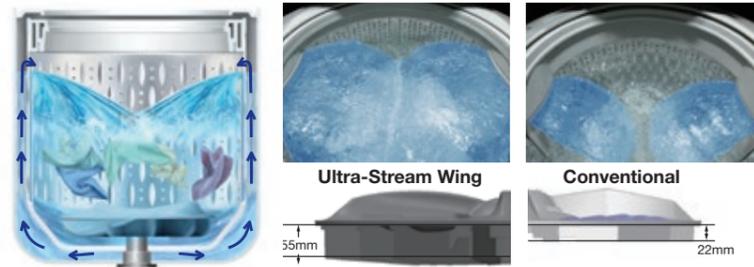
Just press the up/down buttons until the water level, wash time, number of rinses and spin time settings are as desired.



# Ultra-Stream Wash Series

Large-volume, circulating shower thoroughly washes with the power of water

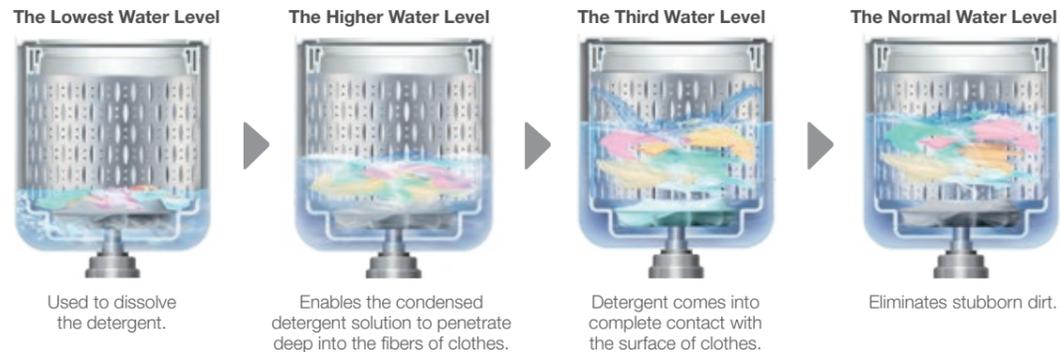
## Ultra-Stream Shower



With Ultra-Stream Wash, the large blades on the surface of the pulsator powerfully agitate the laundry ensuring detergent-rich water penetrates into clothes. At the same time, the deeper fins on the reverse side of the pulsator strongly push 70L/min of water upward from the bottom of the tub, producing powerful water circulation that thoroughly removes dirt while reducing water consumption.

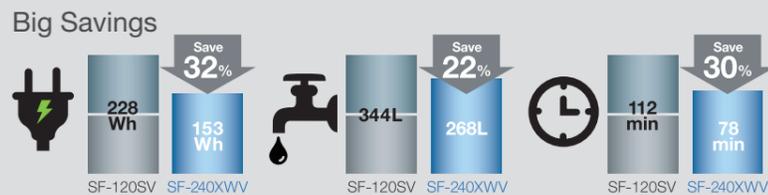
## 4-Step Wash

Concentrated detergent solution penetrates deep into fabrics to wash away even stubborn dirt and stains.



## Large Capacity 24kg

The capacity to handle loads up to 24kg means you can easily wash large, thick items you couldn't wash at home before such as curtains and bedding. And because you can wash about 120 shirts at once, for example, you won't have to do the laundry so often, even if your family has a lot that needs washing. The tub's also 616mm wide, so it's easy to put in and take out items.



\* Comparison of washing two 12kg loads in the 12kg capacity SF-120SV and a single 24kg load in the 24kg capacity SF-240XWV.

# Sparkle Beat Wash Series

Washboard effect removes stubborn dirt



## Beat Shower

With powerful showers from two outlets in the drum, the Beat Blade circulates water and agitates clothes to prevent tangling and assures thorough washing and rinsing.

## Beat Drum

Generates a vertical water flow that, even with a full load, efficiently moves clothes up and down for a thorough washing. And thanks to larger holes at the top of the tub, spin-drying is faster and more efficient.

## Beat Blade

Creates multiple water flow. Four large blades generate water flow in the rotation direction while small, wave-shaped blades of different height move water up and down. Water flow in the rotation direction is also accelerated to further assure powerful washing.

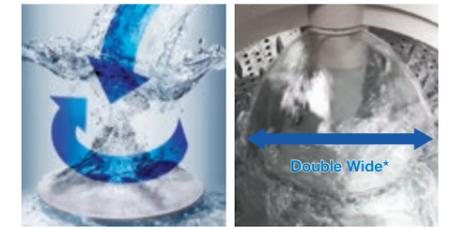
# Dynamic-Stream Wash Series

Powerful washing with deep detergent performance removes dirt without damaging clothes

## Dynamic Wide Shower

Efficient circulation of a large volume of water effectively removes dirt and stains from broad in fibers without damaging fabrics.

\* Comparison of SF-100XAV and SF-105SS



## 4-Step Penetration Wash

Maximizes cleaning power for powerful, deep detergent performance.



# Compact Wash Series

## 2-Step Wash

Makes it easier to remove the dirt without damaging fabrics.



## Fragrance Program



This program informs you of when you can add the softener during rinsing cycle\*, so that the fragrance remains on the clothes more and the finish is softer.

\* Softener needs to be added manually. The timing differs depending on the program settings.

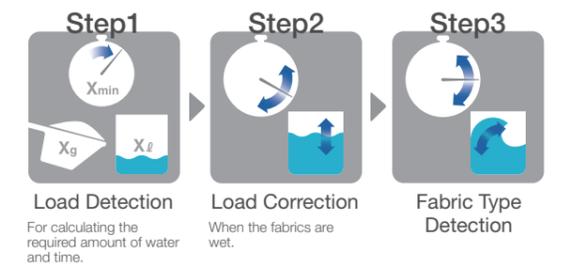
# Other Top Loading Features

## 3-Step Eco Sensor



Laundry amount and fabric type are detected in three steps to enable setting of the optimum washing conditions. The result is precise sensing to assure there's no wasted time, electricity or water.

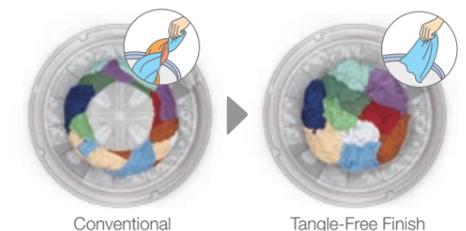
\* Applies to the inverter models only.



## Tangle-Free Finish



When the spin cycle ends, the pulsator repeatedly moves clockwise and counterclockwise, first making items fall of the tub wall and thus untangling them. This unique Hitachi feature makes it much easier to take clothes out of the tub. And minimal tangling means few wrinkles on clothes.



# Eco Functions

## Water Save Program

There's also a program offering even higher water-saving performance. Using the Water Save Program when you want to quickly wash lightly soiled items saves 42%\*1 more water than the Fuzzy Program\*2!

\*1 Tested by Hitachi. (SF-90XA) \*2 The Fuzzy Program is a standard program.

## Eco Button

\*Applies to the SF-130SS / 120SS, SF-130LJS / 120LJS, SF-130LJ / 120LJ, SF-105SS, SD-90XA / 80XA, SF-90P / 80P

● Energy Save

● Small Load



Eco

### Energy Save Mode

Repeated brief agitation and brief soaking boosts detergent cleaning power while reducing the mechanical force required. So in the Energy Save Mode of the Fuzzy Program, dirt is thoroughly removed with less energy.

**34% Energy Saving**

\*Comparison : The Fuzzy Program's standard and Energy Save modes.

\*The Fuzzy Program is a standard program.

### Small Load Mode

Washing small loads in this mode uses less water than the minimum amount used for the standard mode. It's ideal for giving underwear and other small items a quick wash. And you use less detergent, so it's economical.

**44% Water Saving**

\*Comparison : Lowest water level of the Fuzzy Program's standard and Small Load modes.

\*The Fuzzy Program is a standard program.

## Intelligent Spin – for Optimum Spin-Drying of Any Type of Fabric\*



### Variable Spin Control

Just like a front-loading type, spin-dry speed can be changed in this washing machine. Select a course, and a spin time and spin speed of 400, 600 or 800rpm are set depending on the items being washed. You can also change the spin time and speed as desired to match different types of fabrics.



**400rpm**  
Gentle spin-drying for lingerie and clothes made of delicate fabrics that easily stretch and lose their shape.



**600rpm**  
Providing a soft finish, this is the ideal spin-dry speed for shirts, woolens and items that wrinkle easily.



**800rpm**  
Quickly and thoroughly spin-dries hard-to-dry items made of tougher fabrics such as jeans and blankets.

\* Applicable models for 130SS/120SS/130LJS/120LJS/105SS only

## Air Jet Dry\*



Fresh air drawn into spin basket creates a powerful, high-speed vortex. It evaporates moisture far more efficiently than regular spin cycles.

\* Applicable models for 130SS/120SS/130LJS/120LJS/130LJ/120LJ/105SS only

## Fully Auto Restart



In the event of a power cutoff, the phase of the laundry cycle (wash/rinse/spin) is remembered. When power is restored, it automatically restarts from the beginning of the last phase.

## Tempered Glass Lid



As well as giving a clear view inside the tub, it makes it easy to clean off detergent, water and dirt with a quick wipe.

## Line up / Powered Inverter (Ultra-Stream Wash)

24 kg / 20 kg / 18 kg \*

SF-240XWV



Silver



Champagne

White

SF-200XWV



Silver



Champagne

White

SF-180XWV



Silver



White

POWERED INVERTER

AUTO SELF CLEAN



### Features

- Auto Self Clean
- 3-Step Eco Sensor
- Water Power Control
- Shower Plus
- Memory Option (24 kg/20 kg without PUMP models only)
- Tangle-Free Finish
- 11 Washing Programs
- Delay Timer
- Auto Restart
- Auto Power Off

\* PUMP model also available

## Lineup / Powered Inverter (Sparkle Beat Wash)

16 kg / 15 kg / 14 kg / 13 kg \*

SF-160XWV  
SF-150XWV  
SF-140XWV  
SF-130XWV  
(Silver)



SF-160XWV  
SF-140XWV  
(Champagne)

SF-160XWV  
SF-150XWV  
SF-140XWV  
SF-130XWV  
(White)



POWERED INVERTER

AUTO SELF CLEAN



### Features

- Auto Self Clean
- 3-Step Eco Sensor
- Water Power Control
- Shower Plus
- Memory Option (16 kg/14 kg without PUMP models only)
- Tangle-Free Finish
- 11 Washing Programs
- Delay Timer
- Auto Restart
- Auto Power Off

\* PUMP model also available

## Lineup / Powered Inverter (Dynamic-Stream Wash)

14 kg / 13 kg / 12 kg / 11 kg / 10 kg \*

SF-140XAV  
SF-130XAV  
(Metallic Silver)



SF-120XAV  
SF-110XAV  
SF-100XAV  
(White)



POWERED INVERTER

AUTO SELF CLEAN



### Features

- Auto Self Clean
- 3-Step Eco Sensor
- Water Power Control
- Shower Plus
- Tangle-Free Finish
- 9 Washing Programs
- Tub Clean Program
- Tub Dry Program
- Delay Timer
- Fully Auto Restart
- Auto Power Off

\*PUMP Models also available

## Lineup / Standard Type with Hot Water Inlet (Dynamic-Stream Wash)

13kg / 12kg / 10kg



SF-H130XA  
(White)



SF-H100XA  
SF-H120XA  
(Cool Gray)



### Features

- Auto Self Clean
- Water Power Control
- Shower Plus
- Tangle-Free Finish
- 9 Washing Programs
- Tub Clean Program
- Delay Timer
- Fully Auto Restart
- Auto Power Off

## Lineup / Standard Type (Dynamic-Stream Wash)

14kg / 13kg / 12kg / 11kg / 10kg \*



SF-140XA  
SF-130XA  
(White)



SF-120XA  
SF-110XA  
SF-100XA  
(Gray)



### Features

- Auto Self Clean
- Water Power Control
- Shower Plus
- Tangle-Free Finish
- 9 Washing Programs
- Tub Clean Program
- Tub Dry Program
- Delay Timer
- Fully Auto Restart
- Auto Power Off

\*PUMP Models also available

## Lineup / Beat Wave Wash

9kg / 8kg



SF-90XA  
SF-80XA  
(White)



SF-90P  
SF-80P  
(Cool Gray/Emerald)

### Features

- Active Beat Lifter
- Tangle-Free Finish
- Water Save Program
- Intelligent Eco Sensor
- Spin Shower Rinse
- Beat Eco Rinse
- Full Auto Restart

\*PUMP Models also available

## Lineup / Compact

8kg / 7.5kg



SF-80XB  
SF-75XB  
(White)

### Features

- 2-Step Wash
- Eco Program
- Tangle-Free Finish
- Fragrance Free
- Tempered Glass Lid
- Fully Auto Restart

\*PUMP Models also available

\*\* Models available in the market are depending on country.

## Twin Tub

### Ultra Big Series

#### Air Jet Dry

Fresh air drawn into spin basket creates a powerful, high-speed vortex. It evaporates moisture far more efficiently than regular spin cycles.



#### Collars & Cuffs Wash Board

Stubborn Dirt on Collars and Cuffs can be prewashed easily.



#### Beat Blade Pulsator

The large blades generates a strong water flow that agitates clothes, while the small blades creates smaller water flow of different strength. The combination of these water flows let clothes move around more efficiently.



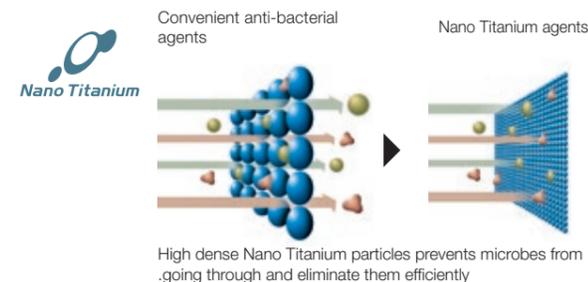
### Air Jet Dry Series

#### Air Jet Dry with Nano Titanium Filter

Fresh air drawn into spin basket go through Nano Titanium Filter and creates a powerful, high-speed vortex. It evaporates moisture far more efficiently than regular spin cycles.

#### What is Nano Titanium?

Nano Titanium is cutting-edge technology that uses a TiO<sub>2</sub> catalyst to provide a powerful anti-bacterial and deodorizing effect. Nano Titanium particles are incredible small – about 5nm. The filter is packed with these minute particles to firmly catch and resolve odors.



#### Dust Cover

Keeps dust and water away from the control panel.



#### Liquid Balancer

Keeps noise from washing cycles to a minimum by surrounding the wash basket with liquid for more balanced rotation.



#### Turbo Dry

Revolutionary fast spin speed dries clothes faster. Air Jet Dry series have 1,450rpm. Super Fast Spin-Dry series have 1,800rpm

## Lineup / Ultra Big

17kg \*



PS-1700WJ  
(Dark Brown)

16kg \*



PS-1605SJ  
(White)



PS-1605SJ  
(Dark Gray)

### Features

- Extra Large Capacity
- High Speed Dry Spin

- Collars & Cuffs Washboard
- Durable & Rust Free

- User-Friendly Design

\* PUMP Models also available

## Lineup / Ultra Big

14 kg



PS-1405SJ  
(White)



PS-1405SJ  
(Dark Gray)

13 kg



PS-1305SJ  
(White)

### Features

- Extra Large Capacity
- High Speed Dry Spin
- Collars & Cuffs Washboard
- Durable & Rust Free
- User -Friendly Design

## Lineup / Air Jet Dry

10.5kg / 8kg / 7 kg



PS-1100KJ  
PS-995KJ  
PS-985KJ  
(White)



PS-1100KJ  
PS-995KJ  
PS-985KJ  
(Cool Gray)



PS-1100KJ  
PS-995KJ  
PS-985KJ  
(Beige)



PS-975GJ  
(White)



PS-975GJ  
(Cool Gray)



PS-975GJ  
(Beige)

### Features

- Air Jet Dry with Nano Titanium
- Fast Spin-Dry Speed 1,450rpm
- Dust Cover
- Soak Timer
- 2-Way Wash Action
- \* PUMP Models also available

9kg / 8kg / 7 kg \*



PS-1000BJ  
PS-998BJ  
PS-997BJ  
(White)



PS-1000BJ  
PS-998BJ  
PS-997BJ  
(Cool Gray)

### Features

- Air Jet Dry
- Collar & Cuffs Washboard
- Soak Timer
- 2-Way Wash Action
- \* PUMP Models also available

## High Speed Drying

10.5kg



PS-1055K  
(White/Cool Gray/Beige)



### Features

- Fast Spin-Dry Speed 1,440rpm
- Dust Cover
- Soak Timer
- 2-way Wash Action



## Scrub Beat Wash

5 kg



PS-500A  
(White)

### Features

- Air Jet Dry
- 4 Programs
- Soak Timer

## Specifications

### Front Loading Washer

	BD-90XAV / BD-80XAV	BD-90YAV / BD-80YAV	BD-W90AV / BD-W80AV	BD-W85AAE / BD-W75AAE
Washing Capacity (kg)	9/8	9/8	9/8	8.5/7.5
Inverter control	●	●	●	-
Max.Spin Speed (r/min)	1400	1200	1000	1200
Variable Spin Control	● (5 steps)	● (5 steps)	● (5 steps)	● (5 steps)
Auto Self Clean	●	●	●	●
Allergy UK Approval	●	●	●	●
Washing Temperature	Max. 90°C	Max. 90°C	Max. 90°C	Max. 90°C
Drum Diameter (mm)	510	510	510	510
3D Sensor Control Wash	●	●	-	-
Anti-Bacterial Shower Lifter	●	●	●	●
Anti-Bacterial Gasket	●	●	●	●
Dual Vibration Control System	4-Ply Liquid Load Balancer Hydraulic Suspensions	●	●	●
Anti-Vibration Sidewalls	●	●	●	●
Intelligent Sensor	3D Vibration Sensor	●	-	-
Systems	Revolution Sensor Load Sensor Water Temperature Sensor Water Level Sensor Foam Detection Sensor	●	●	●
No Spin	●	●	●	●
Rinse Hold	●	●	●	●
Selectable Water Temperature	● (Cold, 30-90°C)	● (Cold, 30-90°C)	● (Cold, 30-90°C)	● (Cold, 30-90°C)
No. of Washing Programs	16	16	16	16
Washing Programs	Cotton Mix Daily 45 Rapid 15 Synthetic Delicate Outdoor Duvet Crease Care Cotton Eco Wool (Woolmark Approved) Allergy Care (Allergy UK Approved) Tub Clean Rinse & Spin Spin Drain	Cotton Mix Daily 45 Rapid 15 Synthetic Delicate Outdoor Duvet Crease Care Cotton Eco Wool (Woolmark Approved) Allergy Care (Allergy UK Approved) Tub Clean Rinse & Spin Spin Drain	Cotton Mix Daily 60 Rapid 15 Synthetic Delicate Outdoor Duvet Crease Care Cotton Eco Wool (Woolmark Approved) Allergy Care (Allergy UK Approved) Tub Clean Rinse & Spin Spin Drain	Cotton Mix Daily 45 Rapid 15 Synthetic Delicate Outdoor Duvet Crease Care Cotton Eco Wool (Woolmark Approved) Allergy Care (Allergy UK Approved) Tub Clean Rinse & Spin Spin Drain
Optional Menus	Intensive Prewash Extra Rinse Rinse Hold Memory Auto Self Clean Timer	●	●	●
Self Correction System	●	●	●	●
Program Selector	Jog Dial	Jog Dial	Jog Dial	Jog Dial
Display	LED (Green)	LED (Orange)	LED (Orange)	LED (Orange)
Auto Power Off	●	●	●	●
Standby Power Zero W	●	●	●	●
Fully Auto Restart	●	●	●	●
Child Lock	●	●	●	●
Heat Protective Cover	●	-	-	-
180° Open Door	●	●	●	●
Removable Worktop for Under-Counter Installation	●	●	●	●
Timer Setting	Up to 24hr	Up to 24hr	Up to 24hr	Up to 24hr
Energy Consumption (kWh/Cycle)	0.74	0.86	0.74	0.98
Water Consumption (L/Cycle)	44	44	42	41
Energy Class (EU Standard)	A+++ (-25%)	A+++ (-13%)	A+++ (-25%)	A++
Spin Class (EU Standard)	A	B	B	B
Dimensions (mm)	600x850x624/ 600x850x584	600x850x624/600x850x584	600x850x624/600x850x584	600x850x624/600x850x584
Weight (Net/Gross, kg)	63 / 67;61/ 65	63 / 67	63 / 67	67 / 71
Color	Metalic Gray/Champagne/Black/White	White	White	White

## Top Loading Washer

Series	Ultra-Stream Wash Series			Sparkle Beat Wash Series					
	SF-240XWV	SF-200XWV	SF-180XWV	SF-160XWV	SF-150XWV	SF-140XWV	SF-130XWV	SF-140XAV/ SF-130XAV	SF-120XAV/ SF-110XAV/ SF-100XAV
Model									
Washing Capacity (kg)	24	20	18	16	15	14	13	14/13	12/11/10
Inverter Control	●	●	●	●	●	●	●	●	●
Washing Function	Washing Process								
	4-Step Wash						4-Step Penetration Wash		
	Ultra-Stream Shower			Sparkle Beat Shower			Dynamic Wide Shower		
Spin Function	3-step Eco sensor								
	●	●	●	●	●	●	●	●	●
Useful Function	Max. Spin Speed (r/min)								
	700	700	700	800	800	800	800	750	750
Clean Function	Tangle-Free Finish								
	●	●	●	●	●	●	●	●	●
Washing program	4-Button Control (Shower Plus & Water Power)								
	●	●	●	●	●	●	●	●	●
Structure	Eco Button								
	-	-	-	-	-	-	-	-	-
Auto Restart	Memory								
	●	●	-	●	-	●	-	-	-
Auto Power Off	Delay Timer								
	●	●	●	●	●	●	●	●	●
Sensor Lock Safety System	No. of Programs								
	11	11	11	11	11	11	11	11	11
Dimension W x H x D	Memory Option								
	●	●	-	●	-	●	-	-	-
Body Color	Auto self clean (Allergy UK Approved)								
	●	●	●	●	●	●	●	●	●
Weight (net/Gross)	Tub Clean								
	●	●	●	●	●	●	●	●	●
Dual Water Inlet Valve	Tub Dry								
	●	●	●	●	●	●	●	●	●
Drain Pump	Antibacterial Material								
	Lint Filter	Lint Filter	Lint Filter	Lint Filter	Lint Filter	Lint Filter	Lint Filter	Lint Filter	Lint Filter
Water Temp Selector	No. of Program								
	11	11	11	11	11	11	11	9	9
Washing program	Push Open Assisted Top								
	●	●	●	●	●	●	●	-	-
Structure	Tempered Glass								
	●	●	●	●	●	●	●	●	●
Auto Restart	Display								
	LED	LED	LED	LED	LED	LED	LED	LED	LED
Auto Power Off	All-in-One Detergent Drawer								
	●	●	●	●	●	●	●	-	-
Sensor Lock Safety System	● (Semi)								
	● (Semi)	● (Semi)	● (Semi)	● (Semi)	● (Semi)	● (Semi)	● (Semi)	●	●
Dimension W x H x D	Auto Power Off								
	●	●	●	●	●	●	●	●	●
Body Color	Sensor Lock Safety System								
	●	●	●	●	●	●	●	●	●
Weight (net/Gross)	Dimension W x H x D								
	724x1173x744	724x1158x744	724x1158x744	640x1100x696	640x1100x696	640x1100x696	640x1100x696	590x1122x634	590x1065x634
Dual Water Inlet Valve	Body Color								
	Champagne/Silver/White	Champagne/Silver/White	Silver/White	Champagne/Silver/White	Champagne/Silver/White	Champagne/Silver/White	Champagne/Silver/White	Body: Silver Lid: Black	Body: White Lid: Light Gray
Drain Pump	Weight (net/Gross)								
	68/74	67/73	67/73	49/55	49/55	48/54	48/54	42/46	39/43
Water Temp Selector	Dual Water Inlet Valve								
	●	●	●	●	●	●	●	●	●
Washing program	Drain Pump								
	●	●	●	●	●	●	●	●	●
Structure	Water Temp Selector								
	●	●	●	●	●	●	●	●	●

Series	Dynamic-Stream Wash Series				Beat Wave Wash Series	Beat Wave Wash Eco	Compact series
	SF-H130XA	SF-H120XA/ SF-H100XA	SF-140XA/ SF-130XA	SF-120XA/ SF-110XA/ SF-100XA	SF-90XA/ SF-80XA	SF-90P SF-80P	SF-80XB SF-75XB
Model							
Washing Capacity (kg)	13	12/10	14/13	12/11/10	9/8	9/8	8/7.5
Inverter Control	-	-	-	-	-	-	-
Washing Function	Washing Process						
	4-Step Penetration Wash				4-Step Wash		2-Step Wash
Spin Function	Shower						
	Dynamic Wide Shower				Beat Shower		
Useful Function	3-step Eco sensor						
	-	-	-	-	-	-	-
Clean Function	Max. Spin Speed (r/min)						
	700	700	700	700	600	600	650
Washing program	Tangle-Free Finish						
	●	●	●	●	●	●	●
Structure	4-Button Control (Shower Plus & Water Power)						
	●	●	●	●	-	-	-
Auto Restart	Eco Button						
	-	-	-	-	●	●	-
Auto Power Off	Memory						
	-	-	-	-	-	-	-
Sensor Lock Safety System	Delay Timer						
	●	●	●	●	●	●	●
Dimension W x H x D	No. of Programs						
	9	9	9	9	11	9	9
Body Color	Memory Option						
	-	-	-	-	-	-	-
Weight (net/Gross)	Auto self clean (Allergy UK Approved)						
	●	●	●	●	-	-	-
Dual Water Inlet Valve	Tub Clean						
	●	●	●	●	●	●	●
Drain Pump	Tub Dry						
	-	-	●	●	●	●	-
Water Temp Selector	Antibacterial Material						
	Lint Filter	Lint Filter	Lint Filter	Lint Filter	Lint Filter	Lint Filter	Lint Filter
Washing program	No. of Program						
	9	9	9	9	11	9	9
Structure	Push Open Assisted Top						
	-	-	-	-	-	-	-
Auto Restart	Tempered Glass						
	●	●	●	●	●	-	Tempered Glass
Auto Power Off	Display						
	LED	LED	LED	LED	LED	LED	LED
Sensor Lock Safety System	All-in-One Detergent Drawer						
	-	-	-	-	-	-	-
Dimension W x H x D	Auto Restart						
	●	●	●	●	●	●	●
Body Color	Auto Power Off						
	●	●	●	●	●	●	●
Weight (net/Gross)	Sensor Lock Safety System						
	●	●	●	●	●	●	●
Dual Water Inlet Valve	Dimension W x H x D						
	590x1122x634	590x1065x634	590x1122x634	590x1065x634	590x1059x600	590x1059x608	530x986x535
Drain Pump	Body Color						
	Body: White Lid: Light Gray	Body: Cool Gray Lid: Black	Body: White Lid: Light Gray	Body: Cool Gray Lid: Black	White	Body: Cool Gray Lid: Emerald	White
Water Temp Selector	Weight (net/Gross)						
	43/48	41/46	43/48	41/46	34/38	37/41, 33/37	32/35, 32/35

## Twin Tub

Model	PS-1700WJ	PS-1605SJ	PS-1405SJ	PS-1305SJ	PS-1055K	PS-1100KJ
Capacity (kg)	Wash	17	16	14	10.5	10.5
	Spin	12	12	12	11	9.0
Dimensions (WxHxD, mm) (*)	975x1128x571	975x1128x571	975x1128x571	970x1130x550	922x1010x509	922x1010x509
Spin Speed (rpm)	1300	1300	1300	1300	1450	1440
Beat Blade	●	●	●	●	-	-
Drain Pump	●	●	●	●	-	●
Air Jet Dry	●	●	●	●	-	●
Nano Titanium Air Jet Filter	-	-	-	-	-	●
Sensor Lock Safety System	-	-	-	-	-	-
2-Way Wash Action	●	●	●	●	●	●
Spin Tub	Plastic	Plastic	Plastic	Plastic	Plastic	Plastic
Spin Dry Timer	7 min.	7 min.	7 min.	7 min.	5 min.	7 min.
Soak Timer	20 min.	20 min.	20 min.	20 min.	20 min.	20 min.
Collars & Cuff Washboard	●	●	●	●	-	-
Color	White	White/Dark Gray	White/Dark Gray	White	White/Cool Gray/beige	Dark Gray

Model	PS-995KJ	PS-985KJ	PS-1000BJ	PS-998BJ	PS-997BJ	PS-975GJ	PS-500A
Capacity (kg)	Wash	8.0	7.0	9.0	8.0	7.0	5.0
	Spin	7.0	5.0	7.0	7.0	7.0	5.0
Dimensions (WxHxD, mm) (*)	835x978x461	835x978x461	866x986x475	866x986x475	866x986x475	846x960x480	750x893x425
Spin Speed (rpm)	1450	1450	1430	1430	1430	1450	1430
Beat Blade	-	-	-	-	-	-	-
Drain Pump	●	●	●	●	●	-	●
Air Jet Dry	●	●	●	●	●	●	-
Nano Titanium Air Jet Filter	●	●	-	-	-	●	-
Sensor Lock Safety System	-	-	-	-	-	-	-
2-Way Wash Action	●	●	●	●	●	●	●
Spin Tub	Plastic	Plastic	Plastic	Plastic	Plastic	Plastic	Plastic
Spin Dry Timer	7 min.	7 min.	7 min.	7 min.	7 min.	7 min.	5 min.
Soak Timer	20 min.	20 min.	20 min.	20 min.	20 min.	20 min.	15min
Collars & Cuff Washboard	-	-	●	●	●	●	-
Color	White/Cool Gray/beige	White	White	White	White	White/Cool Gray/Beige	White

# VACUUM CLEANER



\* Images are for illustrative purposes only.

## Pail Can Models

### Giant Capacity, Longer-Lasting Suction Power

Hitachi's new heavy-duty pail can model delivers outstanding performance with giant dust capacity of 25L, a high-power 2300W motor and an 8.0m automatic cord rewind system. All this and more in a vacuum cleaner ready to clean every corner of your home.

### Larger than Ever Dust Capacity\* For 19% More Dust Collection

The large 330mm diameter tank can hold up to 25L of dust, 19% more than conventional models.\*\* As well as letting you vacuum for longer, this reduces how often you have to dispose of dust.

\*Applies to the CV-9950FCJ, 995DC.  
\*\*21L models (CV-9850YRJ, 9800YJ, 970Y, 960Y)



### Automatic Cord Rewind Easy Power Cord Storage in a Fast 5 Seconds

The new body is designed to hold the long 8.0m power cord inside it. Just press a button and the cord automatically rewinds and is stored inside the unit.



Conventional

Power Cord Storage

\*Applies to the CV-9950FCJ, 995DC, 985DC and 975FC.

## High Power 2300W

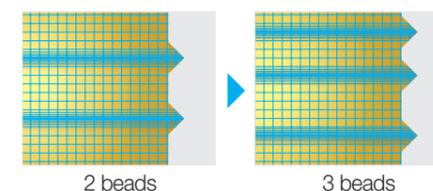
The application of fluid analysis techniques has resulted in a high-efficiency design that generates the high power that's the source of the powerful suction.

\*Power inputs differ depending on the model.



## Extra Tough Body

\*Applies to the CV-9950FCJ, 995DC, 985DC, and 980D.



**Durable & Stronger Metal Body**  
Hitachi's strong metal body features three beads to protect the tank from deformation and other damage.

Compared to conventional models, the base is stronger to thoroughly support the pail can for smooth, comfortable movement.

**Large  $\phi$  180mm Wheels**  
The large wheels on the body assure light, smooth movement even over areas where floor levels differ.

## Clean Exhaust Air



**HEPA Filter** \*Applies to the CV-9950FCJ, 995DC and 985DC.

The HEPA filter captures pollen, allergens and minute particles of dust for clean exhaust air.

**Nano Titanium Filter** \*Applies to the CV-9950FCJ, 995DC, 985DC, 980D and 975FC.

The Nano Titanium Filter is a cutting edge technology that uses a TiO<sub>2</sub> catalyst to provide a powerful antibacterial and deodorizing effect.

※Tested by Japan Spinners Inspecting Foundation. ●Inspection Method: JIS L1902 ●Antibacterial Method: Consolidated into the fiber. ●Value of Antimicrobial Activity: Staphylococcus aureus (5.0) <effectiveness of above 99%> Standard of effectiveness in antimicrobial value is 2.0 or above.



## User-Friendly Features



### 2-Step Rug Floor Nozzle

The suction head can be easily adjusted in two ways for different surfaces.

\*Applies to the CV-975FC, 960Y, 950Y, 945Y and 940Y.



### Variable Power Settings

With infrared remote control, power settings are right by your hand so you can easily adjust power to match the place and type of floor surface you're vacuuming.

\*Applies to the CV-9850YRJ.



### Telescopic Pipe

Enables pipe length adjustment as desired.

\*CV-950Y, 945Y, 940Y and 930F come with a plastic pipe.



### Twist-Free Hose

Regardless of how you move or rotate the head, the hose remains free of twists for extra cleaning convenience.



### Dusting Brush & Crevice Nozzle Onboard Tool Storage

Tool storage holds two types of nozzles for different vacuuming needs.



### Blower

You can also blow dust, a real convenience when cleaning light fittings, curtains and places such as entrances and hallways.

## Lineup / Pail Can Series

### 2300W High Power

The highest (max.) input wattage of the Made in Japan model is 2300W. High suction power vacuum cleaners mean cleaner rooms.

### 23% Stronger Body \* Calculated by Hitachi

The thicker can is 23% stronger than the conventional 21L model.

**CV-9950FCJ** **MADE IN JAPAN**

- Powerful 2300W (max.) motor
- Washable Cloth Filter
- Dust Capacity 25L
- Dust Disposal Handle
- Automatic Cord Reel
- Multi Angle Head
- HEPA & Nano Titanium Filter
- Metal Telescopic Pipe
- Grip Handle
- Blower

Champagne Metallic

**CV-9850YRJ** **MADE IN JAPAN**

- Powerful 2300W (max.) motor
- Washable Cloth Filter
- Dust Capacity 21L
- Dust Disposal Handle
- Multi Angle Head
- Handy & Easy Remote Control
- Aluminum Telescopic Pipe
- Grip Handle
- Blower

Black Gold

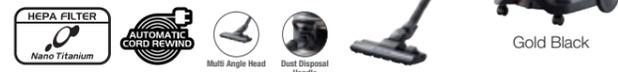
**CV-9800YJ** **MADE IN JAPAN**

- Powerful 2300W (max.) motor
- Washable Cloth Filter
- Dust Capacity 21L
- Dust Disposal Handle
- Multi Angle Head
- Aluminum Telescopic Pipe
- Grip Handle
- Blower

Black Red

**CV-995DC**

- Powerful 2300W (Max.) Motor
- Dust Capacity 25L
- Washable Cloth Filter
- Dust Disposal Handle
- Automatic Cord Reel
- Multi Angle Head
- HEPA & Nano Titanium Filter
- Aluminum Telescopic Pipe
- Grip Handle
- Blower



Gold Black

**CV-985DC**

- Powerful 2200W (Max.) Motor
- Dust Capacity 23L
- Washable Cloth Filter
- Dust Disposal Handle
- Automatic Cord Reel
- Multi Angle Head
- HEPA & Nano Titanium Filter
- Aluminum Telescopic Pipe
- Grip Handle
- Blower



Gold Black

**CV-980D**

- Powerful 2200W (Max.) Motor
- Dust Capacity 23L
- Washable Cloth Filter
- Dust Disposal Handle
- Multi Angle Head
- Nano Titanium Filter
- Aluminum Telescopic Pipe
- Grip Handle
- Blower



Gold Black

**CV-975FC**

- Powerful 2200W (Max.) motor
- Washable Cloth Filter
- Dust Capacity 18L
- Dust Disposal Handle
- Automatic Cord Reel
- 2-Step Rug/Floor Nozzle
- Nano Titanium filter
- Metal Telescopic Pipe
- Blower



Gold Black

**CV-970Y**

- Powerful 2200W (Max.) motor
- Washable Cloth Filter
- Dust Capacity 21L
- Dust Disposal Handle
- Multi Angle Head
- Telescopic Pipe
- Grip Handle
- Blower



Titanium Gold

**CV-960Y**

- Powerful 2100W (Max.) motor
- Washable Cloth Filter
- Dust Capacity 21L
- Dust Disposal Handle
- 2-Step Rug/Floor Nozzle
- Telescopic Pipe
- Blower



Wine Red

Black

**CV-950Y**

- Powerful 2000W (Max.) motor
- Washable Cloth Filter
- Dust Capacity 18L
- Dust Disposal Handle
- 2-Step Rug/Floor Nozzle
- Plastic Pipe
- Blower

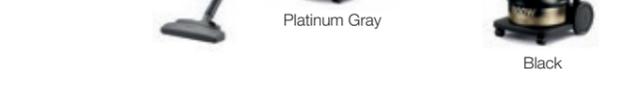


Black

Platinum Gray

**CV-945Y**

- Powerful 1800W (Max.) motor
- Washable Cloth Filter
- Dust Capacity 18L
- 2-Step Rug/Floor Nozzle
- Plastic Pipe
- Blower



Wine Red

Platinum Gray

Black

**CV-940Y**

- Powerful 1600W (Max.) motor
- Washable Cloth Filter
- Dust Capacity 15L
- 2-Step Rug/Floor Nozzle
- Plastic Pipe
- Blower



Wine Red

Black

**CV-930F**

- Powerful 1600W (Max.) motor
- Washable Cloth Filter
- Dust Capacity 12L
- Rug/Floor Nozzle
- Plastic Pipe
- Blower



**Lineup / Pot Series**

**CV-100**

- Powerful 1300W (Max.) motor
- 7.5L dust capacity with dust indicator
- Cloth filter
- Long 3m hose
- On board tool storage



Platinum Gray

Wine Red

**CV-T190**

- Powerful 1300W (Max.) motor
- 3.5L dust capacity with dust indicator
- Cloth filter
- On board tool storage



Platinum Gray

**Bag Series**



**Excellent Performance for Sand Dust Collection**

Hitachi's "Made in Japan" vacuum cleaner assures 172% longer-lasting strong suction power for sand dust collection. The original 2300W high-power motor combined with Hitachi's unique Auto Suction Booster prevents the bag from becoming clogged and enables it to hold up to 6.0L of sand dust. All this and more in a compact vacuum cleaner ready to clean every corner of your home.

**172% Longer-Lasting Strong Suction Power\***

**Auto Suction Booster**

It's a simple daily operation to refresh the dust bag. Just pull out the power cord to activate the Auto Suction Booster and vibrate the filter, and clogs in the bag are removed to maintain strong suction.

\*Applies to the CV-BD230VJ. 150% longer-lasting strong suction power for the CV-BA22V, BA20V and BA18.



**How a Vacuum Cleaner Loses Strong Suction Power**

Tiny pores in the bag clog with sand and dust, blocking the airflow from the motor. This causes suction power to fall before the bag is full, resulting in dust getting left behind.



**Incredible Suction Power**

**High Power 2300W**

The application of fluid analysis techniques has resulted in a high efficiency design that generates the high power that's the source of the powerful suction.

\*Power inputs differ depending on the model.



## Large Dust Capacity

### Big 6L Dust Capacity

The unit can hold a big 6L of sand dust in an 8L washable dust bag. This enables you to vacuum the house from corner to corner while reducing the frequency of dust disposal.

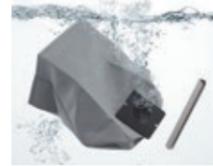
### 3D High-Density Design

Thanks to Hitachi's design technology, the unit can hold a large amount of sand dust and advanced functions in a compact body.

### Dust Indicator

The indicator turns on when the dust bag is full to prevent overflowing.

Washable



## Hygienic Air



Fine Dust Captured by the HEPA\* & Nano Titanium Filter



The exhaust filter is detachable to enable quick, easy maintenance before you continue vacuum cleaning.

\*The filtration system differs depending on the model.

\*\* Applies to the CV-BD230VJ and CV-BA22V



The well-designed exhaust air filter reduces fine dust lifted up from the ground to let you enjoy vacuum cleaning with cleaner exhaust.



## Tough Design Yet Easy to Handle



### Hitachi's Original Multi Angle Head\*1

\*1 Applies to the CV-BD230VJ, BA22V. For details, please refer to page 37



### Dusting Brush\*2

The brush lets you clean uneven surfaces such as bookshelves.

\*2 The CV-BA18 comes with a 2-way dusting brush and crevice nozzle.



### Crevice Nozzle\*2

The nozzle lets you clean hard-to-reach spaces such as crevices in fabrics.



### Sand Blower

Blows away sand and light dust particles with a powerful airflow to clean places such as entrances and hallways.



### Grip Handle\*3

Rotating the head is easy, enabling effortless, trouble-free cleaning.

\*3 Applies to the CV-BD230VJ and BA22V.



### 2-Step Rug/Floor Nozzle\*4

The suction head can be easily adjusted in two ways for different surfaces.

\*4 Applies to the CV-BA20V and BA18.

## Lineup / Swivel Series

### Made in Japan Model

#### CV-BD230VJ



- Powerful 2300W (Max.) motor
- Washable Cloth Bag
- Dust Capacity 6L
- Auto Suction Booster
- Multi Angle Head
- Hepa & Nano Titanium Filter
- Power Control
- Aluminum Telescopic Pipe
- Grip Handle
- Sand Blower



Champagne Metallic

#### CV-BA22V



- Powerful 2200W (Max.) motor
- Washable Cloth Bag
- Dust Capacity 6L
- Auto Suction Booster
- Multi Angle Head
- HEPA & Nano Titanium Filter
- Power Control
- Telescopic Pipe
- Grip Handle
- Sand Blower



#### CV-BA20V



- Powerful 2000W (Max.) motor
- Washable Cloth Bag
- Dust Capacity 6L
- Auto Suction Booster
- 2 Step Rug Floor Nozzle
- Nano Titanium
- Power Control
- Telescopic Pipe
- Sand Blower



#### CV-BA18



- Powerful 1800W (Max.) motor
- Washable Cloth Bag
- Dust Capacity 6L
- Auto Suction Booster
- 2 Step Rug Floor Nozzle
- Plastic Pipe
- and Blower



## Lineup / Compact Bagged Series

#### CV-BH18

- Powerful 1800W (Max.) motor
- Nano Titanium deodorizing filter
- 3L dust capacity with dust indicator
- Convenient tool holder
- Blower



Blue

#### CV-BM16

- Powerful 1600W (Max.) motor
- 1.5L dust capacity with dust indicator
- Convenient tool holder



Blue



Green

Yellow

Red

Gray

## Cyclonic Models

Motorized Sweeper. Dust Eliminator.

Smart Head captures dust brooms and mops can't. Say goodbye to mops, hard work, and dirt.

## Power Boost Cyclone Series

### Dust & Air Centrifugal Separation System

Air is efficiently boosted at the cyclone chamber inlet to generate a powerful cyclone that separates dust and air by centrifugal force. And the stepped shape design of the dust case helps prevent dust from being blown back to the top.

### Incredible Suction Power

The application of fluid analysis techniques has resulted in a high-efficient design that generates the high power that's the source of the powerful suction.



### Easy and Clean Dust Disposal

Dust, together with the allergens it contains, is highly compressed by the Dust & Air Centrifugal Separation System. You can push it out with one-touch operation using just one hand without coming into contact with it.



### Washable Dust Case

You can disassemble the dust case and wash all the parts with water, so it's easy to keep it clean.



# Smart Head\*1

\*1 Applies to the CV-SC230V and SC220V.

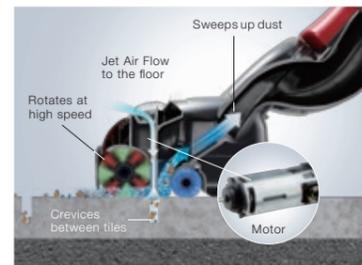


## Motorized Auto Drive Head

Say goodbye to mops, hard work, and dirt.

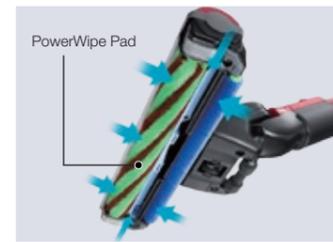
Smart head captures dust that brooms and mops can't. The motorized head is made even more airtight to generate a high-speed air flow enabling powerful suction of dirt as well as wiping.

### AeroSuction



Blow onto the floor to blast dirt out from between tiles and other crevice.

### PowerWipe & 4-Way Suction



Pad rotates at high speed to cleanly wipe the floor while dirt is sucked in from 4 way as both sides and from the back and front.

### Multi Angle Head

The head rotates 90° each side, so you can reach dust in narrow areas and crevice. Also, the head stays flat to enable through cleaning even under low furniture such as your bed or sofa.



### Light-Weight One-Touch Zoom Pipe & Hose\*1

The thin and resin applied hose, the carbon-made one-touch zoom pipe are light so there's less burden on your arm during use.



### Bed Nozzle

Effectively removes dust mites and allergens using this special Bed Nozzle.



### Power Beat Head

The Electric Beater vibrates, and beats fabrics to remove and suck in dust mite excreta and remains.

\*Applies to the CV-SC230V.

### Fabric Beat Head

The rotating triple beater sucks in dust mite excreta and remains.

\*Applies to the CV-SC220V, SC23V and SC22.

## Lineup / Power Boost Cyclone Series

### CV-SC230V

- Powerful 2300W (Max.) motor
- Smart Head
- Dust Capacity 2L
- Easy and Clean Dust Disposal
- Grip Handle
- Carbon Light (One-Touch Zoom Pipe)
- Handy & Easy Remote Control
- Grip Handle
- HEPA & Nano Titanium Filter

- Power Beat Head
- One-Touch Swivel Brush
- Crevice Nozzle
- Tool Holder
- Soft & Large Wheels
- Twist-Free Hose
- Power Cord 5.0m



Deep Red Metallic

### CV-SC220V

- Powerful 2200W (Max.) motor
- Smart Head
- Dust Capacity 2L
- Easy and Clean Dust Disposal
- Grip Handle
- Carbon Light (One-Touch Zoom Pipe)
- Handy & Easy Remote Control
- Grip Handle
- HEPA & Nano Titanium Filter

- Fabric Beat Head
- One-Touch Swivel Brush
- Crevice Nozzle
- Tool Holder
- Soft & Large Wheels
- Twist-Free Hose
- Power Cord 5.0m



Deep Champagne Metallic

### CV-SC23V

- Powerful 2300W (Max.) motor
- Multi Angle Head
- Dust Capacity 2L
- Easy and Clean Dust Disposal
- Grip Handle
- Aluminum Telescopic Pipe
- Grip Handle
- HEPA & Nano Titanium Filter
- Fabric Beat Head

- Crevice Nozzle
- Tool Holder
- Soft & Large Wheels
- Twist-Free Hose
- Power Cord 5.0m



Deep Black

### CV-SC22

- Powerful 2300W (Max.) motor
- Multi Angle Head
- Dust Capacity 2L
- Grip Handle
- Aluminum Telescopic Pipe
- Grip Handle
- HEPA & Nano Titanium Filter
- Fabric Beat Head
- Crevice Nozzle

- Tool Holder
- Large Wheels
- Twist-Free Hose
- Power Cord 5.0m



Brilliant Red

Pure White

## Multi Cleaning Models

### Multiple Cleaning Nozzles

A range of convenient nozzles enable you to clean any part of your house.

### Specially Designed for Hard Floors

#### Dry Mop Head



Equipped with soft brush at the bottom, this nozzle cleans the hard floor as if wiping with a mop. And you can wash it with water when it gets dirty.

\* Dry wiping only.



\*CV-SE230V only

### Designed for Rugs / Carpets / Hard Floors

#### Multi Angle Head



\*CV-SE23V only

#### 2-Step Rug/Floor Nozzle



\*CV-SE22V only

#### Rug/Floor Nozzle



\*CV-SE230V only

### Accessories for Various Situations

\*Those images are only examples.

#### Fabric Beat Head



Bedding

\*CV-SE230V only

#### Dusting Brush



#### Multi Angle Nozzle & Brush



Clothes

High Places

Upholstery

#### Crevice Nozzle



Crevices

Window Rails

## Dust & Air Centrifugal Separation System

Powerful 2300W high power motor creates a strong airflow generated in the tube filter creates a powerful cyclone that efficiently sucks up even fine dust.

\*CV-SE230V and CV-SE23V

Powerful Suction  
**2300W**

Dust Compression  
Technology



Long-Lasting  
Suction Power

## Easy Dust Disposal



Dust, together with the allergens it contains, is compressed by the Dust & Air Centrifugal Separation System. You can dispose of it with one-touch operation using just one hand without coming into contact with it.

## Washable Dust Case



## Clean Air with 7-Stage Filtration

### HEPA & Nano Titanium Filter

The exhaust filter is detachable to enable quick and easy maintenance before you continue vacuum cleaning.



## Lineup / Multi Cleaning Series

### CV-SE230V

HEPA FILTER Nano Titanium CYCLONIC CLEANER Bagless

- Dust Capacity 2L
- Multiple Cleaning Nozzles
  - Dry Mop Head
  - Rug/Floor Nozzle
  - Fabric Beat Head
  - Multi Angle Nozzle & Brush
  - Dusting Brush
  - Crevice Nozzle
- HEPA & Nano Titanium Filter
- Metal Telescopic Pipe
- Power Control
- Easy Dust Disposal
- Tool Holder



Orange Metallic

### CV-SE23V

HEPA FILTER Nano Titanium CYCLONIC CLEANER Bagless

- Dust Capacity 2L
- Multiple Cleaning Nozzles
  - Multi Angle Head
  - Multi Angle Nozzle & Brush
  - Dusting Brush
  - Crevice Nozzle
- HEPA & Nano Titanium Filter
- Metal Telescopic Pipe
- Power Control
- Easy Dust Disposal
- Tool Holder



Royal Blue

### CV-SE22V

HEPA FILTER Nano Titanium CYCLONIC CLEANER Bagless

- Dust Capacity 2L
- Multiple Cleaning Nozzles
  - 2-Step Rug/Floor Nozzle
  - Multi Angle Nozzle & Brush
  - Dusting Brush
  - Crevice Nozzle
- HEPA & Nano Titanium Filter
- Metal Telescopic Pipe
- Power Control
- Easy Dust Disposal
- Tool Holder



Brilliant Red

## Lineup / Standard Series

### CV-SY21V

CYCLONIC CLEANER Bagless HEPA FILTER Nano Titanium

- Powerful 2100W(Max.) motor
- Dust Capacity 1.6L
- Aluminum Telescopic Pipe
- HEPA & Nano Titanium filter
- Convenient tool holder
- Blower



Brown Metallic

### CV-SY19

CYCLONIC CLEANER Nano Titanium Bagless

- Powerful 1900W(Max.) motor
- Dust Capacity 1.6L
- Metal Pipe
- Nano Titanium filter
- Convenient tool holder
- Blower



Aqua Blue

### CV-SH20V

CYCLONIC CLEANER Bagless HEPA FILTER Nano Titanium

- Powerful 2000W (Max.) motor
- Dust Capacity 1.6L
- Aluminum Telescopic Pipe
- HEPA & Nano Titanium filter
- Convenient tool holder
- Blower



Ruby Red

### CV-SH18

CYCLONIC CLEANER Nano Titanium Bagless

- Powerful 1800W (Max.) motor
- Dust Capacity 1.6L
- Metal Pipe
- Nano Titanium filter
- Convenient tool holder
- Blower



Blue

### CV-SF20V

CYCLONIC CLEANER Bagless HEPA FILTER Nano Titanium

- Powerful 2000W (Max.) motor
- Dust Capacity 1.6L
- Metal Telescopic pipe
- HEPA & Nano Titanium filter
- Convenient tool holder
- Blower



Light Brown

### CV-SF18

CYCLONIC CLEANER Nano Titanium Bagless

- Powerful 1800W (Max.) motor
- Dust Capacity 1.6L
- Metal pipe
- Nano Titanium filter
- Convenient tool holder
- Blower



Blue

### Compact Bagless

#### CV-SF16

Bagless

- Powerful 1600W (Max.) motor
- Dust Capacity 0.6L
- Plastic pipe
- Convenient tool holder



Lime Green



Brilliant Red

## Lineup / Bagless Series

### CV-W2000

Nano Titanium Bagless

- Powerful 2000W (Max.) Motor
- 2-step Rug/Floor Nozzle
- 6.5L Big Dust Capacity with Dust Indicator
- Cloth Filter
- Aluminum Telescopic Pipe
- Nano Titanium Filter
- Tool Storage Space
- Blower



Ruby Red



Sapphire Blue

### CV-W1800

Bagless

- Powerful 1800W (Max.) Motor
- Rug Floor/Nozzle
- 5L Big Dust Capacity with Dust Indicator
- Cloth Filter
- Plastic Pipe
- Tool Storage Space
- Blower



Silver

### CV-W1600

Bagless

- Powerful 1600W (Max.) Motor
- Rug Floor/Nozzle
- 5L Big Dust Capacity with Dust Indicator
- Cloth Filter
- Plastic Pipe
- Tool Storage Space
- Blower



Wine Red



Platinum Gray

## Cordless Stick Cleaner Models

### Made in Japan Series

Hitachi's unique technologies make possible a high powered, yet cordless vacuum cleaner.



#### SD High Power Fan Motor\*

The newly developed motor generates high power. It is small and lightweight yet has high efficiency.



#### Power Boost Cyclone Structure\*

The cyclone is strengthened with boosted (accelerated) power, allowing dust and air to be separated by centrifugation.



#### Motorized Auto Drive Head\*

Thanks to Hitachi's original motorized head design, the suction head moves by itself when the power is on, and picks up dust with less effort without sticking to the floor.



#### Lithium-ion Battery\*

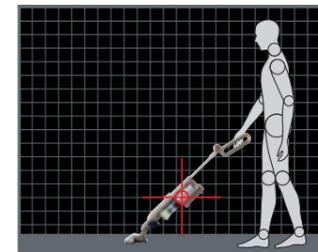
Allows continuous operation up to approximately 30 minutes during standard operation.



\*Approximately 8 minutes during high power operation

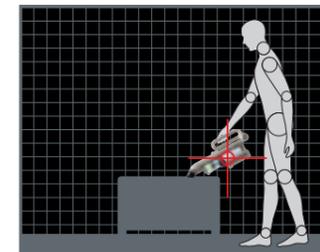
\* Applies model PV-XC500

## Ease Of Use With Optimum Center of Gravity Design



#### When used in stick-mode\*

Center of gravity is kept near the floor to ease the burden on the hand



#### In handy-mode\*

Center of gravity is kept near the hand, to perform delicate operation easily

\* Applies model PV-XC500

## 2 in 1 Series

### Powerful Cyclonic Dust Compression

Sucked in dust and air are separated centrifugally. What's more, cyclone power thoroughly compresses the dust to enable plenty of cleaning.



Centrifugal separation of dust and air



Powerful dust compression

### Easy Cleaning and Maintenance



Washable Dust Case



Washable Brush

#### Easy Dust Disposal Case

Dispose of compressed dust with minimal scattering.

#### One-Touch Detachment

The brush can be removed easily for maintenance.

\*PV-XD200 only.

## Lineup / Cordless Stick Series

### PV-XC500



Model	PV-XC500
Dimensions L x W x H (mm)	230 x 280 x 840-1,075
Weight*1 (kg)	2.5
Operating Time*2	Approx. 30 min (Standard), Approx. 8 min (High)
Charge Time*3	Approx. 3.5 hours
Batteries	Lithium-ion DC 21.6V / 2,500mAh
Accessories	Motorized Auto Drive Head, Extendable Multi-Angle Brush, Crevice Nozzle, Linen Beat Head, Charging Station

\*1: Weight refers to total weight of main body and head.

\*2: Fully charged, new batteries, ambient temperature of 20°C. Operating time may differ depending on ambient temperature and other conditions.

\*3: Charge time may differ depending on ambient temperature and other conditions.

### PV-XD200



Model	PV-XD200
Type	Cyclonic Dust Compression
Operating Time*	Approx. 40min (Standard), Approx. 13min (High)
Charge Time	Approx. 4hours
Power Control	High/Standard/Off (Stick Cleaner)
Accessories	Rug-Floor Nozzle: Motorized Auto Drive Head Others: Multi Angle Brush Nozzle, Crevice Nozzle, Charging Station, Maintenance Brush
Batteries	Lithium-ion DC 18 V / 2,000 mAh
Dimensions (mm) LxWxH	170x270x1,100 (Stick Cleaner)
Weight (kg)	2.8 (Stick Cleaner)

\*1: Weight refers to total weight of main body and head.

\*2: Fully charged, new batteries, ambient temperature of 20°C. Operating time may differ depending on ambient temperature and other conditions.

\*3: Charge time may differ depending on ambient temperature and other conditions.

# Specifications

	Drum Type									
	Pail Can Models									
	CV-9950FCJ (MJ)	CV-9850YRJ (MJ)	CV-9800YJ (MJ)	CV-995DC	CV-985DC	CV-9800	CV-975FC	CV-970Y	CV-960Y	CV-950Y
Motor Max.Power (W) at 240V	2300	2300	2300	2300	2200	2200	2200	2200	2100	2000
Auto Suction Booster	-	-	-	-	-	-	-	-	-	-
Remote Control	-	●	-	-	-	-	-	-	-	-
Power Control	-	●	-	-	-	-	-	-	-	-
Blower	●	●	●	●	●	●	●	●	●	●
Suction Control	●	●	●	●	●	●	●	●	●	●
Dust Filter	Dust Case									
	Paper Bag									
	Cloth Bag									
	Cloth Filter									
Dust Capacity (L)	25.0	21.0	21.0	25.0	23.0	23.0	18.0	21.0	21.0	18.0
Dust Indicator	●	●	●	●	●	●	●	●	●	●
7 Stage Filtration	-	-	-	-	-	-	-	-	-	-
Filter	Nano Titanium									
	HEPA clean									
	Standard									
Extension Wand	Telescopic									
	Aluminium									
	Metal									
Carrying Handle	●	●	●	●	●	●	●	●	●	●
Dust Disposal Handle	●	●	●	●	●	●	●	●	●	●
Grip Handle	●	●	●	●	●	●	●	●	●	●
Twist Free Hose	●	●	●	●	●	●	●	●	●	●
Tool Holder / Storage	●	●	●	●	●	●	●	●	●	●
Hose Stand	●	●	●	●	●	●	●	●	●	●
Automatic Cord Reel	●	-	-	●	●	-	●	-	-	-
Accessories	Rug/Floor Nozzle									
	Dusting Brush									
	Crevice Nozzle									
	Bed Nozzle									
	Multi Angle Nozzle & Brush									
Dimensions L x W x H (mm)	475x383x678	420 x 335 x 590	420 x 335 x 590	475x383x678	475x383x632	475x383x581	475 x 383 x 557	420 x 335 x 590	420 x 335 x 590	420 x 335 x 545
Net Weight (kg) only body	8.3	7.0	6.9	8.3	8.1	7.1	8.0	6.5	6.4	6.3
Body Color	Champagne Metallic	Black-Gold	Black-Red	Gold Black	Gold Black	Gold Black	Gold Black	Titanium Gold	Platinum Gray Wine Red	Platinum Gray Wine Red Black

	Drum Type					Cylinder Type				
	Pail Can Models			Pot Models		Bag Models				
	CV-945Y	CV-940Y	CV-930F	CV-100	CV-T190	CV-BD230VJ (MJ)	CV-BA22V	CV-BA20V	CV-BA18	CV-BA18 (Egypt)
Motor Max.Power (W) at 240V	1800	1600	1600	1300	1300	2300	2200	2000	1800	1800
Auto Suction Booster	-	-	-	-	-	●	●	●	●	●
Remote Control	-	-	-	-	-	-	-	-	-	-
Power Control	-	-	-	-	-	●	●	●	-	-
Blower	●	●	●	-	-	Sand Blower	Sand Blower	Sand Blower	Sand Blower	Sand Blower
Suction Control	●	●	●	●	●	●	●	●	●	●
Dust Filter	Dust Case									
	Paper Bag									
	Cloth Bag									
	Cloth Filter									
Dust Capacity (L)	18.0	15.0	12.0	7.5	3.5	6.0	6.0	6.0	6.0	6.0
Dust Indicator	●	●	●	●	●	●	●	●	●	●
7 Stage Filtration	-	-	-	-	-	-	-	-	-	-
Filter	Nano Titanium									
	HEPA clean									
	Standard									
Extension Wand	Telescopic									
	Aluminium									
	Metal									
Carrying Handle	●	●	●	●	●	●	●	●	●	●
Dust Disposal Handle	-	-	-	-	-	-	-	-	-	-
Grip Handle	-	-	-	-	-	●	●	●	●	●
Twist Free Hose	●	●	●	●	●	●	●	●	●	●
Tool Holder / Storage	●	●	●	●	●	●	●	●	●	●
Hose Stand	●	●	●	-	-	●	●	●	●	●
Automatic Cord Reel	-	-	-	-	-	●	●	●	●	●
Accessories	Rug/Floor Nozzle									
	Dusting Brush									
	Crevice Nozzle									
	Bed Nozzle									
	Multi Angle Nozzle & Brush									
Dimensions L x W x H (mm)	397 x 335 x 536	397 x 335 x 500	397 x 335 x 461	342 x 287 x 402	342 x 287 x 330	516 x 327 x 260	516 x 327 x 260	516 x 327 x 260	516 x 327 x 260	516 x 327 x 260
Net Weight (kg) only body	5.8	5.4	5.3	4.5	4.2	5.9	5.6	5.5	5.2	5.2
Body Color	Platinum Gray Wine Red	Platinum Gray Wine Red	Black	Platinum Gray Wine Red	Platinum Gray	Champagne Metallic	Brilliant Red Deep Black	Brilliant Red Steel Gray	Brilliant Red Pure White	Brilliant Red Pure White

	Cylinder Type									
	Bag Models		Cyclonic Models							
	CV-BH18	CV-BM16	CV-SC230V	CV-SC220V	CV-SC23V	CV-SC22	CV-SE230V	CV-SE23V	CV-SE22V	CV-SY21V
Motor Max.Power (W) at 240V	1800	1600	2300	2200	2300	2200	2300	2300	2200	2100
Auto Suction Booster	-	-	-	-	-	-	-	-	-	-
Remote Control	-	-	●	●	-	-	-	-	-	-
Power Control	-	-	●	●	●	-	●	●	●	●
Blower	●	●	-	-	-	-	-	-	-	●
Suction Control	●	●	-	-	●	●	●	●	●	●
Dust Filter	Dust Case									
	Paper Bag									
	Cloth Bag									
	Cloth Filter									
Dust Capacity (L)	3.0	1.5	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.6
Dust Indicator	●	●	●	●	●	●	●	●	●	●
7 Stage Filtration	-	-	-	-	-	-	-	-	-	-
Filter	Nano Titanium									
	HEPA clean									
	Standard									
Extension Wand	Telescopic									
	Aluminium									
	Metal									
Carrying Handle	●	●	●	●	●	●	●	●	●	●
Dust Disposal Handle	-	-	-	-	-	-	-	-	-	-
Grip Handle	-	-	●	●	●	●	●	●	●	●
Twist Free Hose	●	●	●	●	●	●	●	●	●	●
Tool Holder / Storage	●	●	●	●	●	●	●	●	●	●
Hose Stand	●	●	●	●	●	●	●	●	●	●
Automatic Cord Reel	●	●	●	●	●	●	●	●	●	●
Accessories	Rug/Floor Nozzle									
	Dusting Brush									
	Crevice Nozzle									
	Bed Nozzle									
	Multi Angle Nozzle & Brush									
Dimensions L x W x H (mm)	385 x 282 x 226	288 x 256 x 214	422x318x362	422x318x362	422x318x362	422x318x362	420x282x250	420x282x250	420x282x250	385 x 282 x 226
Net Weight (kg) only body	4.3	3.0	6.9	6.9	6.1	5.9	5.1	5.1	5.1	4.9
Body Color	Blue	Blue/Gray/Red/Yellow/Green	Deep Red Metallic	Deep Champagne Metallic	Deep Black	Brilliant Red Pure White	Orange Metallic	Royal Blue	Brilliant Red	Brown Metallic

	Cylinder Type									
	Cyclonic Models					Bagless Models				
	CV-SH20V	CV-SF20V	CV-SY19	CV-SH18	CV-SF18	CV-SF16	CV-W2000	CV-W1800	CV-W1600	
Motor Max.Power (W) at 240V	2000	2000	1900	1800	1800	1600	2000	1800	1600	
Auto Suction Booster	-	-	-	-	-	-	-	-	-	
Remote Control	-	-	-	-	-	-	-	-	-	
Power Control	●	●	-	-	-	-	-	-	-	
Blower	●	●	●	●	●	-	●	●	●	
Suction Control	●	●	●	●	●	●	●	●	●	
Dust Filter	Dust Case									
	Paper Bag									
	Cloth Bag									
	Cloth Filter									
Dust Capacity (L)	1.6	1.6	1.6	1.6	1.6	0.6	6.5	5.0	5.0	
Dust Indicator	●	●	●	●	●	●	●	●	●	
7 Stage Filtration	-	-	-	-	-	-	-	-	-	
Filter	Nano Titanium									
	HEPA clean									
	Standard									
Extension Wand	Telescopic									
	Aluminium									
	Metal									
Carrying Handle	●	●	●	●	●	●	●	●	●	
Dust Disposal Handle	-	-	-	-	-	-	-	-	-	
Grip Handle	-	-	-	-	-	-	-	-	-	
Twist Free Hose	●	●	●	●	●	●	●	●	●	
Tool Holder / Storage	●	●	●	●	●	●	●	●	●	
Hose Stand	●	●	●	●	●	●	●	●	●	
Automatic Cord Reel	●	●	●	●	●	●	●	●	●	
Accessories	Rug/Floor Nozzle									
	Dusting Brush									
	Crevice Nozzle									
	Bed Nozzle									
	Multi Angle Nozzle & Brush									
Dimensions L x W x H (mm)	385 x 282 x 226	385 x 282 x 226	385 x 282 x 226	385 x 282 x 226	385 x 282 x 226	298 x 256 x 214	513 x 276 x 225	473 x 276 x 225	473 x 276 x 225	
Net Weight (kg) only body	4.9	4.5	4.7	4.7	4.5	3.4	4.8	4.5	4.3	
Body Color	Titanium Gold Ruby Red	Brilliant Red Light Brown	Aqua Blue	Blue Gray	Red Blue	Brilliant Red Lime Green	Sapphire Blue Ruby Red	Silver	Platinum Gray Wine Red	

●: Option  
 ○: Specifications and designs are subject to change without notice.  
 ○: Color tone of actual products may differ from those shown in this catalog.

# ROOM AIR CONDITIONER



55°C NO SWEAT!

Bigger Louvre, Bigger Fan, Superior Air Flow, Super Cool Mode That Cools You Immediately

\* For tropical type only

## Air Refreshing System

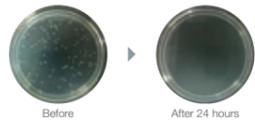
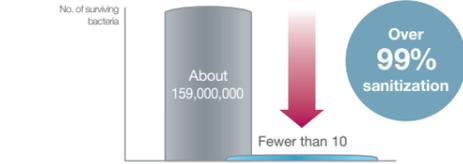


### Nano Titanium Wasabi Air Purifying Filter

Often seen in Japanese restaurants offering sushi and sashimi, grated wasabi (Japanese horseradish) is well-known for its sinus-clearing spicy taste. The pungent component of wasabi has a strong antibacterial effect, and has long been an important spice for fresh food like raw fish. The new Nano Titanium Wasabi Air Purifying Filter is a cutting-edge technology that uses a Wasabi modified Nano Titanium catalyst to provide a powerful anti-bacterial, anti-mold, anti-allergen and deodorizing effect.

#### Antibacterial

Hitachi's new Nano Titanium Wasabi Air Purifying Filter has been proven to effectively deactivate over 99% of bacteria.

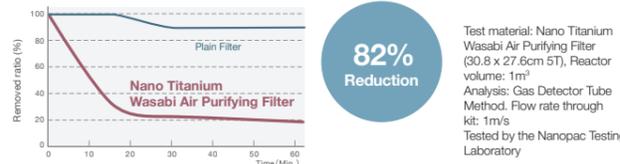


Bacteria sample (Staphylococcus aureus) is 99% deactivated in 24 hours. Tested by University Putra Malaysia. Test Method: JISZ2801:2000

#### Odor Removal

The Nano Titanium Wasabi Air Purifying Filter thoroughly deodorizes air. Up to 82% removal in only an hour.

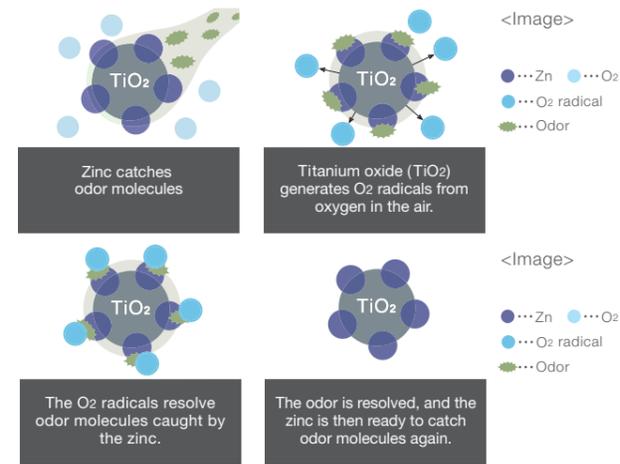
#### Ammonia Deodorizing Effect



Test material: Nano Titanium Wasabi Air Purifying Filter (30.8 x 27.6cm 5T), Reactor volume: 1m<sup>3</sup>  
Analysis: Gas Detector Tube Method. Flow rate through kit: 1m/s  
Tested by the Nanopac Testing Laboratory

#### Principle of Nano Titanium's action

The TiO<sub>2</sub> catalyst has a bacteria deactivation and deodorizing effect.



#### Anti-bacterial Tangential Fan

Anti-bacterial treated T-fan prevents bacterial growth and provides better room hygiene. It has silver and other ions with anti-microbial power bonded into its mineral structure. They are seldom erode out with water or solvent and thus its anti-microbial effect will last long.

Test sample	Staphylococcus aureus		Escherichia coli	
	Bacteria count	value of antimicrobial activity	Bacteria count	value of antimicrobial activity
1	1.4E6	-	3.0E7	-
2	10>	or higher 5.1	10>	or higher 6.5

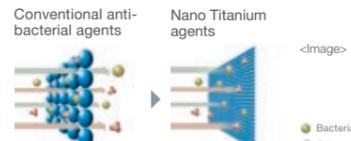
\*\*E\* appealing in the table indicates an exponent (eg. 1.0E5=1.0x10<sup>5</sup>)  
\*\*<10\* appealing in the table means "NON DETECTED"  
Test Method: Evaluated according to JIS Z 2801 (year 2000 version)  
\* RAS-S30CPZ only

#### Mold and Fungi Suppression

The Nano Titanium Wasabi Air Purifying Filter dramatically suppresses fungal growth to keep your air fresh and free of mold at all times.

#### How Nano Titanium works

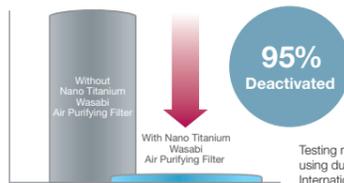
Nano Titanium particles are incredibly small (about 5nm). If you imagined the Earth's diameter is 1 meter, then 5nm would be the size of a golf ball compared to the Earth.



#### Anti-Allergen

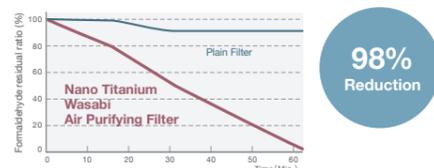
The Nano Titanium Wasabi Air Purifying Filter effectively deactivates harmful allergens such as dust mites and formaldehyde, which may cause allergic diseases such as asthma.

#### Dust Mite Allergen Deactivation



Testing method: 6-hour ELISA assay using dust mite allergen. Tested by the International Medical University Malaysia.

#### Formaldehyde Reduction Effect



## Comfort and Reliability



### Super Cool Mode

For optimum comfort, just press the Super cool Mode button

A single press of the Super cool Mode button (solely for operating the Super cool Mode function) immediately starts Super cool Mode operation. In this mode, air flow reaches much further to quickly cool the room with maximum cooling power and the highest efficiency. When you arrive home on a hot day, just tap the button to feel cool and comfortable almost instantly.



### Fireproof Electrical Enclosure



Customer safety is Hitachi's top priority. Hitachi prides itself on meeting the highest international manufacturing standards and insists on using 100% metal housing to enclose and tightly seal its electrical and electronic components. This ensures there is virtually no possibility of fire spreading and posing a safety hazard to our consumers.

## Durable



### Green Fin Condenser

The Green Fin Condenser lasts up to 3 times longer than standard types, thanks to its coating of green rust-resistant coating. This innovative feature protects the condenser from adverse conditions, thus ensuring cost-effective, environment-friendly operation.

Applicable models: RAC-S18CPA(G) / S24CPA(G) / S30CPZ, RAC-S18HPA(G) / S24HPA(G) / S30HPA(G)

## Energy Saving

### Energy Saving Indoor Unit

#### 1. Smooth Air Flow

To make air flow smoother, the air inlet is about 40% bigger than in conventional air conditioners. The smoother the air flow, the less electricity is needed for fan rotation.

#### 2. Super Big Louver

With a surface area 15% larger than before, the Super Big Louver helps to deliver and spread a larger amount of air using less energy.

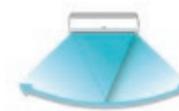


15% Bigger Louver

Applicable models: RAS-S18CPA/S24CPA/S30CPZ, RAS-S18HPA/S24HPA/S30HPA(G)

### Twin Air Swing

#### Parallel Swing



When the Parallel Swing function is selected, the air conditioner flaps swing together from left to right. You can enjoy comfortable cooling regardless of where the air conditioner flaps are facing.



### DC Power System

The "hum" normally caused by electromagnetic waves in conventional AC motors is totally eliminated with Hitachi's DC power system, whereby indoor unit operates at DC 35 V. In addition, a DC system is absolutely safe and 10 % more efficient than conventional systems.



### Auto Restart

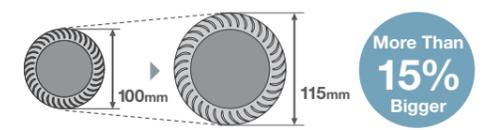
After a power failure, the air-conditioner resumes operation automatically in the same mode as before.

#### 4. Lambda Heat Exchanger

The large surface area of the multi dimensional lambda Heat Exchanger dramatically increases the ratio of heat transfer. By assuring good energy efficiency, this contributes to large energy savings.

#### 3. Super big T-FAN

Hitachi's indoor unit feature a super big fan that's more than 15% bigger than conventional indoor unit fans. Increasing the diameter of the fan decreases fan rotation to assure high efficiency and energy saving.



# Tropical Model 55°C



**Tropical Cooling:** RAS-S18CPA/(G), RAS-S24CPA/(G)  
**Tropical Heat Pump:** RAS-S18HPA(G), RAS-S24HPA(G), RAS-S30HPA(G)



**Tropical Cooling:** RAS-S30CPZ



**Cooling Outdoor**  
 RAC-S24CPA/(G) RAC-S18CPA/(G) RAC-S30CPZ

**Heat Pump Outdoor**  
 RAC-S24HPA(G) RAC-S18HPA(G) RAC-S30HPA(G)

- Super big T-FAN
- Super Big Louver
- Lambda Heat Exchanger
- Super Cool Mode
- Nano Titanium Wasabi Air Purifying Filter
- Fireproof Electrical Enclosure

Data Table		Heat Pump			Cooling		
Model	Indoor	RAS-S18HPA(G)	RAS-S24HPA(G)	RAS-S30HPA(G)	RAS-S18CPA/(G)	RAS-S24CPA/(G)	RAS-S30CPZ
	Outdoor	RAC-S18HPA(G)	RAC-S24HPA(G)	RAC-S30HPA(G)	RAC-S18CPA/(G)	RAC-S24CPA/(G)	RAC-S30CPZ
<b>Performance</b>							
Power Supply	ø.V./Hz	1,220~240,50	1,220~240,50	1,220~240,50	1,220~240,50	1,220~240,50	1,220~240,50
Nominal Capacity (min-max) [T3]	Cooling	5.30[18.080][4.60[15700]]	7.04[24.020][5.68[19390]]	8.10[27.650][6.40[21840]]	5.30[18.080][4.60[15700]]	7.04[24.020][5.68[19390]]	8.55~8.65
	Heating	5.36[18.290]	7.05[24.060]	8.55[29.170]	-	-	-
Total Input [T3]	Cooling	1900[2280]/2020	2265[2880]/2400	2900[3634]/3000	1900[2280]/2020	2265[2880]/2400	3000~3130
	Heating	1600/1710	2365/2540	2900/3060	-	-	-
Total Amperes [T3]	Cooling	8.80[10.6]/8.70	10.80[12.40]/10.50	13.30[16.5]/12.60	8.80[10.6]/8.70	10.80[12.40]/10.50	13.9~14.0
	Heating	7.50/7.50	11.40/11.20	13.30/12.90	-	-	-
EER/COP [T3]	Cooling	2.79[2.02]/2.62	3.11[1.97]/2.93	2.79[1.76]/2.70	2.79[2.02]/2.62	3.11[1.97]/2.93	9.72~9.43
	Heating	3.35/3.13	2.98/2.78	2.95/2.79	-	-	-
Indoor Air Flow Volume [Hi/Hi/Me/Lo]	Cooling	17.5/15.3/12.5/11.0	18.4/17.5/12.0/9.8/-	17.5/15.3/12.5/11.0/-	17.5/15.3/12.5/11.0/-	18.4/17.5/12.0/9.8/-	18.0 / 16.0 / 14.0
	Heating	-/13.4/11.6/9.7	-/15.5/12.0/10.0	-/14.5/10.8/9.5	-	-	-
Sound Pressure Level [Hi/Hi/Me/Lo]	Indoor	Cooling	49/47/43/39	49/47/43/39	49/47/43/39	49/47/43/39	47/43/40/38
		Heating	45/42/39	45/42/39	45/42/39	-	-
	Outdoor	Cooling	52	52	55	52	52
		Heating	52	54	55	-	-
Usable Outdoor Temperature	Cooling	21 ~ 55			21 ~ 55		
	Heating	-10 ~ 21			-		
Dehumidifying Capacity	l/h	2.8	2.8	5.2	2.8	2.8	5.2

Features		Heat Pump			Cooling		
Removeable, Washable Panel		•		•			•
Super Wide Horizontal Louver		•		•			•
Super Wide Discharge Outlet		•		•			•
Automatic Shift of Fan Speed		3 Speed		3 Speed			3 Speed
Auto Air Flow Direction Control		Horizontal & Vertical		Horizontal & Vertical			Horizontal & Vertical
Sleep Mode Control		•		•			•
Remote Controller Timer		12 hours		12 hours			12 hours
Auto Restart		•		•			•
LED Self Diagnosis		•		•			•
Air Purifying Filter Type		Nano Titanium Wasabi			Nano Titanium Wasabi		
Pre Filter		Anti- Mold			Anti- Mold		
Anti Corrosion Coating on Outdoor Condenser		Green Fin			Green Fin		

Installation		Heat Pump			Cooling		
Net Dimension (Packing Dimension) (WxHxD)	Indoor	900x300x230 (970x300x360)			900x300x230 (970x300x360)		
	Outdoor	750x570x280 (905x630x395)	850x650x298 (1000x700x390)	750x570x280 (905x630x395)	850x650x298 (1000x700x390)	850x800x298 (1008x848x394)	
Net Weight (Gross Weight)	Indoor	11(12)	11(12)	11(12)	11(12)	11(12)	18(20)
	Outdoor	38(40)	52(55)	60(62)	38(40)	52(55)	70(75)
Piping Size	Liquid/Gas	6.35/12.7	6.35/15.88	6.35/15.88	6.35/12.7	6.35/15.88	6.35/15.88
Max. Piping Length ( height)	m	15(10)	15(10)	30(10)	15(10)	15(10)	30(10)

Specification and designs are subject to change without prior notice  
 Color tones of actual products may differ from those shown in this catalogue



# Tropical Model 55°C



Tropical Heat Pump : RAS-S18HPA, RAS-S24HPA, RAS-S30HPA



**Heat Pump Outdoor**  
 RAC-S24HPA RAC-S18HPA  
 RAC-S30HPA

- Super big T-FAN
- Super Big Louver
- Lambda Heat Exchanger
- Super Cool Mode
- Nano Titanium Wasabi Air Purifying Filter
- Fireproof Electrical Enclosure

Data Table		Heat Pump		
Model	Indoor	RAS-S18HPA	RAS-S24HPA	RAS-S30HPA
	Outdoor	RAC-S18HPA	RAC-S24HPA	RAC-S30HPA
<b>Performance</b>				
Power Supply	ø.V./Hz	1,220~240,50	1,220~240,50	1,220~240,50
Nominal Capacity (min-max) [T3]	Cooling	5.30[18.080][4.60[15700]]	7.04[24.020][5.68[19390]]	8.10[27.650][6.40[21840]]
	Heating	5.36[18.290]	7.05[24.060]	8.55[29.170]
Total Input [T3]	Cooling	1900[2280]/2020	2265[2880]/2400	2900[3400]/3000
	Heating	1600/1710	2365/2540	2900/3060
Total Amperes [T3]	Cooling	8.80[10.6]/8.70	10.80[12.40]/10.50	13.30[16.00]/12.60
	Heating	7.50/7.50	11.40/11.20	13.30/12.90
EER/COP [T3]	Cooling	2.79[2.02]/2.62	3.11[1.97]/2.93	2.79[1.88]/2.70
	Heating	3.35/3.13	2.98/2.78	2.95/2.79
Indoor Air Flow Volume [Hi/Hi/Me/Lo]	Cooling	17.5/15.3/12.5/11.0	18.4/17.5/12.0/9.8/-	17.5/15.3/12.5/11.0/-
	Heating	-/13.4/11.6/9.7	-/15.5/12.0/10.0	-/14.5/10.8/9.5
Sound Pressure Level [Hi/Hi/Me/Lo]	Indoor	Cooling	49/47/43/39	49/47/43/39
		Heating	45/42/39	45/42/39
	Outdoor	Cooling	52	52
		Heating	52	54
Usable Outdoor Temperature	Cooling	21 - 55		
	Heating	-10 - 21		
Dehumidifying Capacity	l/h	2.8	2.8	5.2

Features		Heat Pump		
Removeable, Washable Panel		•		
Super Wide Horizontal Louver		•		
Super Wide Discharge Outlet		•		
Automatic Shift of Fan Speed		3 Speed		
Air Flow Direction Control		Horizontal & Vertical		
Sleep Mode Control		•		
Remote Controller Timer		12 hours		
Auto Restart		•		
LED Self Diagnosis		•		
Air Purifying Filter		Nano Titanium Wasabi		
Pre Filter		Anti- Mold		
Anti Corrosion Coating on Outdoor Condenser		Green Fin		

Installation		Heat Pump		
Net Dimension (Packing Dimension) (WxHxD)	Indoor	900x300x230 (970x300x360)		
	Outdoor	750x570x280 (905x630x395)	850x650x298 (1000x700x390)	
Net Weight (Gross Weight)	Indoor	11(12)	11(12)	
	Outdoor	38(40)	52(55)	60(62)
Piping Size	Liquid Gas	6.35/12.7	6.35/15.88	6.35/15.88
Max. Piping Length ( height)	m	15(10)	15(10)	30(10)

Specification and designs are subject to change without prior notice  
 Color tones of actual products may differ from those shown in this catalogue



# Fixed Speed Split AC Series

Zunoh's revolutionary technology delivers exceptional energy-efficient performance. Its cutting-edge iSense technology adjusts its temperature to give you uninterrupted comfort all night long. Experience cooling like never before with Zunoh.



## Key Features



## Air Sleep Cooling Control Technology

A sound sleep at night after a long day at work is what every person craves for. Hitachi's iSense technology helps you catch on that much needed rest. It provides a comfortable sleeping environment by regulating the room temperature according to a person's active body movements. So that one can have a sound sleep at night and wake up fresh the next morning.

In Air Sleep Cooling Control Technology, infra-red sensor detects human movement during sleep, in case of no active movement, the AC increases the temperature by 1°C per hour for 2 hours.

## Stainless Steel Coated Filter

The Hitachi stainless steel coated filter helps in improving the indoor air quality by suppressing the growth of bacteria. It is also easy to clean as it does not let dust settle on its surface and can be cleaned with a single wipe without even using water. The stainless steel is of high quality and extremely resistant to corrosion resulting in durability and hygiene.

**ULTRA LOW SOUND LEVEL T-FLOW WAVE BLADE FANS**  
T-Flow Wave Blade Fan ensures larger air volume. Its aerodynamic blade design angle ensures ultra low sound level.

**LOWEST SOUND LEVEL 33 DB FOR 1.5 TR & 37 DB FOR 2.0 TR**

## Technical Specifications

SPLIT AIR CONDITIONERS - COOL ONLY			
Model Name		Zunoh	Zunoh
Tonnage Class	TR	1.5	2.0
MODEL NUMBER - UNIT		RAU518AWDEU	RAU323AWDEU
MODEL NUMBER - IDU		RAS518AWDEU	RAS323AWDEU
MODEL NUMBER - ODU		RAC518AWDEU	RAC323AWDEU
RATED POWER SUPPLY	PHASE / FREQUENCY / VOLTAGE	1 PHASE / 50 Hz / 230 VOLTS	
Rated Cooling Capacity	BTU/Hr	18000	23000
Rated Cooling Capacity-	Watts	5275	6741
Total Power Input-	Watts	1535	2190
EER	Rated Cooling Capacity (Watts) / Power Input (Watts)	3.44	3.08
Current Drawn	(Amp)	6.9	9.8
Compressor	Type	Rotary	Rotary
Fan Speed	Nos.	5	5
Air Flow (IDU) (Super High)	CFM	600	650
Sound Level* (IDU)	dB(A)	33	37
Dimension (IDU)	(W X H X D) (mm)	997x294x298	997x294x298
Dimension (ODU)	(W X H X D) (mm)	750x548x288	792x600x299
GROSS Dimension (IDU)	(W X H X D) (mm)	1040x360x341	1040x360x341
GROSS Dimension (ODU)	(W X H X D) (mm)	903x588x410	957x650x413
Net/GROSS Weight (IDU)	Kg	13/15.3	13/15.3
Net GROSS Weight (ODU)	Kg	41.2/44.8	48.1/52
Remocon	Type	LCD	LCD
Controller	Type	ELECTRONIC TYPE - WIRELESS	
Piping Connection (Small/Large)	mm	6.35/15.88	
Refrigerant		R-22	R-22
Container QTY. - 20 ft	Nos.	80	72
Container QTY. - 40 ft	Nos.	170	155

Features may vary from model to model.  
\*At Super silent fan speed & at a distance of 1 m.  
Hitachi air-conditioners are designed to work in ambient temperatures upto 52°C.  
Due to continuous research & development, specifications, features, IDU/ODU Colour/Remote may change without prior notice.  
\*\*Technical Specifications, models and designs are subject to change by country without prior notice.

## ZUNOH U SERIES



## KEY FEATURES



## TECHNICAL SPECIFICATIONS

Technical Specifications		Zunoh U Series					
Tonnage Class		1.0 TR	1.5TR	2.0TR	2.5TR	3.0TR	
Set Model		RSE012ABDA2EU	RSB018ABDA2EU	RMB024ABDA2EU	RBZ030HBD A2EU	RBZ036HBD A2EU	
Outdoor Model		CSE012ABDA2EU	CSB018ABDA2EU	CMB024ABDA2EU	CBZ030HBD A2EU	CBZ036HBD A2EU	
Indoor Model		ESE012ABDA2EU	ESB018ABDA2EU	EMB024ABDA2EU	EBZ030HBD A2EU	EBZ036HBD A2EU	
Power supply	V/Ph/Hz	220-240V/1PH/50HZ					
Cooling @ T1 / T3	Capacity	Btu/h	12400/9900	18800/16500	23000/20500	27700/23000	35700/30200
	Capacity	W	3634/2902	5510/4836	6741/6008	8118/6741	10463/8851
	Power Input	W	1040/1250	1730/2090	2350/2790	2500/3000	3700/4330
	Rated current	A	4.61/5.54	7.6/9.2	10.4/12.37	11/13.3	16.4/19.2
	EER	Btu/h-W	11.92/7.92	10.87/7.89	9.79/7.35	11.08/7.67	9.65/6.97
	EER	W/W	3.49/2.32	3.18/2.31	2.87/2.15	3.25/2.25	2.83/2.04
STAR RATING (UAE)		3	3	2	2	1	
Indoor fan motor	Power Output	W	18	18	30	50	60
	Speed (SH/Hi/Me/Lo/SS)	rpm	1200/1100/1000/900/800	1200/1100/1000/900/800	1300/1250/1200/1150/1100	1100/1000/900	1210/1080/900
Indoor air flow (Hi)	m3/h	722	1020	1100	1250	1380	
Indoor noise level (SH/Hi/ME/LO/SS)	dB(A)	47/45/43/40/36	49/47/44/40/36	50/48/46/45/44	47/44/39	52/48/43	
Indoor dimension	Unit (WxHxD)	mm	798X295X245	997X294X258	997X294X258	1186x343x258	1259X362X282
	Packing (WxHxD)	mm	882X371X335	1040 X 360 X 341	1040 X 360 X 341	1265x420x340	1340X450X380
Indoor weight	Net/Gross	kg	9.5/11	13/16.3	13/16.3	17.6/22.7	19.5/25
	Type		Rotary				
Compressor	Capacity	Btu/h	10864	17742	22127	25368	34325
	Power input	W	1070	1700	2155	2475	3470
	Rated current(RLA)	A	4.95	8.0	10.4	11.6	16.6
	Locked rotor Amp(LRA)	A	28	48	60	67	80
	Thermal protector		Internal Protection				
	Capacitor	µF	30	55	45	70	90
Outdoor fan motor	Power Output	W	35	35	58	120	120
	Capacitor	mF	2.5	2.5	3	8	8
	Speed	rpm	860	860	900	900	900
Outdoor air flow	m3/h	2040	2040	2380	2720	2720	
Outdoor noise level	dB(A)	54	54	56	60	60	
Outdoor dimension	Unit (WxHxD)	mm	750X548X288	750X548X288	792X600X299	935X735X390	935X735X390
	Packing (WxHxD)	mm	858 X 360 X 313	858 X 360 X 313	957 X 650 X 413	1045x870x530	1045x870x530
Outdoor weight	Net/Gross	kg	34/37	39/42	46/50	63/90	63/90
Refrigerant	Type		R410A	R410A	R410a	R410A	R410A
	Charge	g	1000	1120	1440	2090	2070
Refrigerant pipe	Liquid Line/Suction Line	mm(Ø)	6.35/12.7	6.35/15.8	6.35/15.88	9.53/19.05	9.53/19.05
	Max. refrigerant pipe length	m	25	25	25	25	25
	Max. difference in level	m	10	10	10	10	10
Operation temperature range	°C	20-32					
Ambient Operation temperature range	°C	16-52					

Nominal testing conditions @T1:  
Cooling - Indoor 80.6°F DB / 66.2°F WB (27°C DB / 19°C WB) & Outdoor 95°F DB / 75.2°F WB (35°C DB / 24°C WB)  
Nominal testing conditions @T3:  
Cooling - Indoor 84.2°F DB / 66.2°F WB (29°C DB / 19°C WB) & Outdoor 114.8°F DB / 75.2°F WB (46°C DB / 24°C WB)  
\* Features not available in 2.5 and 3.0 TR  
\*\* Technical Specifications, models and designs are subject to change by country without prior notice.

## Easy Maintenance & Cleaning

### Auto Self Clean – Auto Filter Cleaning Robot

The pre-filter is automatically cleaned before dust accumulates for easier maintenance.

Pre-filter comparison after 1 month of operation\*1

\*1 Based on test results using the Auto Operation mode in an approx. 30m<sup>2</sup> living room.

**Auto Self Clean**  
Manual (press for 3 sec)

You can also start automatic self cleaning as desired by pressing the Auto Self Clean button.

A brush moves up and down to remove dust.

The Auto Self Clean unit can be washed with water.

### Easy maintenance

As a rule, empty the dust box about **once a year** \*2

When the dust box becomes full of dust, an indication\*3 lets you know it is time to empty it. The box needs to be emptied about once a year, so it is not troublesome.

\*2 Based on the results of dust accumulation tests (assuming collection of approx. 0.2g of dust/month in an approx. 20m<sup>2</sup> room. In-house investigation.) The amount of dust differs depending on the environment in which the unit is used. Please regularly check the dust box and empty it when necessary.  
\*3 The indication is a rough guide.  
Even when the pre-filter is automatically cleaned, depending on conditions of use and the environment, there may be dirt that cannot be removed from the filter. If you are concerned about greasy dirt or other kinds of stubborn dirt, please regularly remove the filter and clean it.

## Easy Maintenance & Hygienic

### Stainless Clean System

Stainless steel anti-bacterial effect keeps it hygienic. The stainless steel used in the pre-filter, flap and net outlet help eliminate bacteria.

\*4 Not all of the bacteria in the air released by the air purifier are eliminated. Antibacterial effect of the (1) stainless pre-filter, (2) stainless flap, and (3) stainless net (outlet) • Testing authority: (1) and (2) Boken Quality Evaluation Institute, (3) Kitasato Research Center for Environmental Science • Test method: JIS Z 2801 (film contact method) • Test item: Attached bacteria • Sterilization method: Using the metal ion contained in stainless steel • Test results: 99% of bacteria eliminated after 24 hours.  
\*5 Stainless-steel coating.  
\*6 There is no anti-bacterial effect in the air released by the air purifier. Anti-bacterial effect of the silver ion fan • Testing authority: Boken Quality Evaluation Institute • Test method: JIS Z 2801 (film contact method) • Test item: Attached bacteria • Anti-bacterial method: Anti-bacterial components included into the silver ion fan • Test results: Anti-bacterial activity value 5.1 (anti-bacterial effect is present when the activity value is more than 2.0).

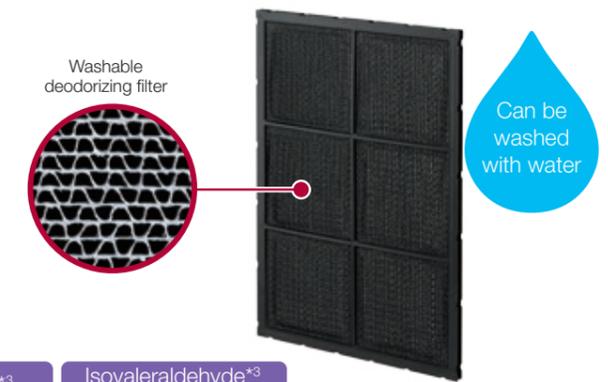
- Washable deodorizing filter
- Allergen-free HEPA filter for fine dust
- Back panel
- Auto Self Clean unit
- Stainless steel coating flap
- Eliminate Bacteria\*4
- Stainless net (outlet)
- Eliminate Bacteria\*4
- Stainless steel coated pre-filter\*5
- Eliminate Bacteria\*4
- Silver ion fan
- Suppress Bacteria\*6

## Deodorizing

### Washable deodorizing filter

Replacement not necessary for approx. 10 years\*1

Filter can be washed with water to restore deodorizing power\*2. This helps to reduce four major types of odor bases: nitrogen, aldehyde, acid and sulphur components.



\*1 In accordance with the JEM1467 standard of the Japan Electrical Manufacturers' Association. The number of years after which the odor elimination rate decreased by half with 5 cigarettes smoked per day. Maintenance or replacement may be required depending on conditions of use and the type and strength of odors.  
\*2 Depending on the odor, washing with water may not eliminate it. Restoration of deodorizing performance by washing with water gradually declines.

Ammonia*3 (pet odors, etc.)	Trimethylamine*4 (rotten fish odors, etc.)	Acetaldehyde*3 (tobacco odors, etc.)	Isovaleraldehyde*3 (barbecued/broiled meat odors, etc.)
Acetic acid*3 (pickled vegetable odors, etc.)	Isovaleric acid*3 (body odor, room-dried clothes odor, etc.)	Hydrogen sulfide*5 (drain/toilet odors)	Methylmercaptan*5 (rotten vegetable odors)

\*3 Effect in a 25m<sup>3</sup> enclosed space  
\*4 Suppression effect on cedar, ragweed and birch pollen, dust mite excreta, cat dander and other substances containing allergens  
\*5 Test results in a 1m<sup>3</sup> test chamber

### Wide and speedy dust collection

Applicable to a 79m<sup>2</sup> floor space. Rapidly collects dust in just 6 minutes in a 13m<sup>2</sup> room.

Increased air intake surface area achieved on the back lateral sides. By widely collecting dust from both sides, a 13m<sup>2</sup> room can be quickly purified in a mere 6 minutes.

Dust collection capacity applicable to a floor space of up to 79m<sup>2</sup>

Cleans a 13m<sup>2</sup> room in just 6 minutes

**Speedy air purifying with a massive air volume of 11 m<sup>3</sup> per min.**

**Time taken to clean**  
Displays time taken for dirt (powdered dust) of standard thickness to reach a level lower than the standard amount of such powdered dust in a room of approx. 13m<sup>2</sup>.



The 'wide and speedy dust collection' function enables air to be widely drawn in for rapid collection of dust in just 7 minutes (for EP-9000) and 9 minutes (for EP-M70E) in a 13m<sup>2</sup> room.

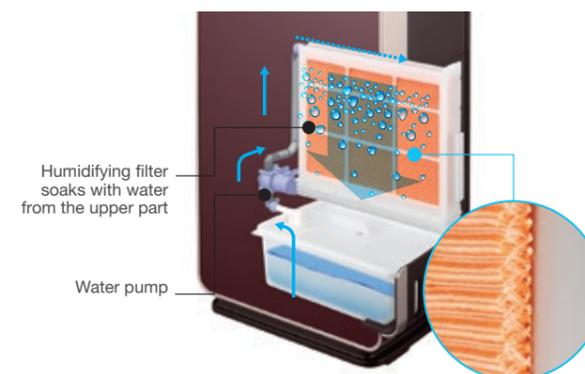
## Humidification

### Powerful humidification at 800mL/h

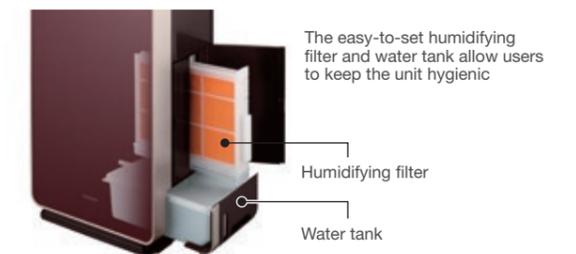
The feed-water pump supplies water from the upper part of the humidifying filter and controls the water quantity depending on the mode selected. Humidifies dry air powerfully.

#### Powerful humidification

The pleated humidifying filter is soaked with water from the upper part to achieve powerful humidification while effectively using the entire filter. The filter also has antibacterial and mold preventing functions and can be washed with water.



#### Easy maintenance



#### Antibacterial and mold prevention\*6



\*6 Antibacterial and mold prevention effects in the (1) water tank lid, (2) water tank, and (3) humidifying filter • Testing authority: (1), (2), (3) Boken Quality Evaluation Institute • Test method: Antibacterial Test (1) and (2) JIS Z 2801 (film contact method); (3) JIS L1902; Mold prevention Test (1), (2), (3) JIS Z 2911 • Test item: Attached bacteria and mold • Antibacterial and bacteria eradication method: Kneaded antibacterial and mold-preventive components into the resin • Test results: Antibacterial properties are 2.0 or higher (Antibacterial effect is considered to be effective when antibacterial properties are 2.0 or higher.) Mold resistance is proven in all (1), (2), and (3) as there was no mold detected

# User-friendly

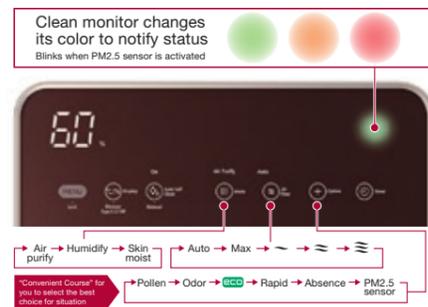
## Glass panel

Flat front glass panel is easy to clean – simply wipe off dirt. Reinforced glass is also scratch-resistant. Color does not fade and matches all home interiors.



## Touch panel operation

Touch panel has been incorporated on front glass panel.



## Slim design

Sleek, slim design of this large capacity unit occupies less space and is an ideal match for modern interiors.



# Low operating sound and energy-saving

Special emphasis has been placed on reducing noise during operation and lowering electricity cost

## Low noise operation

- 20 dB** Sound of leaves rustling on a tree
- 30 dB** Pendulum of a wall clock
- 40 dB** Inside a library
- 50 dB** Inside a regular office

	Silent	Medium	High	Max
EP-L110E	14dB	25dB	32dB	55dB

**eco** operation cuts energy consumption by up to 14%\*2 compared to normal automatic operation

When the air is clean or the level of humidity is suitable, the fan automatically pauses and resumes operation every hour.

\*2 Energy consumption compared between automatic operation and ECO operation in air purifying mode. Automatic operation: 6.8Wh, ECO operation: 5.6Wh. Tested by Hitachi. Reduction rate of power consumption varies depending on how dirty the air is. Reaction toward dealing with dirty air and corresponding to humidity changes may be slower compared to normal operation mode.

## EP-L110E

### Auto Self Clean – Auto Filter Cleaning Robot

The pre-filter is automatically cleaned before dust accumulates for easier maintenance.

A brush moves up and down to remove dust.



### Allergen-free HEPA & Washable Deodorizing Filter

Ready to remove a variety of dirt and odors from the air, including fine dust and allergens.

Can be washed with water

- Auto Self Clean
- Wide and Speedy Dust Collection
- Stainless Clean System
- Clean a 13m<sup>2</sup> room in just 6 min
- Powerful humidification at approx. 800mL/h
- Allergen-free HEPA Filter
- Washable Deodorizing Filter
- Touch Panel Operation

	Applicable Floor Space
Air Purifying	~79m <sup>2</sup>

## EP-A9000

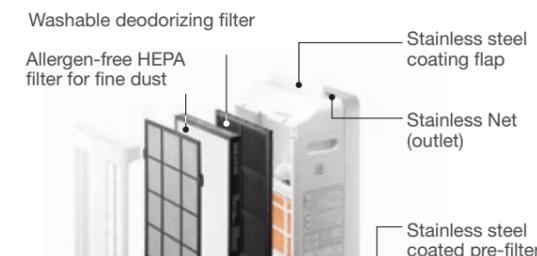


Champagne

- Wide & Speedy Dust Collection
- Stainless Clean System
- Clean a 13m<sup>2</sup> room in just 7 min
- Powerful humidification at approx. 800mL/h
- Allergen-free HEPA Filter
- Washable Deodorizing Filter
- Touch Panel Operation

	Applicable Floor Space
Air Purifying	~68m <sup>2</sup>

## EP-M70E



Pearl White

- Wide & Speedy Dust Collection
- Stainless Clean System
- Clean a 13m<sup>2</sup> room in just 9 min
- Powerful humidification at approx. 700mL/h
- Allergen-free HEPA Filter
- Washable Deodorizing Filter
- Touch Panel Operation

	Applicable Floor Space
Air Purifying	~53m <sup>2</sup>

## EP-NZG70J



Champagne

- Wide and Speedy Dust Collection
- Clean a 13m<sup>2</sup> room in just 9 min
- Allergen-free HEPA Filter
- Deodorizing Filter
- Touch Panel Operation

	Applicable Floor Space
Air Purifying	~53m <sup>2</sup>

## EP-A7000



- Powerful Operation  
Room size up to 50m<sup>2</sup>
- ECO Mode  
Saves 23% more energy compared to the Silent mode.
- Humidifying Function
- Quiet Silent Mode 15dB

	Applicable Floor Space
Air Purifying	~50m <sup>2</sup>

## EP-A6000



**INVERTER**

**PROACTIVE FILTRATION**



- ECO Mode  
Saves 23% more energy compared to the Silent mode.
- Humidifying Function
- Quiet Silent Mode 15dB

	Applicable Floor Space
Air Purifying	~46m <sup>2</sup>

## EP-A5000



Allergen-Free Catechin Deodorizing EPA Filter  
Thoroughly catches odors\*1 and pollen



**INVERTER**



- ECO Mode  
Energy consumption is up to about 36% less compared to regular automatic operation
- Humidifying Function
- Quiet Silent Mode 15dB

	Applicable Floor Space
Air Purifying	~33m <sup>2</sup>

\*1 Proven to effectively reduce ammonia, acetaldehyde, acetic acid and hydrogen sulfide. The results of deodorizing performance tests using single odor components in a 1m<sup>3</sup> test chamber. Tested by Hitachi. Deodorizing performance differs depending on the space where the unit is actually used.

## EP-NZ50J



Allergen-Free Catechin Deodorizing EPA Filter  
Thoroughly catches odors\*1 and pollen



**INVERTER**



- ECO Mode  
Energy consumption is up to about 44% less compared to regular automatic operation
- Quiet Silent Mode 18dB

	Applicable Floor Space
Air Purifying	~33m <sup>2</sup>

\*1 Proven to effectively reduce ammonia, acetaldehyde, acetic acid and hydrogen sulfide. The results of deodorizing performance tests using single odor components in a 1m<sup>3</sup> test chamber. Tested by Hitachi. Deodorizing performance differs depending on the space where the unit is actually used.

## EP-A3000



Allergen-Free Catechin Deodorizing EPA Filter  
Thoroughly catches odors\*1 and pollen



- 13cm Deep Compact Model



- Air suction from six different directions



	Applicable Floor Space
Air Purifying	~22m <sup>2</sup> / ~25m <sup>2</sup> (220V) (240V)

\*1 Proven to effectively reduce ammonia, acetaldehyde, acetic acid and hydrogen sulfide. The results of deodorizing performance tests using single odor components in a 1m<sup>3</sup> test chamber. Tested by Hitachi. Deodorizing performance differs depending on the space where the unit is actually used.

## Specification

Model Name	EP-L110E	EP-A9000	EP-M70E	EP-NZ670J	EP-A7000	EP-A6000	EP-A5000	EP-NZ50J	EP-A3000
Body Color	Brown	Champagne	Pearl White	Champagne	Premium Red, Premium Black, Premium White	Red, White	White	White	White
Power Supply	AC220-240V 50-60Hz	AC220-240V 50-60Hz	AC220-240V 50-60Hz	AC220-240V 50-60Hz	AC220-240V 50-60Hz	AC220-240V 50-60Hz	AC220-240V 50-60Hz	AC220-240V 50-60Hz	AC220-240V 50-60Hz
Applicable Floor Space (m <sup>2</sup> )*	79	68	53	53	50	46	33	33	22 25
Humidifying Capacity (mL/h)*	Approx. 800	Approx. 800	Approx. 700	-	Approx. 670	Approx. 670	Approx. 520	-	-
Tank Capacity (L)	Approx. 2.5	Approx. 2.5	Approx. 2.5	-	Approx. 2.5	Approx. 2.5	Approx. 2.5	-	-
Mode & Course	Air Purify, Humidify, Skin Moist, Pollen, Odor, Rapid, Absence, ECO	Air Purify, Humidify, Skin Moist, Pollen, Odor, Rapid, Absence, ECO	Air Purify, Humidify, Skin Moist, Pollen, Odor, Rapid, Absence, ECO	Air Purify, Pollen, Odor, Rapid, Absence, ECO	Air Purify, Humidify, Skin Moist, Pollen, Strong Deodorization, ECO	Air Purify, Humidify, Skin Moist, Pollen, Strong Deodorization, ECO	Air Purify, Humidify, Skin Moist, Pollen, Strong Deodorization, ECO	Air Purify, Pollen, Strong Deodorization, ECO	Air Purify, Pollen, Odor
Auto Self Clean	○	-	-	-	-	-	-	-	-
PM 2.5	○ (With Sensor)	○ (With Sensor)	○ (With Sensor)	○ (With Sensor)	○	○	○	○	○
STAINLESS CLEAN	○	○	○	○ (Outlet net)	-	-	-	-	-
Inverter Control	○	○	○	○	○	○	○	○	-
ECO Mode Efficiency vs Silent mode (%)	13	14	16	27	23	23	36	44	-
Removable Odors	Pet, Tobacco, Cooking, Rotten vegetables, Rotten fish, Grilled meat, Toilet, Sewage outlet	Pet, Tobacco, Cooking, Rotten vegetables, Rotten fish, Grilled meat, Toilet, Sewage outlet	Pet, Tobacco, Cooking, Rotten vegetables, Rotten fish, Grilled meat, Toilet, Sewage outlet	Pet, Tobacco, Cooking, Rotten vegetables, Rotten fish, Grilled meat, Toilet, Sewage outlet	Pet, Tobacco, Cooking, Rotten vegetables, Rotten fish, Grilled meat, Toilet, Sewage outlet, VOCs	Pet, Tobacco, Cooking, Rotten vegetables, Rotten fish, Grilled meat, Toilet, Sewage outlet, VOCs	Pet, Tobacco, Cooking, Toilet, Sewage outlet	Pet, Tobacco, Cooking, Toilet, Sewage outlet	Pet, Tobacco, Cooking, Toilet, Sewage outlet
Suppressible Substances	Mold, Bacteria, Viruses, Cedar pollen, Dead house dust mites	Mold, Bacteria, Viruses, Cedar pollen, Dead house dust mites	Mold, Bacteria, Viruses, Cedar pollen, Dead house dust mites	Mold, Bacteria, Viruses, Cedar pollen, Dead house dust mites	Mold, Bacteria, Viruses, Cedar pollen, Dead house dust mites	Mold, Bacteria, Viruses, Cedar pollen, Dead house dust mites	Mold, Cedar pollen, Dead house dust mites	Mold, Cedar pollen, Dead house dust mites	Mold, Cedar pollen, Dead house dust mites
Air Flow Rate	Max High Medium Silent	Max High Medium Silent	Max High Medium Silent	Max High Medium Silent	Max High Medium Silent	Max High Medium Silent	Max High Medium Silent	Max High Medium Silent	Max High Medium Silent
Air Flow Clean air mode (m <sup>3</sup> /min)	11 4 3.1 1.1	9 4 2.7 1.1	7.2 4 2.7 1.1	7 4 2.7 1.1	7 4.5 3.4 1	6.5 4.5 3.5 1	5 4.3 3 1	5 4 2.8 1	2.8/3.2 1.4/1.1 0.9/0.6 2.8/3.2 1.7/1.4 1.2/0.8
Air Flow Clean air & humidifying (m <sup>3</sup> /min)	6.7 4 3.1 2	6.7 4 2.7 1.6	6 4 2.7 1.6	-	6 3.5 2.9 0.8	6 3.5 2.9 0.8	4.5 3.7 2.8 0.9	-	-
Power Consumption Clean air mode (W)	95 13 11 8	85 16 10 7	59 16 11 8	50 13 8 6	60 22 14 4	60 22 14 4	50 32 14 4	45 32 14 4	37/43 21/20 18/16 37/43 25/24 22/20
Power Consumption Clean air & humidifying (W)	28 13 11 8	43 16 10 8	41 16 11 9	-	60 16 11 4	60 16 11 4	40 28 14 5	-	-
Sound Clean air mode (dB)	55 32 25 14	54 38 30 15	49 38 30 15	49 35 25 15	52 42 38 15	52 42 38 15	50 46 40 15	50 45 38 18	47/51 36/30 29/28 47/51 37/35 32/31
Sound Clean air & humidifying (dB)	44 32 25 16	48 38 30 20	47 38 30 20	-	50 40 36 13	52 40 36 13	50 46 40 15	-	-
Filter Type (Approx. filter life)	Washable Prefilter ● (Stainless) Allergen-free HEPA Filter (10 years*) ● (H13) Allergen-free HEPA Filter (8 years*) - Allergen-free HEPA Filter + Deodorizing Filter (10 years*) - Allergen-free Catechin Deodorizing EPA Filter (2 years*) - Heavy Duty Deodorizing Filter (10 years*) - Washable Deodorizing Filter (10 years*) ● Humidifying Filter (120 months*) ● Humidifying Filter (36 months*) -	Washable Prefilter ● (Stainless) Allergen-free HEPA Filter (10 years*) ● (H13) Allergen-free HEPA Filter (8 years*) - Allergen-free HEPA Filter + Deodorizing Filter (10 years*) - Allergen-free Catechin Deodorizing EPA Filter (2 years*) - Heavy Duty Deodorizing Filter (10 years*) - Washable Deodorizing Filter (10 years*) ● Humidifying Filter (120 months*) ● Humidifying Filter (36 months*) -	Washable Prefilter ● (Stainless) Allergen-free HEPA Filter (10 years*) ● (H13) Allergen-free HEPA Filter (8 years*) - Allergen-free HEPA Filter + Deodorizing Filter (10 years*) - Allergen-free Catechin Deodorizing EPA Filter (2 years*) - Heavy Duty Deodorizing Filter (10 years*) - Washable Deodorizing Filter (10 years*) ● Humidifying Filter (120 months*) ● Humidifying Filter (36 months*) -	Washable Prefilter ● Allergen-free HEPA Filter (10 years*) ● (H13) Allergen-free HEPA Filter (8 years*) - Allergen-free HEPA Filter + Deodorizing Filter (10 years*) - Allergen-free Catechin Deodorizing EPA Filter (2 years*) - Heavy Duty Deodorizing Filter (10 years*) - Washable Deodorizing Filter (10 years*) - Humidifying Filter (120 months*) - Humidifying Filter (36 months*) -	Washable Prefilter ● Allergen-free HEPA Filter (10 years*) ● (H13) Allergen-free HEPA Filter (8 years*) - Allergen-free HEPA Filter + Deodorizing Filter (10 years*) - Allergen-free Catechin Deodorizing EPA Filter (2 years*) - Heavy Duty Deodorizing Filter (10 years*) ● Washable Deodorizing Filter (10 years*) - Humidifying Filter (120 months*) - Humidifying Filter (36 months*) ●	Washable Prefilter ● Allergen-free HEPA Filter (10 years*) ● (H13) Allergen-free HEPA Filter (8 years*) - Allergen-free HEPA Filter + Deodorizing Filter (10 years*) - Allergen-free Catechin Deodorizing EPA Filter (2 years*) - Heavy Duty Deodorizing Filter (10 years*) ● Washable Deodorizing Filter (10 years*) - Humidifying Filter (120 months*) - Humidifying Filter (36 months*) ●	Washable Prefilter ● Allergen-free HEPA Filter (10 years*) - Allergen-free HEPA Filter (8 years*) - Allergen-free HEPA Filter + Deodorizing Filter (10 years*) - Allergen-free Catechin Deodorizing EPA Filter (2 years*) ● (E12) Heavy Duty Deodorizing Filter (10 years*) - Washable Deodorizing Filter (10 years*) - Humidifying Filter (120 months*) - Humidifying Filter (36 months*) ●	Washable Prefilter ● Allergen-free HEPA Filter (10 years*) - Allergen-free HEPA Filter (8 years*) - Allergen-free HEPA Filter + Deodorizing Filter (10 years*) - Allergen-free Catechin Deodorizing EPA Filter (2 years*) ● (E12) Heavy Duty Deodorizing Filter (10 years*) - Washable Deodorizing Filter (10 years*) - Humidifying Filter (120 months*) - Humidifying Filter (36 months*) -	Washable Prefilter ● Allergen-free HEPA Filter (10 years*) - Allergen-free HEPA Filter (8 years*) - Allergen-free HEPA Filter + Deodorizing Filter (10 years*) - Allergen-free Catechin Deodorizing EPA Filter (2 years*) ● (E12) Heavy Duty Deodorizing Filter (10 years*) - Washable Deodorizing Filter (10 years*) - Humidifying Filter (120 months*) - Humidifying Filter (36 months*) -
Remote Control	-	-	-	-	●	●	●	●	●
Off Timer	(4 hours or 2 hours)	(4 hours or 2 hours)	(4 hours)	(4 hours)	(4 hours)	(4 hours)	(4 hours)	(4 hours)	(2 hours)
Sensors	Odor, Dust, Humidity, Temperature	Odor, Dust, Humidity, Temperature	Odor, Dust, Humidity, Temperature	Odor, Dust	Odor, Dust, Humidity	Odor, Dust, Humidity	Odor, Humidity	Odor	Odor
Power cord (m)	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
Dimensions (HxWxD) (mm)	673×360×291	669×360×254	669×360×254	669×360×254	584×430×273	584×430×273	537×430×242	537×430×242	424×400×133
Weight (kg)	13.7	12.5	12	10.5	10	10	8.5	7	4

\*1 Applicable floor space for operating the unit at max. air flow rate (JEM1467; The Japan Electrical Manufacturers' Association)

\*2 Measurement conditions: 20°C, 30% humidity (JEM1426)

\*3 In accordance with the JEM 1467 standard. In a test of dust collecting and deodorizing capability with 5 cigarettes smoked per day, the period of time after which air purifying took twice as long as the initial time, and the odor removal rate became half the initial rate.

\*4 In a test performed with humidifying operation of 8 hours a day and washing with tap water once a month, the periods of time after which the level of humidification became half the initial level.

\*3&4 Since there are theoretical values, under actual conditions of use, replacement may be required after a shorter period of time.

Specifications and designs are subject to change without notice.  
Color tone of actual products may differ from those shown on the catalog.

# SMALL HOME APPLIANCES

## Lineup / Water Dispenser/Electric Stand Fan

### Water Dispenser/HWD-B30000

- Bottom loading design
- Empty bottle indicator
- Hot, Normal and Cold water
- Child lock button

Power: 520W  
Voltage: AC220-240V  
Freq: 50/60Hz



### Water Dispenser/HWD-12000

- Two faucets for hot and cold water
- Child safety lock for hot faucet
- Quiet and energy saving design
- Double safety device for preventing overheat
- High efficiency compressor cooling (R134a)
- 20L Spacious Cabinet

Power: 660W Freq: 50/60Hz  
Voltage: AC220V-240V



### Water Dispenser/HWD-4000

- Two faucets for hot, cold and normal water (transfer switch for normal / cold faucet)
- Child safety lock for hot faucet
- Quiet and energy saving design
- Double safety device for preventing overheat
- High efficiency compressor cooling (R134a)
- 20L Spacious Cabinet

Power: 660W Freq: 50/60Hz  
Voltage: AC220-240V



### Water Dispenser/HWD-20000

- Deluxe design
- Three faucets for hot, cold and ambient water
- Child safety lock for hot water
- High efficiency compressor cooling
- Double safety device for preventing overheat
- 20L spacious cabinet

Power: 660W Freq: 50/60Hz  
Voltage: AC220-240V



### Tower Fan/ESP-T2000R

- Easy assembly
- 3 speeds (high, mid and low)
- 3 modes (normal, natural and sleep)
- OFF timer (1,2,4,8 hours)
- Horizontal oscillation (80 degrees)
- With remote control

Dimensions:  
W 290.2 x D 290.2 x H 921.5 (mm)  
Power: 65W  
Voltage: AC220-240V  
Freq: 50Hz



## Lineup / Oven



### Electric Oven/HOTG-52

- Capacity: 52L
- Temperature: Min (room temperature) ~230°C
- Timer: 120min (with stay on)
- Heating element: stainless steel (6 pcs)
- Function: 4shifts. Defrost, Broil/Convection, Bake/Convection, Broil/Roast/Convection
- With rotisserie function.
- With crumb tray

Power: 2000W Freq: 50Hz  
Voltage: AC230V



### Electric Oven/HOTG-42

- Capacity: 42L
- Temperature: Min (room temperature) ~230°C
- Timer: 120min (with stay on)
- Heating element: stainless steel (4 pcs)
- Function: 4shifts. Defrost, Broil/Convection, Bake/Convection, Broil/Roast/Convection
- With rotisserie function.
- With crumb tray

Power: 1800W Freq: 50Hz  
Voltage: AC230V



### Electric Oven/HOTG-30

- Capacity: 30L
- Temperature: Min (room temperature) ~230°C
- Timer: 120min (with stay on)
- Heating element: stainless steel (4 pcs)
- Function: 4shifts. Defrost, Broil/Convection, Bake/Convection, Broil/Roast/Convection
- With rotisserie function.
- With crumb tray

Power: 1600W Freq: 50Hz  
Voltage: AC230V



### Microwave Oven/HMR-M2001

- Capacity: 20L
- Operate Mode: Mechanical
- Type: Turntable
- Function: Defrost, Timer (35min)

Output power: 700W Freq: 50Hz  
Voltage: 230-240V



### Microwave Oven/HMR-D2011

- Capacity: 20L
- Operate Mode: Digital
- Type: Turntable
- Function: Defrost, Auto cooking menus (6menus), Child lock

Output power: 700W Freq: 50Hz  
Voltage: 230-240V



### Microwave Oven/HMR-D2311

- Capacity: 23L
- Operate Mode: Digital
- Type: Turntable
- Function: Defrost, Auto cooking menus (6menus), Child lock

Output power: 800W Freq: 50Hz  
Voltage: 230-240V

## Lineup / Gas Table



### Three-burner Gas Table/MPH-310RI

- Stainless steel top plate
- Brass burner head
- 4 Enamel pan support
- Ignition system: Piezo-electric

Dimension: 717 x 392 x 152 mm Weight: 4.4 kg  
Gas Consumption: 3300 + 700 + 3300 (Kcal/h)



### Two-burner Gas Table/MPH-210RI

- Stainless steel top plate
- Brass burner head
- 4 Enamel pan support
- Ignition system: Piezo-electric

Dimensions: 717 x 392 x 152 mm Weight: 3.9 kg  
Gas consumption: 3300 + 3300 (Kcal/h)



### One-burner Gas Table/MPH-110RI

- Stainless steel top plate
- Cast iron burner head
- 4 Enamel pan support
- Ignition system: Piezo-electric

Dimensions: 396 x 280 x 146 mm  
Weight: 2.0 kg  
Gas consumption: 2350 (Kcal/h)

## Lineup / Sandwich Maker/Kettle/Toaster



### Sandwich Maker/HS-7010

- With Stainless steel decorated cover
- Non-stick coating cooking plate
- Easy open handle
- With light indicator function

Power: 700W Freq: 50/60Hz  
Voltage: AC220V-240V

### Kettle/HEK-E60

- Max. capacity 1.7L
- 360 degree cordless for ease of use
- Stainless steel housing
- Automatic/manual switch off
- External water level indicator

Power: 1850W-2200W Freq: 50/60Hz  
Voltage: AC220V-240V



### Sandwich Maker/HS-7020

- Non-stick coating cooking plate
- Easy open handle
- With light indicator function

Power: 700W Freq: 50/60Hz  
Voltage: AC220V-240V



### Toaster/HTO-E20

- Stainless steel body
- 2 slices toaster with 32mm wide mouth slot
- Refrost, reheat and cancel button
- With bread frame
- With slide out crumb tray

Power: 730W-870W Freq: 50/60Hz  
Voltage: AC220V-240V

## Lineup / Shaver and Trimmer

### Shaver/RM-F4400BF

- 4 Blades & Blade edge 27°
- Washable
- AC100V-240V, Rechargeable



### Shaver/RM-T4300BF

- 3 Blades & Blade edge 27°
- Washable
- AC100V-240V, Rechargeable



### Shaver/RM-5000MK4

- Free voltage: 100-240V
- Charging time: 5H
- 50mm wide foil
- Sharp inner blade



### Trimmer/CL-5100EX

- 5 Steps cropping depth adjustment (3, 6, 9, 12 & 15 mm)
- Battery-operated: AA x 2
- Battery Life: Approx. 10 times with one-time use of 5 Mins.
- Comb attachment, Stand, Beard Comb, Cleaning Brush & Oil



### Rechargeable Beard Trimmer/CL-5250

- 5-step cropping depth adjustable
- 16-hour full charge
- Accessory: comb, brush, oil, stand and AC charger

Power: 220-230V



### Bead Trimmer/CL-7500BF

- Free voltage: 100-240V
- Charging time : 5H
- Cutting Length: 0.5/1/2/3/4/5/6/7/8mm (9 steps)



### Bead Trimmer/CL-5500

- Charging time : 16H
- Cutting Length: 3/6/9/12mm (4 steps)

Power: 220V

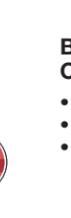


### Bead Trimmer/CL-3550BF

- Free voltage: 100-240V
- Charging time : 5H
- Cutting Length: 3/6/9/12mm (4 steps)

### Trimmer/CL-9800BF

- Sharp-edge blade
- Dial-type cropping length adjustment in 26 steps
- AC100-240V



### Bead Trimmer/CL-9600BF

- Free voltage: 100-240V
- Charging time : 5H
- Cutting Length: 1/4/7/10mm (4 steps)



### Battery Operated Nose Trimmer/BM-300

- Alkaline AA x 1pc for Approx. 5 Months (90 sec. Use once a week)
- Washable
- Cleaning brush

Power: AA x 1 Battery



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