General Catalog 2010-2011







INVERTER

Hitachi's Innovative Inverter Technology

Currently used in high-speed railway systems and the latest hybrid cars. Hitachi's inverter technology has always contributed to the development of society. By automatically controlling the motor, this inverter technology enables optimum operation with little wasted energy.

Intelligent Inverter Compressor

ntelligent, 7-step cooling power setting of the compressor matches conditions inside the refrigerator. Hitachi's nigh-precision compressor also assures high efficiency, high durability, low vibration and low noise. And the eco-friendly refrigerant R600a has zero ozone depleting potential as well as minimal global warming potential.

World Leader in Cooling and Eco-Friendly Performance

10%*1 Quicker Freezing

Delivers more powerful cooling than a non-inverter model by switching to the highest power to rapidly freeze food and ice cubes.



*1 Tested by Hitachi. Compared with R-M700G

More Energy Saving

condition of each compartment but also the outside temperature and other factors.

With all the monitored information, the microcomputer then selects the most suitable cooling power from 7 settings. It switches to a higher power setting when door is opened often, and to a lower power setting when cool enough. In this way, inverter technology efficiently saves energy.

5dB*2 Quieter Operation

Operation switched to a lower setting and minimal on/off compressor switching let you enjoy a peaceful, quiet living environment



*2 Tested by Hitachi. Compared with R-M700G. Test conditions: Ambient temperature of 30°C and stable interior conditions without opening or closing the door. Noise level may differ depending on the ambient temperature and status of use.

The multiple sensors constantly monitor not only the Up to

Energy Saving

Generating Authority of Thailand Compared with R-M700G.

Image of Inverter Operation Inverter

No Plumbing Required Tank Type Ice Dispenser*4



Hitachi's advanced Ice Dispenser allows you to enjoy clean ice and drinking water anytime you want, with no construction. Just pour mineral

water into the large 4 liter tank, and ice is automatically made for you.

4 R-M700GP, R-M700G and R-S700G only

MINUS-ZERO Cooling



Hitachi's MINUS-ZERO Cooling uniform radiation cooling delivers outstanding performance to retain the flavors, moisture and nutritional value of food.

Blue Digital Display



The clear blue LED display offers a stylish appearance that adds a modern touch to your kitchen.

Third Compartment with Fresh Vegetables*5



The completely separate compartment prevents transfer of odors and is always full of clean air that has passed through a Nano Titanium filter. Then efficient, indirect cooling also maintains high humidity at an optimum 90%*6 to assure vegetables stay fresh.

R-M700GP, R-M700G and R-M700E only

Extremely Large Capacity



Thanks to its unique low-floor design and compact evaporator, our refrigerator offers amazingly large storage capacity with a depth of 600mm, making it an ideal match for modern kitchen interiors.

Bright Xenon Lamps



All compartments are brightly lit with the kind of xenon lamps used for car headlights. In addition to a long operating life, these lamps help to save energy.

Lineup / Side-by-Side Inverter Series

INVERTER





R-M700GP Mirror (MIR)



- Inverter-controlled System
- Tank Type Ice and Water Dispenser Separate Vegetable Compartment
- MINUS-ZERO Cooling
- Blue Digital Display
- Xenon Lamp
- Tempered Glass Shelves
- Nano Titanium Filter
- Automatic Ice Maker Chill Leaking Alarm

W910 × H1760 × D720 (mm)



(MIR)

Lineup / Side-by-Side Series



R-M700G



R-M700E





R-S700E

- Tank Type Ice and Water Dispenser*
- Separate Vegetable Compartment**
- MINUS-ZERO Cooling
- Blue Digital Display
- Electronic Control
- Xenon Lamp
- Tempered Glass Shelves
- Nano Titanium Filter
- Automatic Ice Maker*
- Chill Leaking Alarm * R-M700G and R-S700G only ** R-M700G and R-M700E only

W910 × H1760 × D720 (mm)

Glass Silver (GS)

(GBK)

Texture White (TWH)

Glass White

Compartment

Twist Ice Tray**

Front Jet Freezing

Movable Twist Ice Tray*

Tempered Glass Shelves

new

Advanced MINUS-ZERO Cooling Keeps Food Fresh



The Ice-cold 0°C MINUS-ZERO panel is the same temperature as a large block of ice, providing uniform radiation cooling inside the refrigerator.

Preserves more moisture and nutrition

MINUS-ZERO Cooling preserves moisture, nutrition, and the fresh taste of food for a healthier life.

High efficiency cooling

The high efficiency of MINUS-ZERO Cooling ensures more energy saving.



in front of the panel.

Researched by Hitachi. Model: R-Z660 Attention: When storing vegetables in the compartment, it is recommended to wrap them in plastic film and place them

Big, Super-Moisture Vegetable Compartment*2



Keeps Vegetable Crisp and Fresh

Assures vegetable freshness by maintaining optimum moisture in an indirectly-cooled compartment with gaskets.







- *2 R-Z660, R-Z610, R-Z570, R-Z530 only.

Bigger Storage Capacity

The large capacity vegetable compartment can hold plenty of fruits and vegetables. What's more, the Movable Separater lets you easily organize stored items.

Front Jet Freezing*5



Chilled air is provided from both front and back through a full-width honeycomb outlet to reach every corner of the freezer compartment, ensuring optimal freezing.

Cools uniformly and quickly

Front Jet Freezing ensures uniform cooling regardless of the amount of the food stored. It can also freezes newly put items quickly, even when full of items



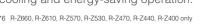


*5 R-Z660, R-Z610, R-Z570, R-Z530, R-Z470, R-Z440, R-Z400 only

Image of Temperature Distribution

Electronic Control*6

Microcomputer controls temperature inside the refrigerator for optimal cooling and energy-saving operation.







Smart Control Dial*7

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

7 R-Z660, R-Z610, R-Z570, R-Z530, R-Z470, R-Z440, R-Z400 only

Nano Titanium Technology

Nano Titanium filter uses the cuttingedge technology of a TiO2 catalyst. It is packed with incredibly small (about 5nm) particles to firmly catch bacteria, mold and odors.



Sample: Esherichia coli

Tempered Glass Shelves

Elegant look shelves are durable, scratch-proof, spill-proof and heatresistant.



Lineup / Big2 Series





Electronic Control **Dimensions** R-Z660: W845 × H1810 × D715 (mm) R-Z610: W845 × H1710 × D715 (mm) R-Z570: W740 × H1795 × D710 (mm) R-Z530: W740 × H1700 × D710 (mm)

TWH

Lineup / Stylish Line Series

R-Z660

R-Z470 R-Z440

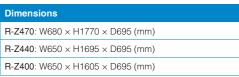




Features

MINUS-ZERO Cooling

- Front Jet Freezing Movable Twist Ice Tray
- Tempered Glass Shelves
- Electronic Control Smart Control Dial
- Nano Titanium Filter
- Lock and Key (Option)





Features

- MINUS-ZERO Cooling
- Tempered Glass Shelves
- Cool Jet Wrap Nano Titanium Filter
- Lock and Key (Option)

R-Z350: W590 × H1550 × D605 (mm) R-Z320: W540 × H1590 × D610 (mm) R-Z270: W540 × H1390 × D610 (mm) R-Z240: W540 × H1280 × D610 (mm)



Solfege Series

R-Z320

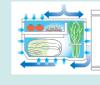
R-Z350

Inverter-controlled System

Equipped with an intelligent microcomputer, Inverter-controlled refrigerator adjusts the cooling power depending on the temperature inside the refrigerator. It assures efficient, effective cooling and also quiet, energy-saving operation.

High-Moisture Radiation Cooling

In the vegetable compartment, because chilled air is not blown directly onto



vegetables, there is minimal drying and freshness is retained.





Inverter-controlled system*** Tempered Glass Shelf MINUS-ZERO Cooling*** 3-way Flexible Shelf

- Slide Type Double Deck
- Nano Moisture Freezing** Quick Freezina
 - Bottle Corner Automatic Ice Maker
- Electronic Control Chill Leaking Alarm Nano Titanium Filter

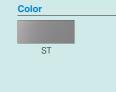
*** B-SF37 only

R-SF37: W590 × H1798 × D615 (mm) R-S37: W590 × H1798 × D615 (mm) R-S31: W540 × H1725 × D615 (mm)



R-S37



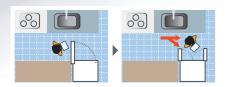


*8 Tested by Japan Food Research Laboratorie

Big French Series

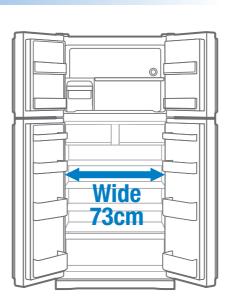


Amazingly wide interior space for easy storage of large items. It's even wide enough for party platters.



Center-divided French Doors

Half-door opening lets you use more space and prevents chilled air escaping.



Smart One-touch Operation with the Digital Control Panel

A quick push of a button can instantly activate any of four microcomputer-controlled operation modes. You can adjust the inside temperature without opening the door.



Four smart operation modes

Quick Freezing

For keeping nutrients and flavor of fresh food by quickly freezing them. Also suitable for quick ice

fresh longer by maintaining a lower temperature than normal freezing.

Energy Saving

Child Lock

Powerful Freezing

For keeping frozen food



Electronic Control

Microcomputer controls temperature inside the refrigerator for optimal cooling and energysaving operation.



Automatic Ice Maker*1

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

R-W660:

R-W570:

Glass Silver

W845 × H1800 × D715 (mm)

 $W740 \times H1795 \times D720 \text{ (mm)}$

Lineup / Big French Series





Features

- MINUS-ZERO Cooling
- Big, Super-Moisture Vegetable
- Front Jet Freezing**
- Automatic Ice Maker* Quick and Powerful Freezing**
- Electronic Control**
- Digital Display*
- Water Dispenser**
- Nano Titanium Filter Tempered Glass Shelves





Specifications

Series		Inverter		Side b	y Side		
Door		3Door	3D	oor	2D	oor	
Model		R-M700GP	R-M700G	R-M700E	R-S700G	R-S700E	
Dimensions	Width	910	910	910	910	910	
(mm)	Height	1,760	1,760	1,760	1,760	1,760	
	Depth with Handle	760	760	760	760	760	
	Depth without Handle	720	720	720	720	720	
Refrigerator	MINUS-ZERO Cooling	•	•	•	•	•	
Compartment	Water Tank with Filter	•	•	-	•	_	
	Tempered Glass Shelves	•	•	•	•	•	
	Dairy Pocket	•	•	•	•	•	
	Xenon Lamp	•	•	•	•	•	
Vegetable	Super Moist Drawers	3	3	3	2	2	
Compartment	2-Way Humidity Controller	•	•	•	•	•	
	Xenon Lamp	•	•	•	-	-	
Freezer	Automatic Ice Maker	•	•	-	•	-	
Compartment	Twist Ice Tray	_	-	•	-	•	
	Tempered Glass Shelves	•	•	•	•	•	
	Drawers	3	3	3	2	2	
	Xenon Lamp	•	•	•	•	•	
General	Separate Veg.Compartment	•	•	•	_	_	
Features	Ice Dispenser	•	•	_	•	_	
	Inverter-controlled System	•	-	-	-	-	
	Electronic Control	•	•	•	•	•	
	Blue Digital Display	•	•	•	•	•	
	Nano Titanium	•	•	•	•	•	
	Refrigerant	R600a		R10	 134a		
Color		MIR	GS/GBK/GWH/TWH				

Series		1	Big French	1
Door		4D	oor	3Door
Model		R-W660F	R-W660E	R-W570A
Dimensions	Width	845	845	740
(mm)	Height	1,800	1,800	1,795
	Depth without Handle	715	715	720
Refrigerator	MINUS-ZERO Cooling	•	•	•
Compartment	Tempered Glass Shelves	•	•	•
	Slide Out Chilled Case	•	•	•
	Water Tank with Filter	•	•	-
Vegetable	Big, Super-Moisture	•	•	•
Compartment	2-way Humidity Controller	•	•	•
Freezer	Front Jet Freezing	•	•	-
Compartment	Automatic Ice Maker	•	-	-
	Twist Ice Tray	-	•	•
	Quick Freezing	•	•	_
	Tempered Glass Shelf	•	•	_
General	Electronic Control	•	•	-
Features	Control Panel	•	•	-
	Blue Digital Display	•	-	-
	Chill Leaking Alarm	•	•	_
	Water Dispenser	•	•	-
	Water Dispenser Light	•	•	-
	Nano Titanium	•	•	•
	Aluminum Door Handle	•	•	•
	Refrigerant		R134a	1
Color	Glass	GS/GBK	GS/GBK	GS/GBK
	Stainless Steel	_	STS	_

Series			Bi	g2				S	tylish Lir	пе			Solfege		
Door				oor					2Door				4Door		oor
Model		R-Z660	R-Z610	R-Z570	R-Z530	R-Z470	R-Z440	R-Z400	R-Z350	R-Z320	R-Z270	R-Z240	R-SF37	R-S37	R-S31
Dimensions	Width	845	845	740	740	680	650	650	590	540	540	540	590	590	540
(mm)	Height	1,810	1,710	1,795	1,700	1,770	1,695	1,605	1,550	1,590	1,390	1,280	1,798	1,798	1,725
	Depth without Handle	715	715	710	710	695	695	695	605	610	610	610	615	615	615
Refrigerator	MINUS-ZERO Cooling	•	•	•	•	•	•	•	•	•	•	•	•	_	_
Compartment	Tempered Glass Shelves	(•)	(•)	(●)	(•)	(●)	(•)	(•)	(●)	(●)	(●)	(•)	•	•	•
	3-way Flexible Shelf	_	_	_		_	_	_		_	_		•	•	•
	Slide Out Chilled Case	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Vegetable	Big,Super-Moisture	•	•	•	•	_	_	_	_	_	_	_	_	_	_
Compartment	2-Way Humidity Controller	•	•	•	•	•	•	•	•	•	•	•	-	_	_
	High-moisture Radiation														
	Cooling	-	_	_	_	_	_	_	_	_	_	_	•	•	•
	Slide Type Double Deck														
	Drawer	_	-	-	-	-	_	-	-	-	-	_	•	•	•
Freezer	Front Jet Freezing	•	•	•	•	•	•	•	-	-	-	-	-	_	-
Compartment	Movable Twist Ice Tray	_	_	•	•	•	•	•	_	_	_	_	_	_	_
	Twist Ice Tray	•	•	_	_	_	_	_	_	_	_	_	_	_	_
	Automatic Ice Maker	(●)	_	_	_	_	_	_	_	_	_	_	•	•	•
	Tempered Glass Shelf	(●)	(●)	(●)	(●)	(●)	(●)	(●)	(●)	(●)	(●)	(●)	-	_	-
	Slide Type Double Deck Drawer	_	_	_	_	_	_	_	_	_	_	_	•	•	•
General	Inverter-controlled System	_	_	_	_	_	_	_	_	_	_	_	•	_	_
Features	Electronic Control	•	•	•	•	•	•	•	_	_	_	_	•	•	•
	Smart Control Dial	•	•	•	•	•	•	•	_	_		_	•	•	•
	Cool Jet Wrap	•	•	•	•	•	•	•	•	•	•	•	_	_	_
	Nano Titanium	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Aluminum Door Handle	•	•	•	•	_	_	_	_	_	_	_	_	_	-
	Lock and Key	(●)	(●)	(●)	(●)	(●)	(●)	(●)	(●)	(●)	(●)	(●)	_	_	_
	Refrigerant	1	R1;	34a	1		R134a	1		R1;	34a	I		R600a	L
Color	Stainless Steel		S	TS			STS				_			ST	
	PCM		SLS/TW	/H/PWH		SL	S/TWH/P	WH		SLS/	PWH			_	

(•): Option

Specifications and designs are subject to change without notice.

Color tone of actual products may differ from those shown in this catalog.

Beat Wave Wash

4 Step Wash

Active Beat Lifter creates a concentrated detergent liquid that penetrates deep into fabrics, and pushes clothes up and down to wash them more thoroughly. In addition, the Beat Shower creates a powerful water flow for thorough washing and rinsing.





detergent solution to penetrate deep into the fibers of clothes.



assures that the detergent with the surface of clothes.



dirt made easier to remove by the previous three steps.

detergent under the pulsator. comes into complete contact

Active Beat Lifter

The unique Active Beat Lifter pushes clothes up and down to wash them more thoroughly than ever.



Beat Shower

With powerful showers from two outlets in the tub, the Active Beat Lifter circulates water and agitates clothes to prevent tangling and assure thorough washing and rinsing.



Various Washing Programs

You can select the most suitable course from 9-10 programs*1, for everything from heavily soiled work clothes and jeans to delicate fabrics and even items that require hand washing such as silk shirts and woolens. Quick wash (SPEEDY) and energysaving (ECONOMY) courses are also provided. To make things easier still, the control panel features an easy-to-read design with user-friendly pictograms.



SF-120JJS Control Panel

Intelligent Spin — for Optimum Spin-Drying of Any Type of Fabric

Variable Spin Control

Just like a drum-type washing machine, this new unit lets you vary spin-dry speed. 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. It's made possible by software control technology that constantly monitors the tub during the spin cycle with a rotation sensor.

WASHING MACHINE

You can confirm the speed with a glance at the clear blue LED display.

Beat Wave Wash Series



400rpm

ingerie and delicate stretch and lose their



600rpm

DETERGENT

this is the ideal spin-



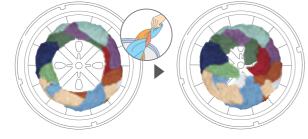
800rpm

HITACHI

Quickly and thoroughly ms made of tougher orics such as ieans

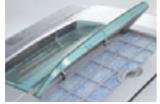
Tangle - Free Finish

When the spin cycle ends, the pulsator repeatedly moves clockwise and counterclockwise, first making items fall off the tub and then untangling them. This unique Hitachi feature makes it much easier to take clothes out of the tub. And minimal tangling means fewer wrinkles on clothes left in the tub for long time after spin-drying.



Air Jet Dry

This high-speed air drying system draws in fresh air through vents on the rear of the lid that create a high vortex to dry your washing faster.



Delicate Fabric Care

Gentle spin-drying at a much lower speed is ideal for washing delicate fabrics



Extra Large Capacity*2

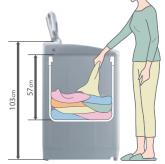


Hitachi's high-performance motor lets you wash extra-Large loads. With the big 15-16kg capacity, you can wash three single-size blankets at once

*2 Applicable to SF-160JJS, SF-P160JJS and SF-P150JJ







* Features differ depending on the model. Please refer to the specifications

Dual Water Inlet

Only models with a Drain Pump are equipped with a Dual Water Inlet. It is possible to switch between Hot/Warm/Cold by connecting up to cold water and hot water outlets.





Lineup / Beat Wave Wash Intelligent Spin



SF-160JJS (Metallic Gray/Emerald) (Metallic Gray/Rose)

- Variable Spin Control
- Tangle-Free Finish
- Air Jet Dry with Nano Titanium

PUMP







(Cool Gray/Emerald) (Cool Gray/Rose)



SF-100JJS/SF-85JJS (Cool Gray/Emerald) (Cool Gray/Rose)

- Delicate Fabric Care
- Active Beat Lifter
- Deep Penetration Wash

SF-P160JJS

- Beat Shower* Anti-Bacterial Lint Filter
- * Not applicable to SF-85JJS

Lineup / Beat Wave Wash Air Jet Dry



(White/Emerald)

- Deep Penetration Wash
- Active Reat Lifter
- Beat Shower**

12kg **PUMP**



SF-P120JJ (White/Emerald)

Air Jet Dry with Nano Titanium

Anti-Bacterial Lint Filter

** Not applicable to SF-80JJ



10.5 kg / 9.5 kg

PUMP

SF-P105JJ/SF-P95JJ (White/Emerald)



8ka

SF-80JJ (Cool Gray/Emerald)

Air Jet Dry 7_{kg} SF-70JJZ Tangle-Free Finish Deep Penetration Wash

Anti-Bacterial Lint Filter

Twin Tub

Air Jet Dry with Nano Titanium Filter

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





1,450rpm Turbo Dry

Revolutionary 1,450rpm spin speed dries clothes faster, for greater convenience.



Dust Cover

Keeps dust and water away from the control panel.



 \bigcirc

Liquid Balancer

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



Corrosion-Proof Frame

All Hitachi washing machines feature a sturdy external metal frame for maximum durability and corrosion resistance.



Lineup / Twin Tub



PS-1100KJ PS-1100KJP

- Air Jet Dry with Nano Titanium
- Super Fast Spin-Dry Speed 1,450rpm
- Dust Cover
- Soak Timer
- 2-way Wash Action





PS-1050K

8 kg / 7 kg



PS-990KJ/PS-980KJ

8kg / 7kg PUMP

PS-990KJP/PS-980KJP







PS-1050K PS-990KJ/PS-980KJ PS-990KJP/PS-980KJP

- Air Jet Dry with Nano Titanium***
- Super Fast Spin-Dry Speed 1,450rpm
- Dust Cover
- Soak Timer
- 2-way Wash Action
- *** Not applicable to PS-1050K

Specifications

Single Tub

Series						Beat	Wave Wash S	Series				
Model		SF-160JJS	SF-P160JJS	SF-120JJS	SF-100JJS	SF-85JJS	SF-P150JJ	SF-P120JJ	SF-P105JJ	SF-P95JJ	SF-80JJ	SF-70-JJZ
Capacity (kg)	16	16	12	10	8.5	15	12	10.5	9.5	8	7
Dimension	ns (WxHxD, mm) (*)	715x1088x776	7145x1088x776	656x1028x614	590x1059x608	590x1059x608	715x1088x776	656x1028x614	590x1059x608	590x1059x608	590x1059x608	560x985x576
Weight (N	et/Gross, kg)	63/69	64/71	45/52	38/45	25/42	64/71	45/52	38/45	35/42	33/38	37/42
4-step Wa	sh	•	•	•	•	•	•	•	•	•	•	•
Active Bea	at Lifter	•	•	•	•	•	•	•	•	•	•	-
Beat Show	ver	•	•	•	•	-	•	•	•	•	-	•
Variable S	Spin Control	•	•	•	•	•	=	ı	-	-	-	-
Tangle Fre	ee Finish	•	•	•	•	•	=	-	-	-	-	•
Delicate F	abric Care	•	•	•	•	•	-	-	-	-	-	-
Air Jet Dry	1	•	•	•	•	•	•	•	•	•	•	•
Spin Spee	ed (rpm)	400, 600, 800	400, 600, 800	400, 600, 800	400, 600, 800	400, 600, 800	800	800	800	800	800	850
Wash Pro	gram	10	9	10	10	10	9	9	9	9	10	8
Tub		Stainless	Stainless	Stainless	Stainless	Stainless	Stainless	Stainless	Stainless	Stainless	Stainless	Stainless
Water Lev	rel Selector	•	•	•	•	•	•	•	•	•	•	•
Water Ten	np Selector	=	•	=	-	=	•	•	•	•	-	-
Dual Wate	er Inlet Valve	-	•	-	-	-	•	•	•	•	-	
Delay Tim	er	•	•	•	•	•	•	•	•	•	•	•
Remainin	g Time Display	•	•	•	•	•	•	•	•	•	•	-
Safety Chi	ild Lock	•	•	•	•	•	•	•	•	•	•	•
Auto Resta	art	•	•	•	•	•	•	•	•	•	•	-
Drain Pun	пр	-	•	_	-	-	•	•	•	•	-	-
Color	Body	Metallic Gray	White	Cool Gray	Cool Gray	Cool Gray	White	White	White	White	Cool Gray	Fresh Gray
	Flap/Window	Emerald/Rose	Emerald	Emerald/Rose	Emerald/Rose	Emerald/Rose	Emerald	Emerald	Emerald	Emerald	Emerald	Emerald

Twin Tub

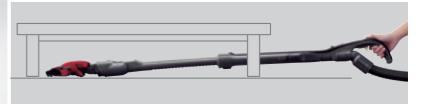
Model		PS-1100KJ	PS-1100KJP	PS-1050K	PS-990KJ	PS-990KJP	PS-980KJ	PS-980KJP
On and the (law)	Wash	10.5	10.5	10.5	8	8	7	7
Capacity (kg)	Spin-dry	9	9	9	7	7	5	5
Dimensions (WxH	IxD, mm) (*)	922x1010x509	922x1010x509	922x1010x509	835x978x461	835x978x461	835x978x461	835x978x461
Weight (Net/Gros	s, kg)	34.5/39	35/40	34.5/39	28.5/33	30.5/35	28/32	29/33
Drain Pump		-	•	-	-	•	-	•
Air Jet Dry with Nano Titanium Fi	lter	•	•	-	•	•	•	•
Wash Action Sele	ector	•	•	•	•	•	•	•
Spin Tub		Plastic	Plastic	Plastic	Plastic	Plastic	Plastic	Plastic
Spin Dry Timer		7 min.	7 min.	5 min.	7 min.	7 min.	7 min.	7 min.
SoakTimer		•	•	•	•	•	•	•
Color		White	White	White	White	White	White	White



Multi Angle Head

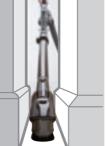


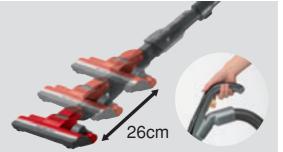
Hitachi's original Multi Angle Head rotates vertically 90° either side, so you can reach dust between furniture and in narrow spaces. The head also stays flat for thorough cleaning even under low furniture.



One-Touch Swivel Brush & Zoom Pipe







Remove the head, and the One-Touch Swivel Brush appears to enable cleaning of narrow or high areas. With the One-Touch Zoom Pipe, you can adjust the length of pipe to suit your height or the cleaning area just by pulling a trigger.

For Extra Convenience

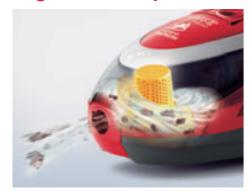


Quick carrying handle assures easy carrying even on stairs.



Regardless of how you move or rotate the head, the Twist-free hose remains free of twists.

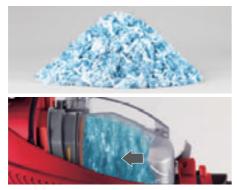
High Power Cyclone



High Power 1800-2100W Motor

Direct high-power suction assures maximum efficiency. And centrifugal airflow creates a cyclonic effect that prevents even small dust particles escaping.

*1 Wattage differs depending on the model. Please refer to the specifications.



Dust Compression Technology holds 3.2litres of dust

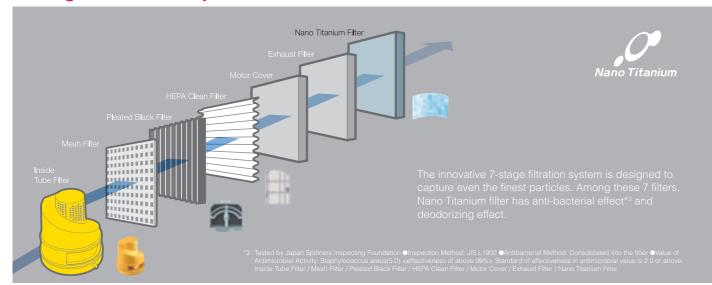
Dust compression technology compresses dust by 50%*2, so even though the capacity of the dust case is 1.6L, it can hold 3.2L of dust. *2 Tested by Hitachi, Compression rate varies depending on dust type



Easy Dust Disposal

Easy, one-touch operation means your hands stay clean, and because dust is wellcompressed it can be removed with minimal dust flying. Cleaning dust case is easy, too.

7-stage Filtration System



Easy Filter Maintenance

The dust disposal mechanism lets you easily remove fine dust attached to the back of the pleated black filter to maintain its filtering efficiency.

Dust Disposal Mechanism



Pleated Black Filter



Inside Tube Filter





Maintenance Brush

Designed for More Efficient Cleaning

Holder

Grip Handle



The grip fits comfortably in hand, so rotating head

Convenient Tool

Holds two easy-to-remove nozzle types for different vacuuming needs.

Telescopic

Extension Pipe

Enables pipe length adjustment as desired.

Compact Body with Large Wheels



The large wheels assure light, smooth movement.

Blower Function

With this handy function you can blow dust from hard-to-reach areas.

Lineup / Cyclone Type



Lineup / Canister Type

CV-3180 Bogless

dust indicator

Tool storage space

Automatic cord rewind

Lineup / Pot Type

• 7.5-liter dust capacity with dust indicator

Powerful 1300W (Max.) motor

Cloth filter

CV-100

Cloth filter

Long 3m hose

On board tool storage





CV-7180 Bagless Powerful 1800W (Max.) motor Nozzle with adjustment lever • 6.5-liter big dust capacity with dust indicator Cloth filter Telescopic pipe

CV-BM16











CV-3160 Bagless

- Powerful 1600W (Max.) motor • 5-liter big dust capacity with dust indicator
- Cloth filter
- Tool storage space Automatic cord rewind







CV-T190

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







WINE RED

Lineup / Pail Can Type

High Power

Our new series features a maximum input wattage of 2,200W. This high suction power vacuum cleaner results in a cleaner room.

Multi Angle Head*1

Hitachi's original Multi Angle Head rotates vertically 90°either side and also stays flat, so you can reach dust between furniture, in narrow spaces and even under low furniture. What's more, the grip fits comfortably in hand, so rotating head is easy.



*1 Applicable to CV-970BR only.

Stronger Body

With the newly added ribs, the can is 18%*2 stronger compared with each of the previous models.

*2 Applies to CV-970BR, CV-960BR. Calculated by Hitachi.

Extra Large Dust Capacity

Compared to the smaller vacuum cleaner, the large capacity one saves you time with dust disposal.



TITANIUM GOLD

CV-960BR

- Powerful 2100W (Max.) motor
- Extra large 21-liter dust capacity
- Strong metal body
- Telescopic pipe and hose stand
- Cloth filter
- On board tool storage
- Blower function





WINE RED

CV-950BR

Cloth filter

Grip handle

- Powerful 2000W (Max.) motor
- Extra large 18-liter dust capacity
- Strong metal body
- Extension pipe and hose stand
- Cloth filter On board tool storage
- Blower function







CV-945BR Large 15-liter dust capacity

- Powerful 1800W (Max.) motor
- Strong metal body
- Extension pipe and hose stand
- Cloth filter
- On board tool storage
- Blower function



CV-940BR

- Powerful 1600W (Max.) motor
- Large 12-liter dust capacity
- Strong metal body Extension pipe and
- hose stand
- On board tool storage
- Blower function





PLATINUM GRAY

Specifications

Series			CY	CLONE SERI	ES			CA	NISTER SER	IES	
Model		CV-SJ21V	CV-SK21V	CV-SP20V	CV-SH20V	CV-SH18	CV-BH18	CV-7180	CV-3180	CV-3160	CV-BM16
Motor Max.P	ower (W)	2100	2100	2000	2000	1800	1800	1800	1800	1600	1600
Power Contro	ol	•	•	•	•	-	-	-	_	-	_
Automatic Co	rd Reel	•	•	•	•	•	•	•	•	•	•
Dust Filterati	on	Dust case	Dust case	Dust case	Dust case	Dust case	Cloth bag	Cloth Filter	Cloth Filter	Cloth Filter	Paper/ Cloth bag
Dust Capacit	y (L)	1.6	1.6	1.6	1.6	1.6	3.0	6.5	5.0	5.0	1.5
Filter		Nano Titanium &HEPA clean	Nano Titanium &HEPA clean	Nano Titanium &HEPA clean	Nano Titanium &HEPA clean	Nano Titanium	Nano Titanium	Standard	Standard	Standard	Standard
Dust Indicato	ır	•	•	•	•	•	•	•	•	•	•
Suction Cont	rol	•	•	•	•	•	•	•	•	•	•
Blower Funct	ion	•	•	•	•	•	•	-	-	-	-
Extension Wa	and	Telescopic One Touch Zoom Pipe	Telescopic	Telescopic	Telescopic	Metal	Metal	Telescopic	Plastic	Plastic	Plastic
Grip handle		•	•	•	-	-	-	-	-	-	-
Tool Storage		•	•	•	•	•	•	•	•	•	•
Hose Stand		•	•	•	•	•	•	•	•	•	•
	Length	385	385	385	385	385	385	513	475	473	288
Dimension (mm)	Width	282	282	282	282	282	282	276	276	276	256
(11111)	Height	226	226	226	226	226	226	225	225	225	214
Weight (kg)		4.9	4.9	4.9	4.9	4.7	4.3	4.4	4.3	4.3	3.0
	RUG-FLOOR NOZZLE	Multi Angle Head	Multi Angle Head	Multi Angle Head	•	•	•	•	•	•	•
Accessories	DUSTING Brush	One Touch Swivel Brush	•	•	•	•	•	2-Way	2-Way	2-Way	-
	CREVICE NOZZLE	•	•	•	•	•	•	Nozzle	Nozzle	Nozzle	•
Color		Premium Red	Metallic Purple	Titanium Gold / Black	Titanium Gold	Blue / Gray	Blue	Wine Red / Platinum Gray	Silver	Wine Red / Platinum Gray	Blue / Gray

Series		POT S	ERIES			PAIL CAN SERIES		
Model		CV-100	CV-T190	CV-970BR	CV-960BR	CV-950BR	CV-945BR	CV-940BR
Motor Max.P	ower (W)	1300	1300	2200	2100	2000	1800	1600
Power Contro	ol	-	-	_	_	_	_	_
Automatic Co	rd Reel	-	-	_	_	_	_	_
Dust Filterati	on	Cloth Filter	Cloth Filter	Cloth Filter	Cloth Filter	Cloth Filter	Cloth Filter	Cloth Filter
Dust Capacit	y (L)	7.5	3.5	21.0	21.0	18.0	15.0	12.0
Filter		Standard	Standard	Standard	Standard	Standard	Standard	Standard
Dust Indicato	r	•	•	•	•	•	•	•
Suction Cont	rol	•	•	•	•	•	•	•
Blower Funct	ion	_	-	•	•	•	•	•
Extension Wa	and	Plastic	Plastic	Telescopic	Telescopic	Metal / Plastic	Plastic	Plastic
Grip handle		-	-	•	-	_	-	-
Tool Storage		•	•	•	•	•	•	•
Hose Stand		-	-	•	•	•	•	•
	Length	342	342	397	397	397	397	397
Dimension (mm)	Width	287	287	335	335	335	335	335
()	Height	402	330	581	581	536	500	461
Weight (kg)		4.5	4.2	6.3	6.3	6.2	5.8	5.6
	RUG-FLOOR Nozzle	•	•	Multi Angle Head	•	•	•	•
Accessories	DUSTING Brush	•	•	•	•	•	•	•
	CREVICE NOZZLE	•	•	•	•	•	•	•
Color		Wine Red / Platinum Gray	Platinum Gray	Titanium Gold	Wine Red / Platinum Gray	Wine Red / Platinum Gray / Black	Wine Red / Platinum Gray	Wine Red / Platinum Gray

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



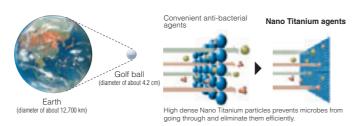
With twin swing cool air could have a longer reach up to 11 m for faster comfort cooling

Clean & Healthy

Nano Titanium Air Purifying Filter

Nano Titanium is a cutting-edge technology that uses a TiO2 catalyst to provide a powerful anti-bacterial and deodorizing effect. Nano Titanium particles are incredibly small (about 5 nm). If you imagined the Earth's diameter is 1 meter, then 5 nm would be the size of a golf ball compares to the Earth. The filter is packed with these minute particles to firmly catch and resolve bacteria, which are approximately 1,000 times larger, mold and odors.

Applicable models: RAS-S30CPZ, S24CPZ, S18CPZ, 30CHP6, 24CHP6, 18CHP6, ME30CH, ME24CH, ME18CH. ME14CH, ME09CH, ME07CH, ME14HZ, ME10HZ, S14H3A, S10H3A



Nano Titanium Stainless Steel Filter

Catch and resolve fungi and odors by Nano Titanium Catch germs at entire surface of air suction



Applicable models: RAS-ME30CH, ME24CH, ME18CH, ME14CH, ME09CH, ME07CH



Safe & Durable

to 10 years, maintenance free.



The Nano Titanium Stainless Steel Filter covering the entire air inlet prevents dust and other particles entering the room unit. Microbes that pass through this filter are efficiently captures and deactivated by the Nano Titanium Air purifying Filter.

The LEDs are installed completely in the indoor unit. So, there is no

emission of the ray into the room and no harm to the human body. UV

enough to affect microbes. Also the LEDs are durable enough to last up

Air Cleaner uses UN-A, the wavelngth which is mild and only strong

UV Air Cleaner



The LEDs inside the indoor unit emits short wave ultra violet to kill microbes trapped in the airconditioner filter, UV light's powerful germicidal effect soon destroys the trapped germs, bacteria, virus, mold and spores before it can spread to other areas in the room. This ensures the air you breathe is cleaner, fresher and healthier.

Applicable models: RAS-S30CPZ, 30CH6, ME30CH, ME14CH, ME09CH, ME07CH

(%)				Research	ed by H∏	ACH I
100	my					
80		W	Natura	l condit	ion	_
60	1	Low fan		~~	\sim	~
60	W	20111011				
40	High fan	7	and an			-
20	Mi	nus Ion -		1	WALLAND !	
20	sta	tic charg	ed filter			
) 10	20	30	40	50	60
Dust n	emoval effect					(Min.)

Minus Ion Stick

The Minus Ions strongly draw in air borne particles, enabling the filters to catch them efficiently.

Applicable models: RAS-S30CPZ, 30CHP6, ME30CH, S14H3A, S10H3A

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	Staphy	lococcus aureaus	Es	cherichia coli
sample	count antimicrobia	value of antimicrobial activity	Bacteria count	value of antimicrobial activity
1	1.4E6	-	3.0E7	-
2	<10 5.1 or higher		<10	6.5 or higher

**E" appealing in the table indicates an exponent (eg. 1.0E5=1.0×10°) **'<10" appealing in the table means "NON DETECTED" Test Method: Evaluated according to JIS Z 2801 (year 2000 version)

Comfort & Convenient

Far Air Reach



With twin swing cool air could have a longer reach up to 11 m for faster comfort cooling. Applicable models: BAS-S30CP7_30CHP6_ME30CH

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



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.

Twin Air 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.

Applicable models: BAS-S30CP7, 30CHP6, ME30CH



When the Symmetry Swing function is selected, the air conditioners flaps on one side swing to the left while those on the other side swing to the right and vice-versa. You can enjoy comfortable cooling without the air conditioner flaps facing directly at you.

0

10

Z

 \Box

 \overline{x}

Removable, Washable Panel

Strong yet thin design males it amazingly easy to wash and clean compared to conventional grills.



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, environmentfriendly operation.

Except: BAC-ME14HZ, ME10HZ, ME14HX1, ME09HX1, E14H2A, E10H2A, E08H2A



Energy Saving

DC Inverter Systems

Inverter technology allows a room to reach the required temperature more rapidly and up to 30 % more efficiently than Constant Speed Systems. Inverter technology also eliminates the incessant use of the stop-start mechanism often required to maintain consistent levels of temperature. Rather than starting the motor up and stopping it when the room temperature is reached, the inverter systems adjust the speed of the compressor to an energy saving mode in order to maintain the desired temperature.

Applicable models: RAS/RAC-80YH5A, 70YH7, 60YH7, 50FH7, S14H3A, S10H3A, E14H2A, E10H2A, E08H2A

DC 2-Cylinder Compressor

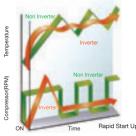
Hitachi new 2-Cylinder compressor has less vibration and higher efficiency than single rotary compressors. With equivalent capacity, the compressor is 37 % more space saving and easy maintenance, suitable for installation in narrow areas with limited space.



New Multi-Dimensional Heat Exchanger

The heat exchanger with a wider suction enables greater heat exchange and can be adjusted to room temperature quickly, achieving higher EER.

Power Saving



Energy Efficiency

Comparison of Vibration







S24CPZ, S18CPZ, 24CHP6, 18CHP6, ME24CH,

Lineup / Tropical Type Constant Speed



RAS-S30CPZ

C 8.55-8.65 kw





RAS-S18CPZ









-4-DC

RAS-24CHP6 **○** 6.30-6.30 kw **H** 7.05-7.05 kw

RAS-18CHP6 **○** 5.10-5.10 kw **H** 5.70-5.70 kw

Lineup / Non Tropical Type Constant Speed









RAS-ME24CH **©** 6.30-6.30 kw **H** 7.05-7.05 kw

RAS-ME18CH **○** 5.10-5.10 kw **■** 5.70-5.70 kw



Nama Titanian Art Status DC SONER STATE OF SONER SONE SONER SONER



© 2.75-2.80 kw ■ 3.00-3.00 kw RAS-ME07CH



RAS-ME14HZ C 3.40 kw ■ 3.80 kw



Nace Tracket 4 DC POWER SYSTEM



RAS-ME14HX1 RAS-ME09HX1

C 2.60 kw H 3.00 kw



RAI-18C C 5.00-5.00 kw



Lineup / Non Tropical Type Deluxe Inverter



CE - Z- DC SPENIA (SPENIA) RAS-80YH5A **○** 8.00 (1.50-8.50) kw **■** 9.30 (1.50-9.70) kw













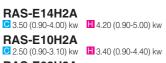


2.50 (0.90-3.10) kw 3.40 (0.90-4.40) kw



CE - Z- DC













Anti-bacterial Tangential Fan











DC Power System





Multi-dimensional Heat Exchanger

RAS-S10H3A



R410A Refrigerant

CE CE Applicable

Specifications

TROPICAL TYPE				Cooling and Heating			Cooling Only	
Model	Indoo	ır	RAS-18CHP6	RAS-24CHP6	RAS-30CHP6	RAS-S18CPZ	RAS-S24CPZ	RAS-S30CPZ
	Outdo	or	RAC-18CHP6	RAC-24CHP6	RAC-30CHP6	RAC-S18CPZ	RAC-S24CPZ	RAC-S30CPZ
Phase, Frequency, Vo	ltage	Φ, Hz, V		•	1Φ, 50Hz, 2	220V-240V	•	•
Capacity	Cool	kw	5.10-5.10	6.30-6.30	8.10-8.10	5.35-5.35	7.04-7.04	8.55-8.65
	Heat	KW	5.70-5.70	7.05-7.05	8.80-8.80	_	_	_
Total Input	Cool	w	1680-1790	2380-2560	2900-3000	1880-1990	2270-2410	3000-3130
	Heat	W	1700-1810	2370-2550	2900-3000	-	-	-
Total Amperes	Cool	Α.	7.80-7.69	11.40-11.20	13.30-12.60	8.70-8.60	10.90-10.60	13.90-14.00
	Heat	Α	8.00-7.77	11.50-11.30	13.30-12.60	_	-	_
EER COP	Cool	kw/kw	3.04-2.85	2.65-2.45	2.79-2.70	2.85-2.69	3.10-2.92	2.85-2.76
	Heat	KW/KW	3.35-3.15	2.97-2.76	3.03-2.93	_	_	_
Starting Current		Α	49	60	76-83	49	60	83
Air Flow			13.5/12.5/11.3	13.5/12.5/11.3	18.0/16.0/14.0	13.9/10.3/8.5/7.5	15.9/11.2/9.8/9.0	18.0/16.0/14.0
Dehumidifying Capac	ity	I/h	2.8	3.5	5.2	2.8	3.5	5.2
Piping Size	Liquid Line	mm	6.35	6.35	6.35	6.35	6.35	6.35
	Gas Line	mm	12.70	15.88	15.88	12.7	15.88	15.88
Net Dimension	Indoor Unit	mm	1030/295/191	1030/295/191	1150/333/245	1030/295/207	1030/295/207	1150/333/245
(packing dimension)	Outdoor Unit	W/H/D	850/650/298	850/650/298	925/875/315	750/570/280	850/650/298	850/800/298
Net Weight	Indoor Unit	ka	12(14)	12(14)	15(18)	12(14)	12(14)	18(20)
(packing weight)	Outdoor Unit	kg	54(59)	56(61)	75(87)	41(45)	51(56)	70(75)
					Features			
Compressor			Rotary	Rotary	2-Cylinder Rotary	Rotary	Rotary	Rotary
Silent Design Grille			•	•	•	•	•	•
Pre Filter			Anti-mold	Anti-mold	Anti-mold	Anti-mold	Anti-mold	Anti-mold
Air Purifying Filter			Washable Blue Nano	Washable Blue Nano	Washable Blune Nano	Washable Blue Nano	Washable Blue Nano	Washable Blune Nar
Maximum Length of Pi	ping / Height	m	15/5	15/10	30/10	15/10	15/10	30/10
Tangential Fan			Normal	Normal	Normal	Anti Bacteria	Anti Bacteria	Anti Bacteria

NON TROPICAL TYPE							Cooling a	nd Heating				
Model	Indoo	r	RAS-ME07CH	RAS-ME09CH	RAS-ME14CH	RAS-ME18CH	RAS-ME24CH	RAS-ME30CH	RAS-ME10HZ	RAS-ME14HZ	RAS-ME09HX1	RAS-ME14HX1
	Outdo	or	RAC-ME07CH	RAC-ME09CH	RAC-ME14CH	RAC-ME18CH	RAC-ME24CH	RAC-ME30CH	RAC-ME10HZ	RAC-ME14HZ	RAC-ME09HX1	RAC-ME14HX1
Phase, Frequency, Vo	ltage	Φ, Hz, V			1Φ, 50Hz, 2	220V-240V				1¢, 50h	łz, 220V	
Capacity	Cool	kw	2.20-2.25	2.75-2.80	3.65-3.70	5.10-5.10	6.30-6.30	8.10-8.10	2.60	3.40	2.60	3.60
	Heat	NW	2.20-2.25	3.00-3.00	4.00-4.10	5.70-5.70	7.05-7.05	8.80-8.80	3.00	3.80	3.00	4.20
Total Input	Cool	w	620-640	830-860	1150-1210	1680-1730	2270-2400	2800-2800	970	1170	970	1130
	Heat	VV	510-540	700-740	1080-1160	1700-1750	2370-2400	2800-2800	850	1120	850	1300
Total Amperes	Cool	Α	2.90-2.80	3.90-3.70	5.40-5.20	7.80-7.40	10.90-10.50	12.90-11.80	4.50	5.40	4.50	5.25
	Heat	A	2.40-2.30	3.30-3.20	5.10-5.00	8.00-7.50	11.20-10.40	12.90-11.80	3.95	5.20	3.95	6.03
EER COP	Cool	kw/kw	3.55-3.52	3.31-3.26	3.17-3.06	3.04-2.95	2.78-2.62	2.89-2.89	2.68	2.91	2.68	3.18
	Heat	NW/NW	4.31-4.17	4.29-4.05	3.70-3.53	3.35-3.26	2.97-2.94	3.14-3.14	3.53	3.39	3.53	3.48
Starting Current		Α	21	20	22.8	45	45	45	10	10	10	10
Air Flow			8.0/6.5/5.0	9.0/7.5/6.0	10.5/9.5/8.0	13.5/12.5/11.3	13.5/12.5/11.3	18.0/16.0/14.0/12.0	6.2(C)/7.1(H)	8.0(C)/9.0(H)	6.2(C)/7.1(H)	9.0(C)/9.0(H)
Dehumidifying Capac	ity	I/h	1.2	1.4	1.8	2.8	3.5	5.2	1.0	1.5	1.0	1.5
Piping Size	Liquid Line	mm	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35
	Gas Line		9.52	9.52	12.7	12.7	15.88	15.88	9.52	12.7	9.52	12.7
Net Dimension	Indoor Unit	mm	780/280/210	780/280/210	780/280/210	1030/295/191	1030/295/207	1150/333/245	780/280/210	780/280/210	780/280/210	780/280/210
(packing dimension)	Outdoor Unit	W/H/D	700/570/210	700/570/210	750/570/280	850/650/298	850/650/298	850/800/298	775/500/300	700/505/258	775/500/300	700/505/258
Net Weight	Indoor Unit	kg	9(11)	9(11)	9(11)	11(13)	12(14)	18(20)	9	9	9	9
(packing weight)	Outdoor Unit	ĸy	25(29)	27(31)	35(39)	55(60)	50(54)	68(71)	28	30	28	34
						Features						
Compressor			Rotary	Rotary	Rotary	Rotary	Rotary	2-Cylinder Rotary	Rotary	Rotary	Rotary	Rotary
Silent Design Grille			•	•	•	•	•	•	•	•	•	•
Pre Filter			Nano Titanium	Nano Titanium	Nano Titanium	Nano Titanium	Nano Titanium	Nano Titanium	Anti-mold	Anti-mold	Anti-mold	Anti-mold
Air Purifying Filter			Blue Nano	Blue Nano	Blue Nano	Blue Nano	Blue Nano	Blue Nano	-	_	-	-
Maximum Length of Pi	iping / Height	m	10/5	10/10	15/10	15/5	15/10	30/10	8/5	10/5	8/5	10/5
Tangential Fan			Anti Bacteria	Anti Bacteria	Anti Bacteria	Normal	Normal	Normal	Normal	Normal	Normal	Normal

INVERTER TYPE (NO	N TROPICAL T	YPE)				C	ooling and Heatir	ıg			
Model	Indoo	r	RAS-E08H2A	RAS-E10H2A	RAS-E14H2A	RAS-S10H3A	RAS-S14H3A	RAS-50FH7	RAS-60YH7	RAS-70YH7	RAS-80YH5A
	Outdo	or	RAC-E08H2	RAC-E10H2	RAC-E014H2	RAC-S10H3	RAC-S14H3	RAC-50YH7	RAC-60YH7	RAC-70YH7	RAC-80YH5
Phase, Frequency, V	oltage	Φ, Hz, V			1Ф, 50Hz, 220V-230V	1		10	D, 50/60Hz, 220V-24	0V	1¢,50Hz, 220V-240V
Capacity	Cool	kw	2.00(0.90-2.50)	2.50(0.90-3.10)	3.50(0.90-4.00)	2.50(0.90-3.10)	3.50(0.90-4.00)	5.00(0.90-5.20)	6.00(0.90-6.50)	7.00(1.50-8.00)	8.00(1.50-8.50)
	Heat	KW	2.50(0.90-3.20)	3.40(0.90-4.40)	4.20(0.90-5.00)	3.40(0.90-4.40)	4.20(0.90-5.00)	6.00(0.90-8.10)	6.80(0.90-7.30)	8.00(1.50-9.20)	9.30(1.50-9.70)
Total Input	Cool	w	550(155-1010)	700(155-1290)	1090(155-1460)	700(155-1290)	1090(155-1460)	1560(155-2200)	1850(155-2300)	2170(200-2820)	3070(200-3850)
	Heat	W	580(115-970)	880(115-1250)	1110(115-1440)	880(115-1250)	1110(115-1440)	1660(155-2200)	1880(115-2550)	2200(200-2970)	3100(200-3850)
Total Amperes	Cool	Α	2.92	3.75-3.59	5.22-4.99	3.75-3.59	5.22-4.99	7.15-6.56	8.50-7.80	9.95	14.10-12.90
	Heat	Α	3.05	4.45-4.26	5.32-5.09	4.45-4.26	5.32-5.09	7.60-7.00	8.60-7.90	10.10	14.30-13.00
EER COP	Cool	kw/kw	3.64	3.57	3.21	3.57	3.21	3.21	3.24	3.23	2.61
	Heat	KW/KW	4.30	3.86	3.78	3.86	3.78	3.61	3.62	3.64	3.00
Starting Current		Α	3.05	3.75	4.5	16	16	7.12	8.5	9.95	14
Recommended Fuse	Size		-	-	-	-	-	16	20	-	-
Air Flow			7.3(C)/8.0(H)	8.5(C)/9.5(H)	10.0(C)/10.8(H)	8.5(C)/9.5(H)	10.0(C)/10.8(H)	,	15.5/11.5/9.0/8.0(C) 17.5/12.0/8.5/8.0(H)	17.0/14.5/10.5/8.5(C) 18.0/14.5/10.5/8.5(H)	19.0/16.5/13.5/12.0
Dehumidifying Capac	ity	I/h	1.2	1.4	1.6	1.4	1.6	2.8	2.8	4.5	5.2
Piping Size	Liquid Line		6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35
. •	Gas Line	mm	9.52	9.52	9.52	9.52	9.52	12.7	12.7	15.80	15.88
Net Dimension	Indoor Unit	mm	780/280/215	780/280/210	780/280/210	780/280/220	780/280/220	780/280/220	1030/295/207	1150/333/245	1150/333/245
(packing dimension)	Outdoor Unit	W/H/D	700/505/258	700/505/258	750/548/288	700/505/258	750/548/288	850/650/298	850/650/298	850/800/298	925/875/315
Net Weight	Indoor Unit	les.	9.5(13)	9.5(13)	9.5(13)	9.5	9.5	9.5(11)	12(13)	15(18)	15(18)
(packing weight)	Outdoor Unit	kg	27(29)	27(29)	35(38)	27	35	45(50)	45(50)	55(60)	75(87)
						Features					
Compressor			Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	2-Cylinder Rotary	2-Cylinder Rotary	2-Cylinder Rotary
Silent Design Grille			•	•	•	•	•	•	•	•	•
Pre Filter	re Filter		Anti-mold	Anti-mold	Anti-mold	Anti-mold	Anti-mold	Washable	Washable	Washable	Washable
Air Purifying Filter			Nano Titanium	Nano Titanium	Nano Titanium	Nano Titanium	Nano Titanium	Normal	Normal	Normal	Normal
Maximum Length of P	Piping / Height	m	20/10	20/10	20/10	20/10	20/10	20/10	30/20	30/20	30/20
Tangential Fan		-	Normal	Normal	Normal	Normal	Normal	Anti Bacteria	Anti Bacteria	Anti Bacteria	Anti Bacteria
O Specification and des	signs are subjec	t to change	without notice.	•		•	•	•	•	•	

ONDI

110

2 ш $\overline{\mathcal{Z}}$

ш

Small Home Appliances

Lineup / Crystal Collection



Coffee Maker/HCM-C1

- Modern design with glass decoration
- On/Off switch with indication LED
- Removable filter holder
- Removable water tank
- Anti-drip protection
- Heating plate • Transparent water level indicator

Power: 1000W Voltage: 220V-240V~ Freq: 50Hz



Blender/HEB-C1

- Detachable stainless steel blade
- Large 1.5L/6 cups glass jar
- 2 speeds and pulse • With ice crush function
- Unique jar safety interlock

Power: 550W Voltage: 220V-240V~ Freq: 50Hz



Kettle/HEK-C1

HEM-C1

- Stainless steel body · Glass bass and lid
- with stainless steel effect handle

Espresso Coffee Maker/

• 2 indicator lights: power/ready

• Turning knob: coffee, off, steam

• 15 bar pressure pump

• Removable drip tray

• Froth milk device

Voltage: 220V-240V~

Power: 1250W

Freq: 50Hz

• Modern design with glass decoration

- 360 degrees cordless
- Boil-dry protection
- Removable spout filter
- On/Off switch and light indicator
- LED illuminated water gauge Power: 2200W

Voltage: 220V-240V~ Freq: 50Hz



Pop-up Toaster/HTO-C12

- Stainless steel exterior with glass decoration
- 2 slices toaster with extra wide slots
- High lift facility for easy fetch
- Self-adjusting bread guides
- Defrost, reheat and cancel functions • Slide-out crumb tray for easy
- cleaning

Power: 850W Voltage: 220V-240V~



Pop-up Toaster/HTO-C1

- Stainless steel exterior with glass decoration
- Long slot toaster
- with extra wide slots
- High lift facility for easy fetch • Self-adjusting bread guides
- Defrost, reheat and cancel functions
- Slide-out crumb tray for easy cleaning

Power: 1000W Voltage: 220V-240V~ Freq: 50Hz

Lineup / Kitchen Appliance





Blender/BL603G

- Variable speed setting with "pulse" control
- 1.5L capacity glass jug • Ice crusher capability
- · With a miller
- Cord storage design
- Removable stainless steel blade
- Sealed cover with measuring cup

Power: 600W Voltage: 220V-240V~ Freq: 50/60Hz





Blender/BL602G

- 2 speeds setting with "pulse" control
- 1.5L capacity glass jug · With a miller
- Cord storage design
- Removable stainless steel blade
- Sealed cover with measuring cup

Power: 600W Voltage: 220V-240V~ Freq: 50/60Hz

Lineup / Gas Table



Three-burner Gas Table/MPH-31RI

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

Dimension: $717 \times 392 \times 152 \text{ mm}$

Gas Consumption: 3300 + 700 + 3300 (Kcal/h)



Two-burner Gas Table/MPH-21RI

• Stainless steel top plate

- Brass burner head
- 4 Enamel pan support • Ignition system: Piezo-electric

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



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

Dimensions: 396 × 280 × 146 mm Weight: 2.0 kg

Gas consumption: 2150 (Kcal/h)

Lineup / Iron



Steam Iron/SI-1650

- Steam, dry, spray and self-clean
- Non-stick coating soleplate
- Horizontal & Vertical shot of steam • See-thorough water tank/280mL
- Heating & Pilot lamp
- Over heat safety protection

Weight: 1.45 kg Voltage: 220V-240V~ Power: 1650-1960W Freq: 50/60Hz

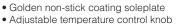


Dry Iron/DI-890

- Golden non-stick coating soleplate
- Adjustable temperature control knob

Weight: 2.4 kg Voltage: 220V-240V~ Power: 1000-1200W Freq: 50/60Hz

Dry Iron/DI-880



Weight: 1.8 kg Voltage:220V~ Power: 1000W Freq: 50Hz

Lineup / Shaver and Trimmer



- Retractable trimmer
- 8 hour charging time for up to approx.7days
- Dual voltage
- Built-in plug
- Accessory: Extra foil, pouch, cleaning brush

Power: 100-120V/220-240V~



Rechargeable Shaver/RM-F1200UD • 37°S-bade inner cutter • Charge indicator lamp shaving (3min/day) (240V)



Rechargeable Shaver/RM-1500UDMK2

- 8-hour full charge (240V)
- Flip-up sideburn trimmer
- Charge indicator light Dual voltage
- Built-plug

Power: 120V/240V~ Made in Japan

Rechargeable Shaver/RM-2300MK2

- 8-hour full charge (240V)
- Flip-up sideburn trimmer
- Charge indicator lamp
- Dual voltage • Built-plug

Power: 120V/240V~ Made in Japan



Battery Operated Nose Trimmer/

• AA × 1 battery for approx. 5 months

Washable



(90sec/time, once a week)

Power: 220V~ Made in Japan

CL-5210CD

• 16-hour full charge

and AC charger

Rechargeable Beard Trimmer/

• 5-step cropping depth adjustable

· Accessory: comb, brush, oil, stand

Made in Japan

Power: AA × 2 Battery

CL-5000EX

Battery Operated Beard Trimmer/

• 5-step cropping depth adjustable

• Accessory: comb, brush, oil, stand

AFGHANISTAN

AKRAMI BROS CO Pameer Market, New Town, Herat,

Afghanistan Tel: +93 40223044 Fax: +93 799208191

E-mail: akrami_javid@yahoo.com

ALGERIA

EURL RAYLAN Usine Annaba Z.I. M.I.N. Lot No. 105 EL BOUNI ANNABA

Tel: 038.88.82.76 Fax: 038.88.82.77

Show Room Algeirs 06 Bois Des Cars I , Dely Ibrahim Tél/Fax: 021.36.03.46 Mobile: 0555.03.52.69

Show Room Eulma W. Sétif: Promotion Immobilière Geni Sider, Cité Belle Vue Mobile: 0555.03.52.73

Show Room Ain Baidha W.Oum ElBouaghi Avenue 1°Novembre,

Avenue 1°Novembre, Rond Point De Constantine. Mobile: 0550.50.66.86

ARMENIA

ARAY CO. LTD.

Azatutyan St. 9 Yerevan, Armenia Tel: +374 10251181/10254387 Fax: +374 10253236

AZERBAIJAN

ENERGOSERVICE LTD Azerbaijan, Baku, P.O. Box AZ1029, Muzaffar Narimanov str. 5 Tel: (+99412) 447-43-03 Fax: (+99412)567-95-54

IMPULS Azadliq ave.,99 Tel: (+99412)5984074 Fax: (+99412)4986688

Azerbaijan ave. 30 (old name Husi Haciev str., 30) Tel: (+994 12) 4959004 E-mail: Impuls@online.az URL: http://www.impuls.az

BAHRAIN

ALMOAYYED ELECTRONICS
(A Division of Y.K. Almoayyed & Sons)
P.O. Box 143, Manama
Kingdom of Bahrain
Tel: +973-17200047

Fax: +973-17200057, 17214524 Website: www.almoayyed.com.bh

EGYPT

EGYPT ELECTRONICS CO. 16 Mahmoud Tawfik St. from Kabul st. Makram Ebied, Nasr City, Cairo, Egypt

P.O. Box: 7640 Tel: +202 26700974 Fax: +202 26714008 Call Center: 19118 (Home Appliances)

E-mail: marketing@elsharkelectronics.com

EL ARABY
Call Center: 19319
Downtown (Showroom & Sales)
9 Adly St. - El Obera, Downtown, Cairo,
Egypt

E-mail: webmaster@elarabygroup.com
E-mail: sales@elarabygroup.com

Moskey (Showroom & Sales) 12 Gohar El-Kaed St., Moskey, Cairo, Egypt Tel: +20 2 25908547 / 25900626 Fax: +20 2 25924355

Shobra (Showroom & Sales) 7 Gaziret Badran St., Cairo, Egypt Tel: 20 2 25777533

Ataba (Showroom) 27 Abdel- Aziz St., Cairo, Egypt Tel. / Fax: +20 2 2395777 P.O. Box 1224 Cairo, Egypt

Banha (Showroom & Sales) 47 Cairo-Alex. Agric. Road Tel: +20 13 3245550 Fax: +20 13 3230817

Port-Said City (Showroom & Sales) Babel & Memphis St., Off El-Gomhoreya, Port-Said City, Egypt Tel: / Fax: +20 6 63230778

ETHIOPIA

GLORIOUS PLC PO Box 839, Addis Ababa, Ethiopia Tel: +251 11 1551677/3482 Fax: +251 11 0 552899/5516787



IRAQ

CHRANI COMPANY (Twin Tub Washing Machine ONLY) PO Box 1007 AL, Sindore Way15, Duhok Iraq Tel: +964 62 7628641 / 722 2223

Fax: +964 448701302820
Fax: +964 448701302820
E-mail: info@chranico.com
E-mail: brifcani@chranico.com
URL:www.chranico.com

KITHARA DAR AL SALAM TRD.CO (Twin Tub Washing Machine ONLY) Karada Kharij, Baghdad, Iraq Tel: +964 7901914109 E-mail: qeethara@yahoo.com

JABIL QAIWAN GENERAL TRADING Sulaimany Mall Building, Salim Street Sulaimany

Tel: + 964 4470 43160248 Fax: + 964 4470 43159178 E-mail: sulaimany@qaiwangroup.com

JORDAN

AHMED ISSA MURAD AND SONS INVESTMENT GROUP P.O.BOX: 658 Amman 11953 Jordan Tel: +962 6 5333110 Fax: +962 6 533388 F-mail: sales@aimn io

E-mail: sales@aimg.jo E-mail: customercare@aimg.jo URL:www.aimg.jo

KAZAKHSTAN

ATLANT SERVICE LTD.
Seyfulin, St. 284, Almaty, Kazakhstan
Tel: +7 327 2968930
Fax: +7 327 2384923
E-mail: atlantservice@mail.ru

KENYA

SALUTE HOLDINGS LTD. PO BOX 42479-001 Nairobi, Kenya

Tel: +254.2.3747053/3747058 Fax: +254.2.3746951 E-mail: salute@kenyaweb.com

KYRGYZSTAN

INTER ALLIANCE 43-2, Manas avenue, Bishkek city, Kyrgyz Republic, 720017 Tel./fax: +996 (312) 690333 E-mail: mail@intera.kg

URL: www.intera.kg
URL: www.tokyo.kg

KUWAIT

Hamad Abdulla Alessa & Sons Co. Shuwaikh Industrial Area (1) Plot (3) Building 206 -207 Street (70) P.O Box 1371, Safat - 13014 Kuwait. Tel: +965 24818515, +965 24846375,

+965 24845189 Fax: +965 24846894

YUSUF A. ALGHANIM & SONS W.L.L Electronics Group (Airconditioners ONLY) Airport Road. Shuwaikh, P.O Box 223, Safat Code 13003 Kuwait

Tel: +965 1 881111 Call Centre: +965 1 884444 (24 hours) Fax: +965-2 4846072 URL:www.alghanim.com

LEBANON

ETS ABDUL RAHIM DIAB S.A.L P.O Box 11-0663 Riad El Solh Beirut 1107 2050 Lebanon Tel: +961 1 868146/868147 Fax: +961 1 811980 E-maii: ardiab@ardiab.com.lb

LIBYA

BENZO HOME APPLIANCES 26 El Helal Club Shops, Benghazi, Libya

Tel: +218 61 9092723 Mob.: +218 91 3760976 Fax: +218 61 9092347

Al-Fowihaat Al-Gharbiah (Showroom) Pepsi Street, Benghazi, Libya Tel: +218 91 3760976

TIME DEVELOPMENT CORPORATION AI-Hawari Bodhima, AI-Hadika Sq. Market No. 65-67, Benghazi, Libya

Tel: +218 61 2230777 Mob.: +218 91 2182923 E-mail: mshadaga@yahoo.com

MOROCCO

VISION TECHNOLOGY Showroom Casablanca 1 BD. BIRANZARANE, Residence SIDRA I, No. 11 Casablanca – Morocco Tel: +212 522 945213 / +212 522 942568 Fax: +212 522 948671

Show Room Casablanca 2 27, Av. Bachir Laâlaj, Ex. Francois Ponsard, Rés. Valjoli, 2ème Eatge, No. 9. Casablanca

Tel: +212 522 23 28 25 / +212 522 23 28 61 Fax: +212 522 23 28 96

NORTH CYPRUS

HASEL LTD

16. Sok , No.44 , Yeni Sanayi Bolgesi Lefkosa, Mersin 10

Lefkosa, Mersin 10
Tel: +90 392 2255870,
Fax: +90 392 2256383

E-mai: haselltd@superonline.com

OMAN

META GALAXY LLC P.B. No. 4029, P.C. No. 112, Ruwi Muscat, Sultanate of Oman Tel: +968 24787863/24787892/24797292

Fax: +968 24787893 E-mail: enquiry@meta-galaxy.net

QATAR

PLANET TECH P.O BOX 23625, Souq Al Thorraya6 Salwa Road, Doha Qatar Tel: +974 443 3998

Fax: +974 431 6754 **SAUDI ARABIA**

HAMAD ABDULLA AL-ESSA & SONS CO. AL Essa Building King Abdulaziz Street P.O Box 2091, Riyadh 11451 Saudi Arabia Tel: +966 1 403 1212 (Sales) Tel: +966 1 408 0565 (Service)

CENTRAL REGION Riyadh (HO): 01-4031212, 01-4080565 Buraidah: 06-3260065, 063230984

WESTERN REGION Jeddah: 02-6407720, 02-2275412

Makkah: 025562452, 02-5562890 EASTERN REGION

Damman: 03 8267618, 03 8290202 Hofuf: 035872641, 035847436

SOUTHERN REGION Khamis: 07-2220404, 2361379 E-mail: alessa@alessa.com.sa

SYRIA

MODERN TECHNOLOGY TRADING CO. Habbal Group

PO Box 30503, Damascus Syria Tel: +963 11 5352600 / 5352200 Fax: +963 11 5352605 / 5352205

E-mail: mtt@scs-net.org E-mail: habbalgroup@scs-net.org

TAJIKISTAN

VOSTOK CO. LTD. Chekhova St. 1/2, Dushanbe, Tajikistan Tel: + 992 44 600 7873

Tel: + 992 44 600 7873 E-mail: oleg@vostok.tj

TANZANIA

HITACHI (showroom) Shop no. 5 Miimani Shopping Mall Dar Es Salaam, Tanzania Tel: +255 22 2411461

Tel: +255 22 2411461 E-mail: ravi_eros@hotmail.com FREEDOM ELECTRONICS

Zanaki/Kisutu street, Dar Es Salaam Tanzania Tel: +255 22 2129801/2128898 Fax: +255 22 2129802 E-Mail: freedom@ctvsatcom.net

ZAMEENA ENTERPRISES Uhuru/Congo Street, Plot No. 12, Block 6, P O Box 119, Dar Es Salaam Tanzania

Tel: +255 22 2183129/2183130 Fax: +255 22 2183208

UNITED ARAB EMIRATES

EROS ELECTRICALS P.O Box 1184, Dubai UAE Tel: +971 4 266 6216 Fax: +971 4 266 0745 URL: www.erosgroup.ae

YEMEN

MIDDLE EAST TRADING CO. P.O Box 5927 Taiz Tel: +967 4 232033 Fax: +967 4 219869/215169 Aden Tel: +967 2 240950 Fax: +967 2 240952 Sanaa Tel: +967 1 204 227 Fax: +967 1 204 204 URL:www.metcotrading.com

Authorised Dealer: