

HITACHI
Inspire the Next

UPGRADE FOR LIFE

With the latest advanced technology and the trust that comes with a 100-year reputation for reliability, Hitachi home appliances are the ultimate choice for every room, in every home.

Featuring smart human-friendly designs, advanced eco-conscious technologies and quality materials, Hitachi home appliances accentuate your everyday life, Upgrade for Life.



©Colour tones of actual products may differ from those shown in this catalogue.

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Hitachi Sales Malaysia

Air Conditioner

HITACHI
Inspire the Next



UPGRADE FOR LIFE



Vector DC Inverter x Frost Wash



00218

Fresh Air, Healthy Life

Frost Wash

Freeze the heat exchanger, and melt it. Wash away dust you haven't been able to clean.

Make the heat exchanger frozen to generate a large amount of frost.

Melt accumulated frost at once and wash away the dust attached to the heat exchanger with the meltwater.



+ Clean Air

Wash away dust, mold, oily grime, and other causes of odors.

Stainless Clean System

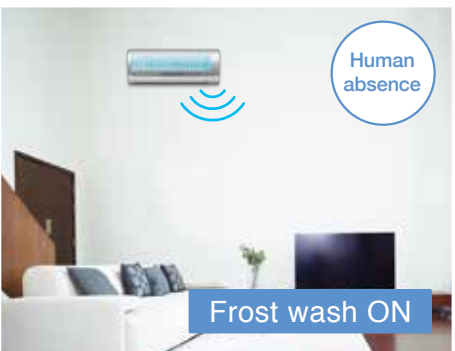
Both water pathways and air pathways are kept clean with antibacterial stainless steel.

Bacteria reduced by a max. of **99%**^{*1}



Human Sensor

Auto Frost Wash Mode:



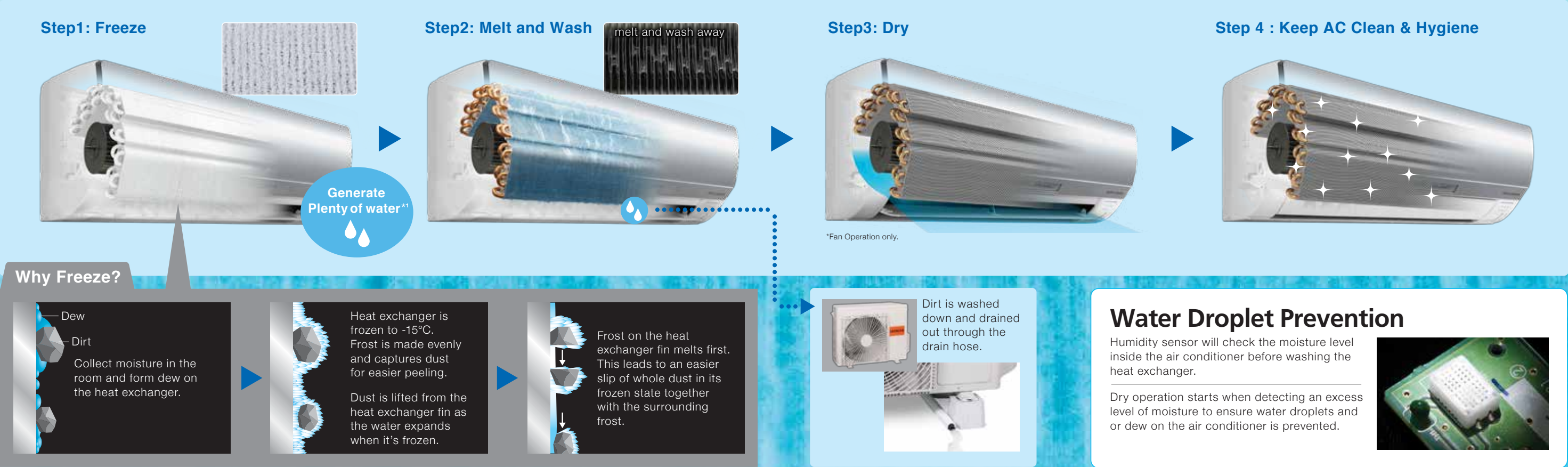
Auto switch on Frost Wash function by identifying human absence.

¹ Feature Introduction based on RAS-VX13CJ.
^{*1} Tested by Boken Quality Evaluation Institute. Antibacterial effect from Stainless Steel.

^{*2} Human sensor will detect human presence every 15 min for max. 4 times.

Dust & Bacteria Removal with “Frost Wash”

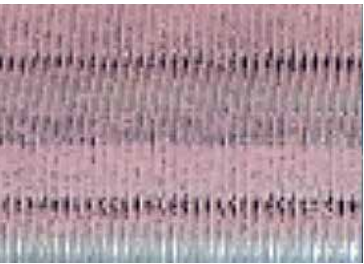
Remove accumulating dust from the heat exchanger by freezing and washing it away with the meltwater.



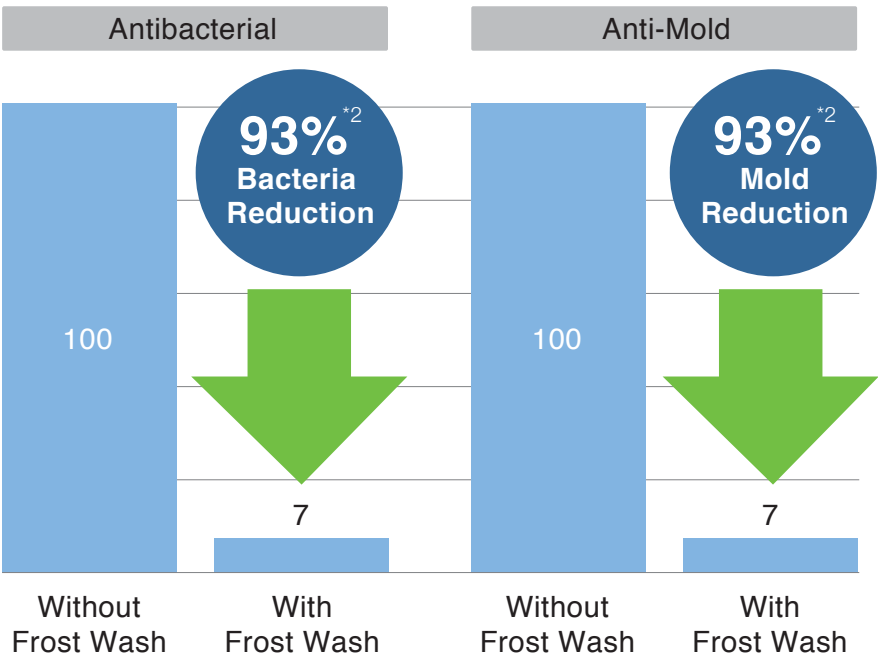
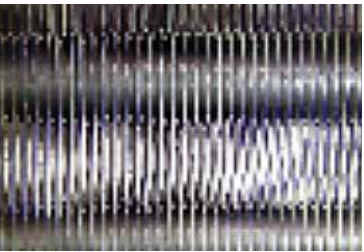
Long Lasting Hygiene Air

Dusty and humid air conditioners will become to bacteria, mold and odors that may affect your health. Periodic “Frost Wash” can keep the air hygienic and fresh.

Without Frost Wash



With Frost Wash



Easy Maintenance

Auto Operation

Frost wash will be started every 200 hours on accumulated use basis. It works only in case you are out of the room by sensor technology.*3

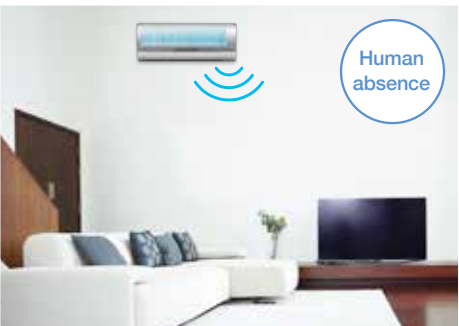
Manual Operation

You can operate Frost Wash only when you want to do by simply pressing the button. Frost Wash LED indicator acts as an alert to suggest operating Frost Wash after 200 hours of AC usage.

Frost Wash OFF



Frost Wash ON



Dust Accumulation Alert



3
©Feature Introduction based on RAS-VX13CJ.
*1 Create larger amount of water compared to normal cooling operation.
*2 Tested by Kitasato Research Center of Environmental Science. Test No. 2017_40194. Antibacterial & anti-mold effect when operating Frost Wash for 4 times.

*3 Human sensor will detect human presence every 15 min for max. 4 times. After 1 hour of human presence, it will automatically start Frost Wash operation.

Fresh Air from A Clean Route

STAINLESS CLEAN System

Hitachi
Original

Antibacterial stainless steel is applied inside to keep the air pathways extra hygienic for fresh, healthy, clean air.

Stainless Air Duct

Antibacterial*¹

Dust Cut*²

NEW

Stainless Dew Plate

Antibacterial*¹

Stainless Louvre

Antibacterial*¹

Dust Cut*²

Easy to Clean

NEW

Frost Wash

Dust, Bacteria, Mold removal

Nano Titanium Stainless Pre-Filter

Antibacterial*¹

Easy to Clean

Dual Air Purification

Nano Titanium Wasabi Air Purifying Filter is packed with a hybrid coating of Nano Titanium and Wasabi Solution which provides a powerful antibacterial, anti-mold, anti-allergen and deodorizing effect. Thorough filtration is realized in combination with Stainless Pre-filter.

Stainless Pre-filter

Nano Titanium Wasabi Air Purifying Filter

99%
Antibacterial*³

95%
Anti-Allergen*⁴

82%
Odor Removal*⁵

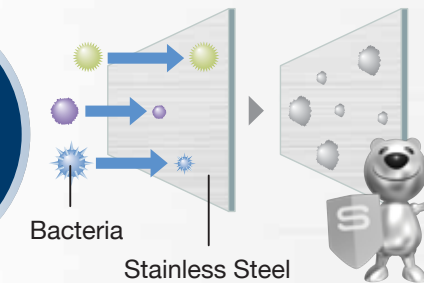
98%
Violate Organic
Compounds Suppression*⁶

Mold
Suppression*⁷

Antibacterial Sanitizing

When the bacteria come into contact with the stainless steel, the metal ions adhere to them and suppress their activity and growth.

Bacteria
reduced
by a max. of
99%*¹

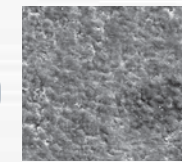


Dust Cut & Easy to Clean

Thanks to its sleek surface and non-static properties, more than 50%*² less dust sticks to stainless steel than to plastic. Which means twice the cleanliness and half the cleaning time.

More than
50%*²
Less Dust
Attached

Surface Close up



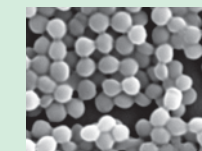
Plastic



Stainless Steel

*² Tested by the Hitachi Environmental Test Laboratory.

Antibacterial Test



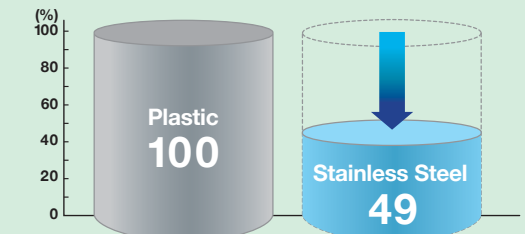
310,000 bacteria

Non Stainless
After 24 hours
650,000
(Increased)

Stainless
10 Left
(Decreased)

*¹ Tested by Boken Quality Evaluation Institute. Test No. 20214009288-1, 10218327, 022580-1. Test Method Based on JIS Z 2801 Quantitative Test.

Dust Accumulation Comparison



Did You Know?

Air conditioners can get very dirty on the inside, and can become home to bacteria and allergens. Hitachi's Stainless Clean applies antibacterial stainless steel inside for a long-lasting, fresher air supply.

Conventional Air Conditioner
After 10 Years of Usage

Conventional Filter

Plastic Air Duct

Plastic Louvre

Conventional Hitachi model (RAS-409GX2).

UV Fresh

A fresher air supply is realized by combining UV Fresh. UV-LED light emits shortwave UV onto the filters and deactivates 99%*⁸ of bacteria trapped.

Bacteria

Air Intake

UV-LED

Clean Air

Nano Titanium Wasabi
Air Purifying Filter

*³ Tested by University Putra Malaysia. Test Method: JIS Z2801:2000. *⁴ Tested by International Medical University Malaysia. Test Method: 6-hours ELIZA Assay using dust mite allergen. *⁵, *⁶ Tested by Nanopac Testing Lab. Test Method: Gas Detector Tube Method. *⁷ Tested by Nanopac Testing Lab. Test Method: Comparison of 2 slices of bread in separate acrylic chambers, with and without Nano Titanium Wasabi Solution for 2 weeks. No mold has grown on the bread with Nano Titanium Wasabi Solution while bread without were covered with mold. *⁸ Tested by Japan Food Research Laboratories. Approval No.203061804-001.

Smart Energy Saving and Comfort Operation

SCENE CAMERA CEILING



Scene Camera Ceiling monitors both human and room conditions to auto-select the best cooling solution to reach an even room temperature faster.

Ceiling Heat
from Sun:
40°C

Sunlight
Heat:
38°C

Thermal Camera

Heat Distribution Monitoring

Heated roof and ceiling are two of the key causes of slow and inefficient cooling. Thermal Camera monitors room heat distribution to smartly reduce heat at the source.



Actual Thermal Distribution in House in South East Asia

Image Camera

Human Activity & Location Monitoring

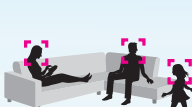
Detects human activity level and location of each person to smartly control set temperature and air flow direction depending on the scene.



Activity Level



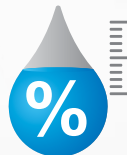
Number of people



Location

Humidity Sensor

Intelligently monitors room humidity and ensures optimal comfort during Air Sleep mode to prevent over dryness.



Around 27°C



Wall Temp.:
28°C

Around 30°C



Around 2m



Activity Level: Low
Location: Close

Around 6m



Activity Level: High
Location: Far



Condition: Asleep

Sleep Deep with Silent Smart Cooling

Air Sleep Feel Ideal Temperature & Humidity Balance for Sleep

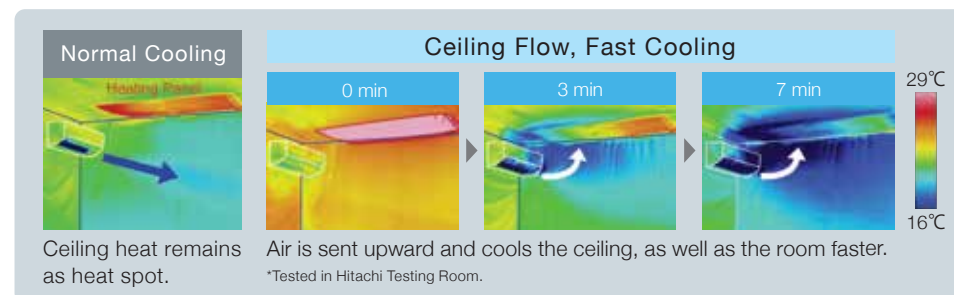


Ideal Air Flow Control



1. Ceiling Flow

The ceiling on the top floor is likely to be a highly heated part of your room. When the heat source is detected, the ceiling is targeted for cooling. A tornado of air flow will circulate the room for fast even cooling.



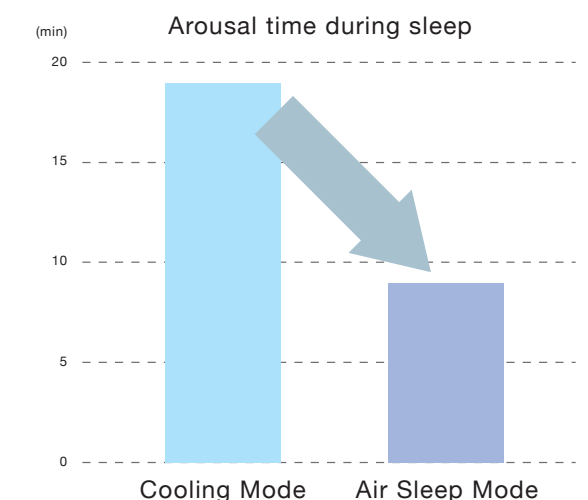
2. Human Targeted Flow

Scene Camera checks your activity level & the temperature of the area where you sleep. Thus it can smartly adjust air direction to suit each person's sleeping condition.



Less interrupted Sleep

Test revealed that Air Sleep mode has significantly reduced arousal time during sleep, and enhanced sleep efficiency.



National Institute of
Advanced Industrial Science
and Technology
AIST

Dr. Kazuyo Tsuzuki Ph.D.
Principal Research Manager Environmental
Control Research Group Human Technology
Research Institute



*2 The average sleep efficiency of 7 adults in actual sleep environment has shown improvement when using Air Sleep Mode compared to normal cooling mode of a non-inverter air conditioner.

Fast & Even Cooling

WelcomeBreeze



At Start up Welcome Target Flow

Scene Camera detects human location and targets it with extra cold wind for the first 15 min.



Air Flow Target Blown to People

Instant Chill with Extra Cold Air

Powerful Start Up with Max. Fan Speed



After 15 min Heat Source Cooling

After 15 min, Scene Camera Ceiling detects room heat distribution and smartly controls the air flow to preferentially cool the heat source for faster & even cooling.

Top floor room with heated ceiling



Cooling focused on hot ceiling by up and down swing with longer air blow targeting ceiling to cool it down.

High heat load on the ceiling



Sunny day with curtains open



Cooling focused on hot window by left and right swing with longer air blow targeting window to cool it down.

High heat load from the window



When room is evenly cooled



Surrounding flow to avoid over cooling.

Even temperature distribution

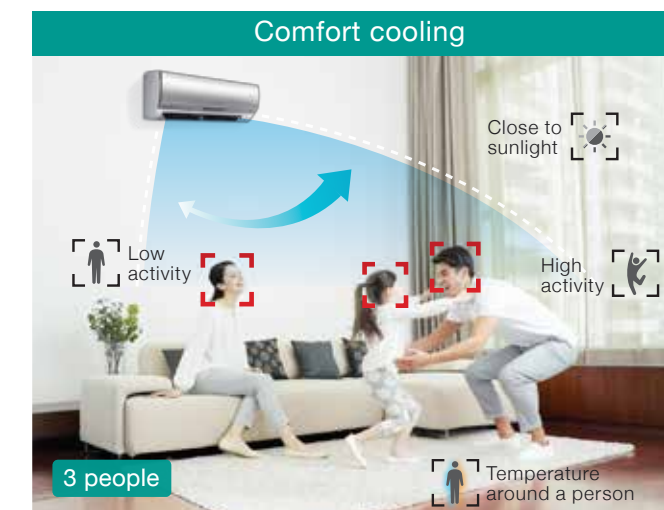


Smart energy saving

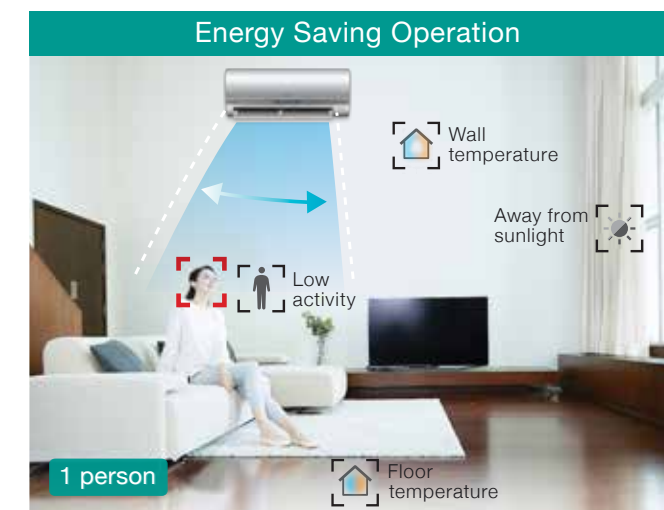
Eco Mode



Scene camera ceiling adjusts cooling operation depending on number of people, activity level, location, and sunny areas in the room at all times.

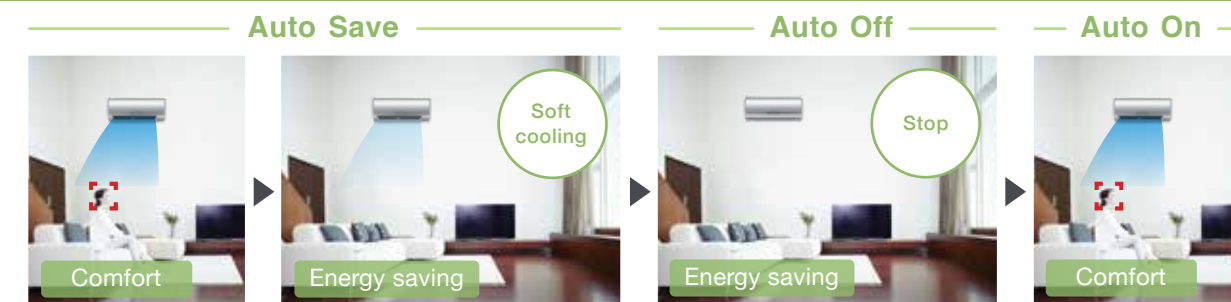


Comfortable cooling with a wide swing to cover everyone in the room. Cool air is sent longer to the people in sunny areas and/or with higher activity level.



Automatically switches to soft and limited air flow when only 1 person remains in the room, away from sunny area.

When no one is in the room



Automatically switches to soft cooling after 10 min of absence to save energy.

When Auto Off is set, the air conditioner automatically switches off after 1 hour of absence.

When Auto On is set, the air conditioner automatically switches on when people are detected.

*If you leave the air conditioner operating when you are not at home, please cancel the Auto Off setting. Do not use the Auto Off setting in rooms occupied by people who cannot operate the air conditioner themselves such as infants, children, the elderly and individuals who are ill or physically impaired.

Extra chilly Air flow

Refresh Mode



Refresh Mode automatically controls compressor operation for upgraded cooler wind and reduced sensual humidity.

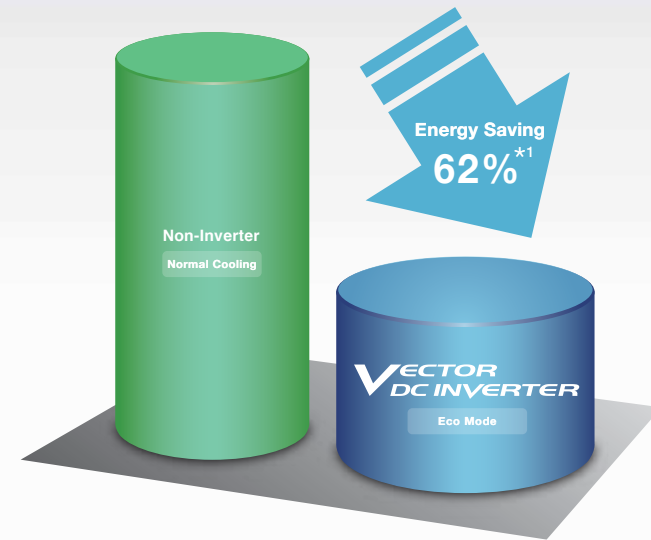


VECTOR DC INVERTER

Going beyond energy saving, the Vector DC System achieves top class cooling capacity and reliable operation even under unstable power conditions.

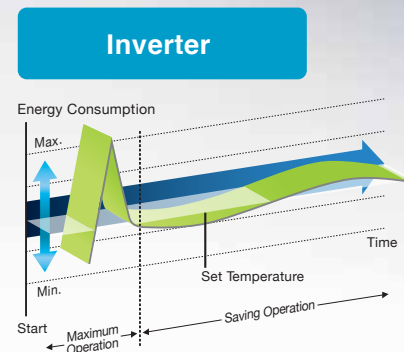
Energy Saving

A combination of the Vector DC Inverter and Scene Camera Ceiling can cut energy consumption by up to 62%^{*1} compared to non-inverter models.

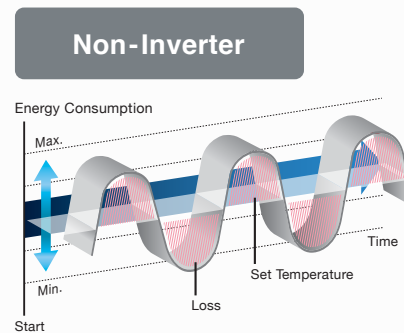


^{*1} RAS-VX13CJ (Eco Mode) compared with a Hitachi 1.5HP non-inverter model (Cooling Mode). Power consumption based on cumulative power consumption after 8 hours of operation. Room temperature at start: 35°C, Set temperature: 25°C, Fan Speed: Auto.

Testing condition:
Three people in the room. Level of activity at 2.5m from the indoor unit estimated to be 1.0 metabolic equivalents (reading, etc.). Three people in separate locations in the room during the daytime with the curtains closed to cut the amount of sunlight to a low level. Ambient temperature lower than the set temperature.



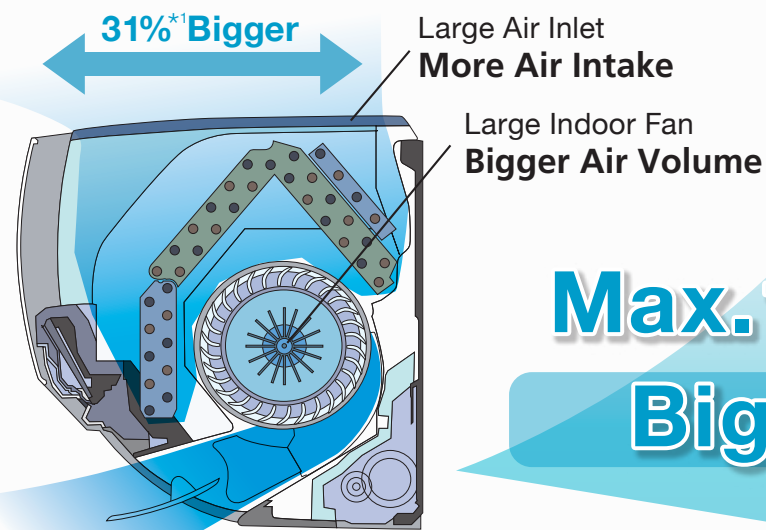
With Vector DC Inverter technology, an air conditioner cools with max. capacity at start-up, then automatically slows down and operates at min. suitable capacity to maintain room temperature at a comfortable level.



Non-inverter models can only operate with simple on/off controls. Trying to maintain temperature by repeatedly switching power on and off consumes much more electricity and results in bigger temperature fluctuations.

Powerful Cooling

The Vector DC Inverter system, wide air inlet and indoor fan enable top class cooling capacity and big air volume for upgraded comfort.



Max. 14,330 BTU/h!^{*2}

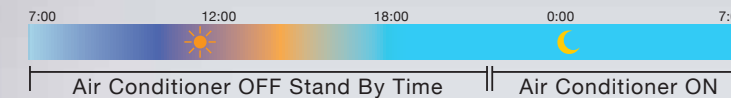
Big Air Volume

^{*1} RAS-VX13CJ compared to RAS-SX10CJ, SX13CJ, X10CJ, X13CJ
^{*2} Max. cooling capacity of RAS-VX13CJ

Low Standby Energy

Electricity is continuously consumed even when the air conditioner is switched off but Hitachi's new standby energy saving system can reduce power consumption by 82%^{*4} when not in use.

Simulation



0.9W Standby Energy

82%^{*4}
Reduced



^{*4} RAS-VX13CJ compared to RAS-SX10CD/ SX13CD/ SD10CD/ SD13CD.

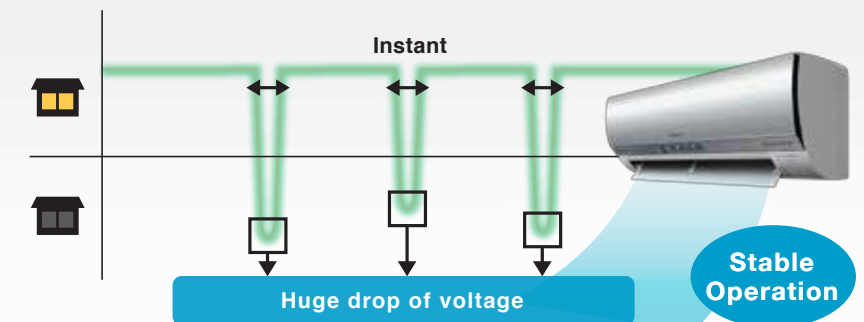
Reliable Operation



Case 1

Instantaneous Power Failure: Non-Stop Operation

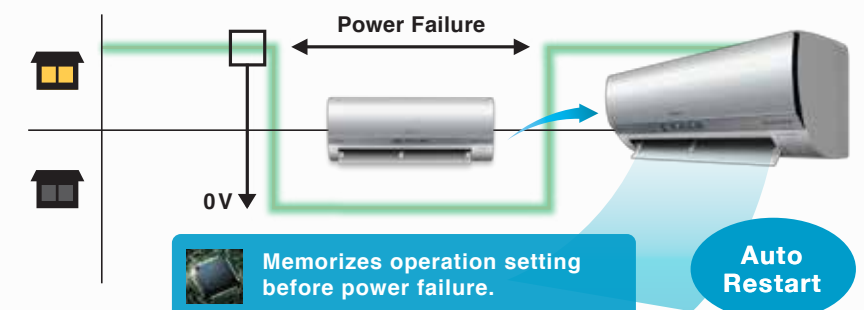
If there's an instantaneous power failure (sudden voltage fluctuation), the Vector DC System detects the voltage fluctuation to prevent the air conditioner from stopping due to a current surge.



Case 2

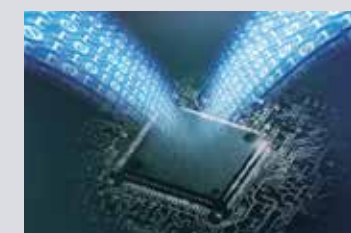
Power Failure: Auto Restart at Previous Setting

If there's a power blackout, a microcomputer in the Vector DC System memorizes the setting at the time of the blackout, and automatically restarts operation at the same setting after power recovery.



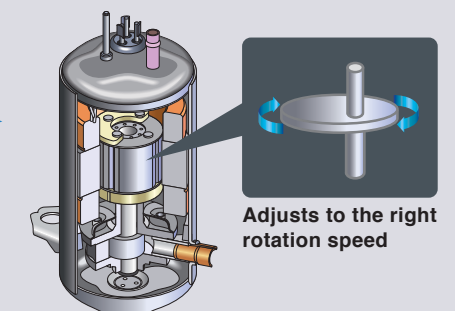
What is the Vector DC Inverter System?

The Vector DC System features a special microcomputer pre-installed with compressor characteristics data. Thanks to this, the system not only monitors compressor behavior and current flow conditions, but also adjusts compressor rotation speed at all times. This enables smooth compressor operation without loss, resulting in stable operation and high cooling capacity.



Vector DC Inverter Microcomputer

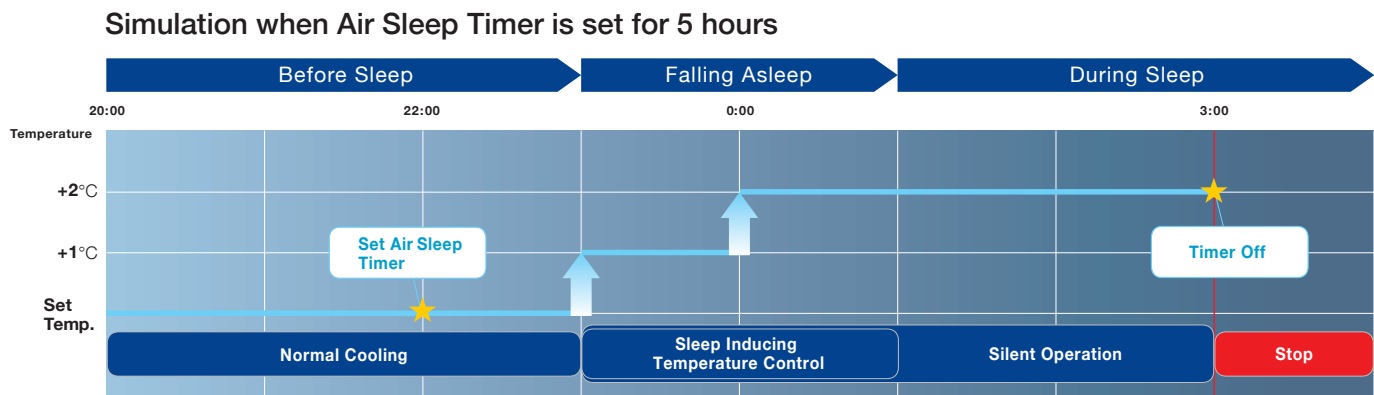
Precise motor rotation control



Features for your Comfort

Air Sleep Timer

“Air Sleep Timer” is made based on the same sleep supporting theory applied to “Air Sleep Mode”. Once the “Air Sleep Timer” is set, it will shift to silent operation as well as gradually rise set temperature by +2°C in 2 hours, manually by timer control. The cooling operation will automatically stop, after designated hours has been past.



One-Touch Powerful Mode

A press of the button will instantly start powerful cooling operation, which makes the air flow reach much further to quickly cool the room with maximum cooling power.



One-Touch Silent Mode

A press of a button instantly starts the silent operation.

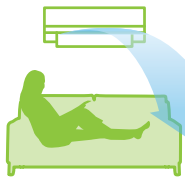
Direct Swing / Indirect Swing

You can choose whether to have cool air sent directly to you, or indirectly for soft cooling as desired.



Direct Swing

Scene Camera Ceiling detects your location, and always sends cool air directly to you to provide a comfortable breeze.



Indirect Swing

Scene Camera Ceiling detects your location, and automatically avoids sending cool air directly to you for soft cooling.

Images are for illustrative purposes only.

Durability & Safety

Fireproof Electrical Enclosure

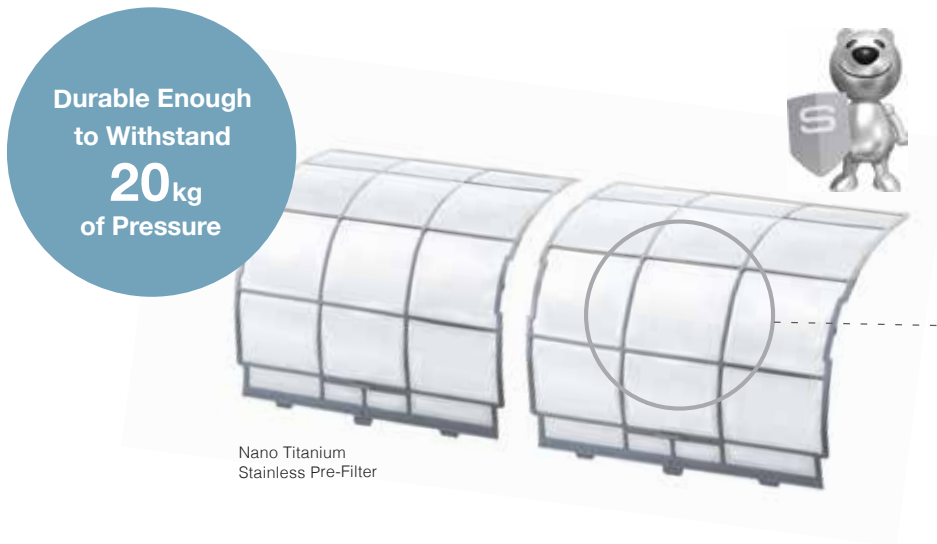
Hitachi prides itself on meeting the highest international manufacturing standards and insists on using 100% metal housing to enclose and tightly seal its electrical and electronic components. This ensures there is virtually no possibility of fire spreading and posing a safety hazard to our consumers.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



Durability

Durability Test

A durability test has confirmed Hitachi's filter durability. The Nano Titanium Stainless Pre-Filter can bear up to 20kg of pressure without suffering any damage.

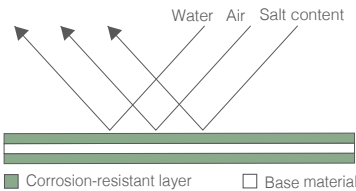


<Tested in Hitachi Laboratory>

Anti-Rust, Anti-Corrosion

Green-Fin Condenser

With its special anti-corrosion “green” coating, the Green Fin Condenser lasts up to three times as long as standard types. This coating assures better performance, durability and savings even in tough conditions such as those in coastal areas.



Anti-Rust Outdoor Casing

Hitachi outdoor units are rustproof thanks to a full coating of anti-rust paint from the top all the way to the base.



Premium Inverter

VX Scene Camera Series



RAS-VX10CJ/ VX13CJ



RAS-VX18CJ/ RAS-VX24CJ

Specification

Model	Indoor		RAS-VX10CJ	RAS-VX13CJ	RAS-VX18CJ	RAS-VX24CJ
	Outdoor		RAC-VX10CJ	RAC-VX13CJ	RAC-VX18CJ	RAC-VX24CJ
Phase, Voltage, Frequency		φ,V,Hz	1Ø,220-230V,50Hz			
Cooling Capacity		kW	2.85(0.9-3.5)	3.4(0.9-4.2)	5.00(0.9-5.8)	6.2 (1.50-7.00)
		BTU/h	9,730(3,070-12,000)	11,598(3,070-14,330)	17,060(3,070-19,789)	22,160 (5,118-23,891)
EER	BTU/h-W		15.00	11.8	11.6	9.84
Total Input	W		648(210-1,190)	983(330-1,280)	1,470(320-2,000)	2,150(300-2,820)
Total Amperes	A		3.40-3.25	5.24-5.02	6.75-6.45	9.87-9.44
Air flow (Powerful/H/M/L/Silent)	m3/min		12.0/11.5/9.0/6.0/3.5	12.0/11.5/9.0/6.0/3.5	15.0/14.5/12.0/8.0/6.0	15.0/14.0/12.0/8.0/6.0
Indoor Sound Level (Powerful/H/M/L/Silent)	dB		48/44/35/27/19	48/44/35/27/19	49/48/40/33/30	49/48/40/33/30
Dehumidifying Capacity	l/h		1.6	1.6	3.4	4.5
Maximum Length/Height of Piping	m		20/10	20/10	20/10	30/20
Diameter for Liquid/ Gas	mm		6.35/9.52	6.35/9.52	6.35/12.7	6.35/12.7
Power Supply			Indoor	Indoor	Indoor	Indoor
Net Dimensions	Indoor(W×H×D)	mm	790x300x280	790x300x280	900x300x230	900x300x230
	Outdoor(W×H×D)	mm	750x570x280	750x570x280	850x650x298	850x750x298
Net Weight	Indoor/Outdoor	kg	11/32	11/32	10.5/43	11.5/45
Refrigerant			R32			

Outdoor



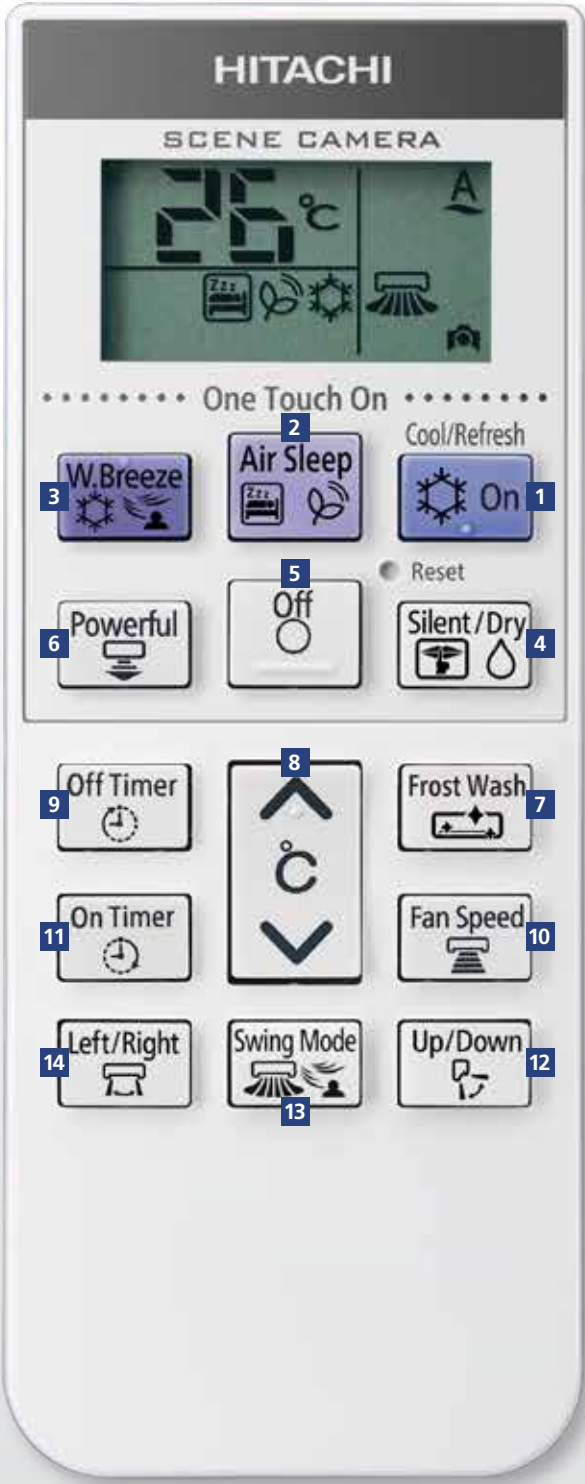
One Touch On

Just by pressing the button once, it will turn ON the air conditioner set at your desired mode setting. You do not need to press "ON" button and then select your mode.

SCENE CAMERA CEILING
Air Sleep Ceiling
Frost Wash
STAINLESS CLEAN
VECTOR DC INVERTER

Key Features

- 1 ON Button / Refresh Mode
- 2 Air Sleep Ceiling / Air Sleep Feel / Eco Mode
- 3 Welcome Breeze
- 4 Silent / Dry Mode Selector
- 5 Off Button
- 6 Powerful Mode Button
- 7 Frost Wash Button
- 8 Set Temperature Selector
- 9 Off Timer Button
- 10 Fan Speed Selector
- 11 On Timer Button
- 12 Up / Down Air Flow Control
- 13 Swing Mode Selector
- 14 Left / Right Air Flow Control
- 15 Smart Swing Selector



RAS-VX18CJ
RAS-VX24CJ

RAS-VX10CJ/ VX13CJ

Deluxe Plus Inverter

SX

Air Sleep
STAINLESS CLEAN
VECTOR DC INVERTER
Air Sleep Feel
UV^{Fresh}



RAS-SX10CJ/RAS-SX13CJ



RAS-SX10CJ/ RAS-SX13CJ

- 1 On Button
- 2 Air Sleep Mode
- 3 Silent Mode
- 4 Dry Mode
- 5 Off Button
- 6 Powerful Mode
- 7 Fan Speed Selector
- 8 Set Temperature Selector
- 9 Off Timer Button
- 10 Up/Down Air Flow Direction Selector
- 11 On Timer Button

One Touch On

Just by pressing the button once, it will turn ON the air conditioner set at your desired mode setting. You do not need to press "ON" button and then select your mode.

Specification

Model	Indoor		RAS-SX10CJ	RAS-SX13CJ
	Outdoor		RAC-SX10CJ	RAC-SX13CJ
Phase, Voltage, Frequency		ΦV,Hz	,220-230V,50Hz	
Cooling Capacity	kW		2.85(0.6-3.4)	3.7(0.9-4.2)
	BTU/h		9,730(2,047-11,500)	12,640(3,070-14,330)
EER	BTU/h-W		12.16	12.15
Total Input	W		800(300-1,190)	1,040(300-1,190)
Total Amperes	A		4.32-4.13	5.91-5.65
Air flow (Powerful/H/M/L/Silent)	m3/min		10.5/9.5/7.5/5.5/3.5	12.5/11.0/8.5/6.5/3.5
Indoor Sound Level (Powerful/H/M/L/Silent)	dB		44/42/37/32/19	48/47/40/33/19
Dehumidifying Capacity	l/h		1.2	1.4
Maximum Length/Height of Piping	m		20/10	20/10
Diameter for Liquid/Gas	mm		6.35/9.52	6.35/9.52
Power Supply			Indoor	Indoor
Net Dimensions	Indoor(W×H×D)	mm	790x300x230	790x300x230
	Outdoor(W×H×D)	mm	700x468x258	700x468x258
Net Weight	Indoor/Outdoor	kg	8.5/22.5	9.5/23
Refrigerant			R32	

Outdoor

RAC-SX10CJ/ SX13CJ

Anti Corrosion Green Fin

RAC-SX10CJ/ SX13CJ

Deluxe Inverter

DX

Air Sleep Feel
Frost Wash
STAINLESS PRE FILTER | UV^{Fresh}
VECTOR DC INVERTER



RAS-DX18CJ/DX24CJ



DX18CJ/ DX24CJ

Specification

Model	Indoor		RAS-DX18CJ	RAS-DX24CJ
	Outdoor		RAC-DX18CJ	RAC-DX24CJ
Phase, Voltage, Frequency		ϕV,Hz	1ϕ,220-230V, 50Hz	
Cooling Capacity	kW		5.0(0.9-5.8)	6.2(1.5-7.0)
	BTU/h		17,060(3,070-19,791)	21,160(5,118-23,891)
EER	BTU/h-W		11.60	9.84
Total Input	W		1,470(320-2,000)	2,150(300-2,820)
Total Amperes	A		6.75-6.45	9.87-9.44
Air flow (Powerful/H/M/L/Silent)	m3/min		15.0/14.5/12.0/8.0/6.0	15.0/14.0/12.0/8.0/6.0
Indoor Sound Level (Powerful/H/M/L/Silent)	dB		49/48/40/33/30	49/48/40/33/30
Dehumidifying Capacity	l/h		3.4	4.5
Maximum Length/Height of Piping	m		20/10	30/20
Diameter for Liquid/Gas	mm		6.35/12.7	6.35/12.7
Power Supply			Indoor	Indoor
Net Dimensions	Indoor (W×H×D)	mm	900x300x230	900x300x230
	Outdoor (W×H×D)	mm	850x650x298	850x750x298
Net Weight	Indoor/Outdoor	kg	10.5/43	11.5/45
Refrigerant			R32	

Outdoor

RAC-DX18CJ

RAC-DX24CJ

Anti Corrosion Green Fin

RAC-DX18CJ

RAC-DX24CJ

- 1 ON Button / Refresh Mode
- 2 Air Sleep Feel Mode
- 3 Silent / Dry Selector
- 4 Frost Wash Button
- 5 Off Button
- 6 Powerful Mode
- 7 Fan Speed Selector
- 8 Set Temperature Selector
- 9 Off Timer Button
- 10 Up / Down Air Flow Control
- 11 Left / Right Air Flow Control

Standard Inverter



VECTOR DC INVERTER
Air Sleep Timer



RAS-X10CJ/ X13CJ

Specification

Model	Indoor		RAS-X10CJ	RAS-X13CJ
	Outdoor		RAC-SX10CJ	RAC-SX13CJ
Phase, Voltage, Frequency		ϕV,Hz	1ϕ,220-230V, 50Hz	
Cooling Capacity	kW		2.85(0.6-3.4)	3.7(0.9-4.2)
	BTU/h		9,730(2,047-11,500)	12,640(3,070-14,330)
EER	BTU/h·W		12.16	12.15
Total Input	W		800(300-1,190)	1,040(300-1,190)
Total Amperes	A		4.32-4.13	5.91-5.65
Air flow (Powerful/H/M/L/Silent)	m3/min		10.5/9.5/7.5/5.5/3.5	12.5/11.0/8.5/6.5/3.5
Indoor Sound Level (Powerful/H/M/L/Silent)	dB		44/42/37/32/19	48/45/40/33/19
Dehumidifying Capacity	l/h		1.2	1.4
Maximum Length/Height of Piping	m		20/10	20/10
Diameter for Liquid/Gas	mm		6.35/9.52	6.35/9.52
Power Supply			Indoor	Indoor
Net Dimensions	Indoor (W×H×D)	mm	790x300x230	790x300x230
	Outdoor (W×H×D)	mm	700x468x258	700x468x258
Net Weight	Indoor/Outdoor	kg	8.5/22.5	9.5/23
Refrigerant			R32	

Outdoor



RAC-SX10CJ/ RAC-SX13CJ

Anti Corrosion Green Fin



RAC-SX10CJ/ SX13CJ



RAS-X10CJ/ RAS-X13CJ

- 1 On Button/ Refresh Mode
- 2 Powerful Mode
- 3 Silent Mode
- 4 Dry Mode
- 5 Off Button
- 6 Air Sleep Timer
- 7 Fan Speed Selector
- 8 Set Temperature Selector
- 9 Off Timer Button
- 10 Up/Down Air Flow Control
- 11 On Timer Button

Standard Type



RAS-F10CJ



RAS-F13CJ



RAS-F18CJ

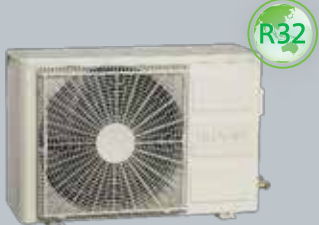


RAS-F18CJ

Specification

Model	Indoor		RAS-F10CJ	RAS-F13CJ	RAS-F18CJ
	Outdoor		RAC-F10CJ	RAC-F13CJ	RAC-F18CJ
Phase, Voltage, Frequency		ϕ ,V/Hz	1ϕ ,220-230V,50Hz		
Cooling Capacity		kW	2.65	3.50-3.52	5.50
		BTU/h	9,040	11,942-12,010	18,760
EER	BTU/h·W	11.30-10.89	10.76-10.63	12.10	
Total Input	W	800-830	1,110-1,130	1,550	
Total Amperes	A	3.71-3.68	5.15-5.01	7.1	
Airflow (Powerful/H/M/L/Silent)	m³/min	-/7.0/6.0/5.0/4.5	-/11.0/9.5/8.0/6.5	18.0/16.5/12.5/10.5/7.5	
Indoor Sound Level (Powerful/H/M/L/Silent)	dB	-/39/35/31/27	-/45/40/35/29	50/45/38/35/29	
Dehumidifying Capacity	L/h	1.4	1.8	3.5	
Maximum Length/Height of Piping	m	15/10	15/10	20/10	
Diameter for Pipe - Liquid/Gas	mm	6.35/9.52	6.35/9.52	6.35/12.70	
Power Supply			Indoor	Indoor	Indoor
Net Dimensions	Indoor (W×H×D)	mm	785x248x192	790x300x230	1,100x300x260
	Outdoor (W×H×D)	mm	700x468x258	700x468x258	850x650x298
Net Weight	Indoor/Outdoor	kg	6.5/25	8.5/25	14.5/44
Refrigerant			R32		

Outdoor



RAC-F10CJ/F13CJ



RAC-F18CJ



*3 Star only applicable for RAS-F10CJ & RAS-F13CJ



RAS-F10CJ/ RAS-F13CJ

- 1 On Button
- 2 Dry Mode
- 3 Circulation Mode
- 4 Off Button
- 5 Air Sleep Timer
- 6 Fan Speed Selector
- 7 Set Temperature Selector
- 8 Off Timer Button
- 9 Up/Down Air Flow Direction Selector
- 10 On Timer Button
- 11 Powerful Mode

RAS-F18CJ

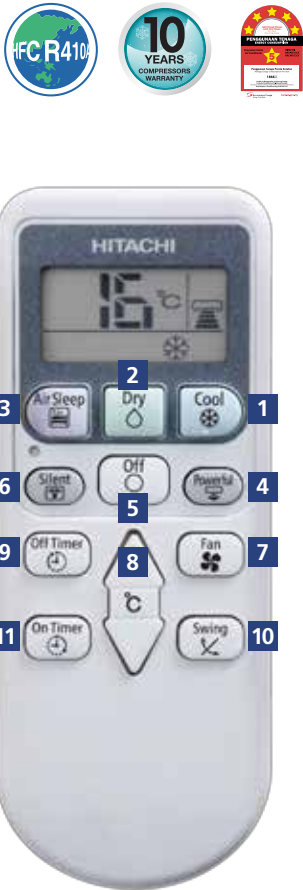
Deluxe Plus Inverter

SX

Air Sleep
STAINLESS CLEAN
VECTOR DC INVERTER



RAS-SX10CD/RAS-SX13CD



RAS-SX10CD/RAS-SX13CD

Specification

Model	Indoor		RAS-SX10CD	RAS-SX13CD
	Outdoor		RAC-SX10CD	RAC-SX13CD
Phase, Voltage, Frequency	φ,V,Hz	1φ,220-230V,50Hz		
Cooling Capacity	kW		2.85(0.9-3.4)	3.7(0.9-4.2)
	BTU/h		9,730(3,070-11,500)	12,640(3,070-14,330)
EER	BTU/h-W		13.10	12.15
Total Input	W		740(210-1,190)	1,040(330-1,280)
Total Amperes	A		4.32-4.13	5.91-5.65
Airflow (HH/H/M/L/Silent)	m³/min		12.0/11.0/9.0/8.0/3.5	12.0/11.0/9.5/7.5/3.5
Indoor Sound Level (HH/H/M/L/(Ss))	dB		44/42/37/32/19(19)	48/47/40/33/19(19)
Dehumidifying Capacity	L/h		1.4	1.6
Maximum Length/Height of Piping	m		20/10	20/10
Diameter for Pipe - Liquid/Gas	mm		6.35/9.52	6.35/9.52
Power Supply			Outdoor	Outdoor
Net Dimensions	Indoor (W×H×D)	mm	790x300x230	790x300x230
	Outdoor (W×H×D)	mm	700x468x258	700x468x258
Net Weight	Indoor/Outdoor	kg	9/23	10/24
Refrigerant			R410A	

Outdoor



- 1 On Button
- 2 Dry Mode
- 3 Air Sleep Mode
Air Sleep Sensor works to auto select temperature control and silence good for sleep.
- 4 Powerful Mode
- 5 Off Button
- 6 Silent Mode
- 7 Fan Speed Selector
- 8 Set Temperature Selector
- 9 Off Timer Button
- 10 Up/Down Air Flow Direction Selector
- 11 On Timer Button

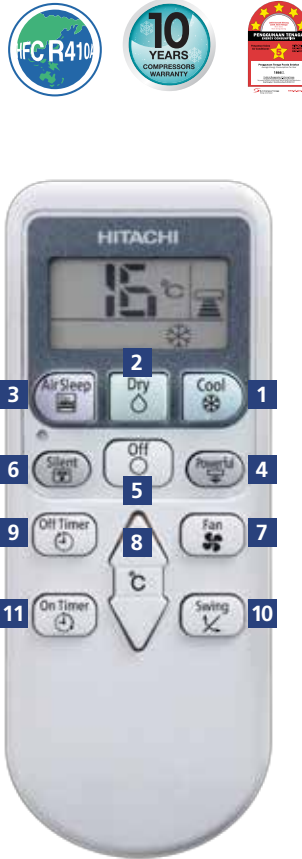
Deluxe Inverter

DX

Air Sleep
STAINLESS PRE FILTER
VECTOR DC INVERTER



RAS-DX18CF/RAS-DX24CF



RAS-DX18CF/RAS-DX24CF

Specification

Model	Indoor		RAS-DX18CF	RAS-DX24CF
	Outdoor		RAC-DX18CF	RAC-DX24CF
Phase, Voltage, Frequency	φ,V,Hz	1φ 50Hz,220-230V		
Cooling Capacity	kW		5.2(0.9-5.4)	6.5(1.5-8.0)
	BTU/h		17,740(3,070-18,430)	22,180(5,117-27,299)
EER	BTU/h-W		11.20	11.35
Total Input	W		1,580(335-2,200)	1,960(200-2,820)
Total Amperes	A		8.95-8.55	9.00-8.60
Airflow (HH/H/M/L/Silent)	m³/min		15.0/14.5/13.0/9.0/6.5	15.5/15.0/13.5/10.0/7.0
Indoor Sound Level (HH/H/M/L/(Ss))	dB		48/47/41/32/26(-)	49/48/41/34/28(-)
Dehumidifying Capacity	L/h		2.8	4.5
Maximum Length/Height of Piping	m		20/10	30/20
Diameter for Pipe - Gas/ Liquid	mm		12.70/6.35	15.88/9.35
Power Supply			Outdoor	Outdoor
Net Dimensions	Indoor (W×H×D)	mm	900x300x230	900x300x230
	Outdoor (W×H×D)	mm	750x570x280	850x800x298
Net Weight	Indoor/Outdoor	kg	10/37	10/53
Refrigerant			R410A	

Outdoor



- 1 On Button
- 2 Dry Mode
- 3 Air Sleep Mode
Air Sleep Sensor works to auto select temperature control and silence good for sleep.
- 4 Powerful Mode
- 5 Off Button
- 6 Silent Mode
- 7 Fan Speed Selector
- 8 Set Temperature Selector
- 9 Off Timer Button
- 10 Up/Down Air Flow Direction Selector
- 11 On Timer Button

Standard Type

F



Specification

Model	Indoor		RAS-F10CG1	RAS-F13CF	RAS-F18CF	RAS-F24CF
	Outdoor		RAC-F10CG1	RAC-F13CF	RAC-F18CF	RAC-F24CF
Phase, Voltage, Frequency		φ,V,Hz	1φ,220-230V, 50Hz,			
Cooling Capacity	kW		2.65	3.50-3.52	5.10-5.20	6.51
	BTU/h		9,040	11,950-12,020	17,420-17,760	22,215-22,215
EER	BTU/h·W		11.30	9.72-9.62	9.73-9.92	9.79-9.26
Total Input	W		800-830	1,230-1,250	1,790-1,790	2,270-2,400
Total Amperes	A		3.71-3.68	5.70-5.54	8.30-8.10	10.90-10.60
Airflow (HH/H/M/L/Silent)	m³/min		-/7.0/6.0/5.0/4.5	-/12.0/10.5/8.5/6.0	-/14.7/12.5/10.5/-	-/14.5/12.0/11.0/9.2
Indoor Sound Level (HH/H/M/L/Silent)	dB		-/39/35/31/27	-/47/43/37/29	-/47/42/39/36	-/49/42/39/36
Dehumidifying Capacity	L/h		1.4	2.8	2.8	3.5
Maximum Length/Height of Piping	m		15/10	15/10	15/10	15/10
Diameter for Pipe - Liquid/ Gas	mm		6.35/9.52	6.35/12.70	6.35/12.70	6.35/15.88
Power Supply			Indoor	Indoor	Indoor	Indoor
Net Dimensions	Indoor (W×H×D)	mm	785x248x192	790x300x230	900x300x230	1,030x295x207
	Outdoor (W×H×D)	mm	700x468x258	750x570x280	750x570x280	850x650x298
Net Weight	Indoor/Outdoor	kg	6.5/25	9.5/31.5	10.5/34	12/48
Refrigerant			R410A			

Outdoor



- 1 On Button
- 2 Dry Mode
- 3 Circulation Mode
- 4 Off Button
- 5 Sleep Mode
- 6 Fan Speed Selector
- 7 Set Temperature Selector
- 8 Off Timer Button
- 9 Up/Down Air Flow Direction Selector
- 10 On Timer Button

Window Type



Specification

Model		Window	RA-10MF	RA-10MDF	RA-13MF	RA-13MDF
Power Source		Phase,Hertz,Voltage	1φ,50Hz,220V			
Cooling Capacity		kW	2.65	2.65	3.61	3.61
		BTU/h	9,040	9,040	12,310	12,310
EER		Btu/h.W	10.27	10.27	10.26	10.26
Total Input		W	880	880	1,200	1,200
Total Amperes		A	4.20	4.20	5.70	5.70
Air Flow (H/M/L)		m³/min	7.5/-/5.3	7.5/6.1/5.3	9.2/-/6.1	9.2/7.6/6.1
Sound Level (H/M/L)	Indoor	dBA	48/-/41	48/44/41	53/-/44	53/49/44
Dehumidifying Capacity		l/h	1.6	1.6	2.1	2.1
Net Weight	Indoor	Kg	34.00	34.00	45.00	45.00
Net Dimensions(W x H x D)		Indoor	mm	470x345x640	470x345x640	560x375x709

Nano Titanium WASABI Air Purifying Filter

Packed with a hybrid coating of Nano Titanium and WASABI solution, this filter realizes powerful antibacterial, anti-mold, anti-allergen, and deodorizing effect.

Nano Titanium Pre-Filter

Hitachi's unique "Nano Titanium Pre-Filter" features a coating of Nano Titanium that resolves adhering microbes and odors. Due to its sleek surface, even dust containing grease can be easily wiped off without using water.

Twin Turbo Fan

Hitachi's Twin Turbo Fan delivers air flow that conventional fans simply cannot match. The streamlined, drag-reducing design also helps to dampen noise efficiently.

Green Fin Condenser



























With its special anti-corrosion "green" coating, the Green Fin Condenser lasts up to three times as long as standard types. This coating assures better performance, durability and savings, even in tough conditions such as those in coastal areas.

Left-Right Auto Swing

Vertical airflow from the left and right sides is delivered by the automatic horizontal movement of the air deflectors over a wide angle to cool the entire room uniformly.

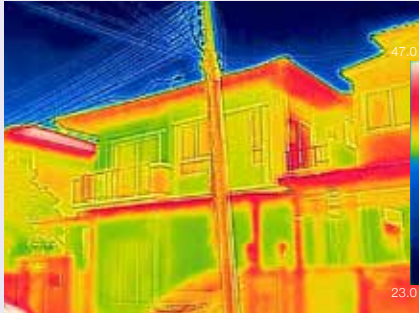
High Efficiency

Thanks to the powerful rotary compressor, highly efficient heat exchanger and Twin Turbo fan, Hitachi Twin Flow models deliver unbeatable energy efficiency.

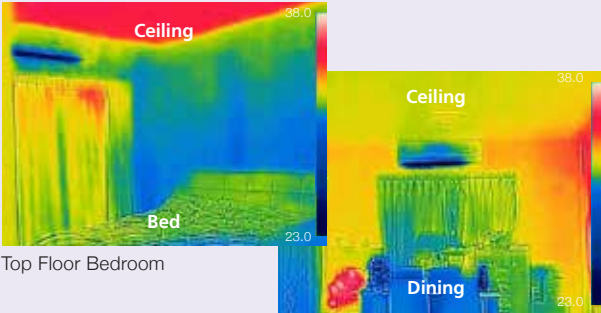
Model	HP	R32					R410A			
		Vector DC Inverter				Non-Inverter	Vector DC Inverter		Non-Inverter	
		VX Premium	SX Deluxe Plus	DX Deluxe	X Standard	F Standard	SX Deluxe Plus	DX Deluxe Inverter	F Standard	
										
	1.0HP	RAS-VX10CJ 		RAS-SX10CJ 		RAS-X10CJ 	RAS-F10CJ 	RAS-SX10CD		RAS-F10CG1
	1.5HP	RAS-VX13CJ 		RAS-SX13CJ 		RAS-X13CJ 	RAS-F13CJ 	RAS-SX13CD		RAS-F13CF
	2.0HP		RAS-VX18CJ 		RAS-DX18CJ 		RAS-F18CJ 		RAS-DX18CF	RAS-F18CF
	2.5HP		RAS-VX24CJ 		RAS-DX24CJ 			RAS-DX24CF		RAS-F24CF
Key Feature	Sensing Technology	SCENE CAMERA CEILING Image Camera Thermo Camera	SCENE CAMERA CEILING-T Twin Thermo Camera							
		Air Sleep Sensor					Air Sleep Sensor			
	Comfort	Welcome Breeze Welcome Target Flow Heat Source Cooling								
	Energy Saving	Eco Mode								
	Good Sleep	Air Sleep Ceiling & Air Sleep Feel Automatic Temperature, Humidity Control and Super Silent Operation Ceiling Flow Human Targeted Flow	Air Sleep Feel  Automatic Temperature, Humidity Control and Super Silent Operation 		Air Sleep Timer Timer Temperature Control		Air Sleep Automatic Temperature Control, Super Silent Operation		Sleep Mode	
		Clean	Frost Wash 		Frost Wash 					
Stainless Clean			Stainless Pre-filter			Stainless Clean	Stainless Pre-filter			
UV Fresh						UV Fresh				
	Nano Titanium Wasabi Air Purifying Filter						Nano Titanium Wasabi Air Purifying Filter			

Suitable capacity for your room

South East Asia has one of the highest heat loads from the strong sunlight. Sunlight heat severely affects the top floor ceilings (like the bedroom) and windows. Please choose the best capacity for your room for higher energy efficiency and speedy cooling.





House in South East Asia





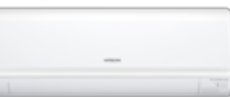























Top Floor Bedroom

Bottom Floor Living Room

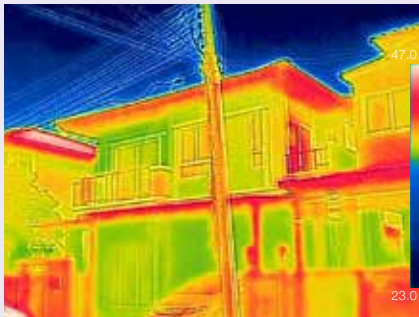
Room Area	Top Floor Room 		Bottom Floor Room 	
	Recommended BTU/h*1	Approximate Horse Power*2	Recommended BTU/h*1	Approximate Horse Power*2
9 - 11 m ²	9,333 - 11,407	1.0HP	7,765 - 9,491	1.0HP
12 - 14 m ²	12,444 - 14,518	1.5HP	10,354 - 12,080	1.0-1.5HP
15 - 18 m ²	15,555 - 18,666	2.0HP	12,945 - 15,531	1.5-2.0HP
19 - 26 m ²	19,703 - 26,961	2.5HP	16,394 - 22,433	2.0-2.5HP
27 - 30 m ²	27,998 - 31,109	3.0HP	23,296 - 25,885	2.5HP

*1 Calculated based on SHASE-S112-2000 standard. Condition: West side room with small window (1.8x0.9m), external heat insulation level low.
The necessary cooling capacity may differ depending on your room condition.
*2 Recommendation based on Hitachi Inverter Room Air Conditioner product line up.

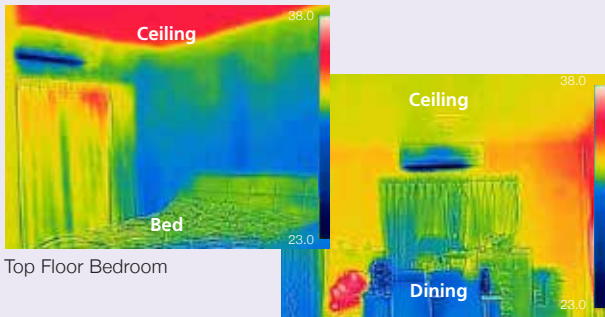
Model	HP	R32					R410A			
		Vector DC Inverter				Non-Inverter	Vector DC Inverter		Non-Inverter	
		VX Premium	SX Deluxe Plus	DX Deluxe	X Standard	F Standard	SX Deluxe Plus	DX Deluxe Inverter	F Standard	
										
1.0HP	RAS-VX10CJ 		RAS-SX10CJ 		RAS-X10CJ 	RAS-F10CJ 	RAS-SX10CD		RAS-F10CG1	
1.5HP	RAS-VX13CJ 		RAS-SX13CJ 		RAS-X13CJ 	RAS-F13CJ 	RAS-SX13CD		RAS-F13CF	
2.0HP		RAS-VX18CJ 		RAS-DX18CJ 		RAS-F18CJ 		RAS-DX18CF	RAS-F18CF	
2.5HP		RAS-VX24CJ 		RAS-DX24CJ 			RAS-DX24CF		RAS-F24CF	
Key Feature	Sensing Technology	<div>SCENE CAMERA CEILING</div> <div>Image Camera</div> <div>Thermo Camera</div>	<div>SCENE CAMERA CEILING-T</div> <div>Twin Thermo Camera</div>							
		Air Sleep Sensor						Air Sleep Sensor		
	Comfort	<div>Welcome Breeze</div> <div>Welcome Target Flow</div> <div>Heat Source Cooling</div>								
	Energy Saving	Eco Mode								
	Good Sleep	<div>Air Sleep Ceiling & Air Sleep Feel</div> <div>Automatic Temperature, Humidity Control and Super Silent Operation</div> <div>Ceiling Flow</div> <div>Human Targeted Flow</div>		<div>Air Sleep Feel </div> <div>Automatic Temperature, Humidity Control and Super Silent Operation </div>		<div>Air Sleep Timer</div> <div>Timer Temperature Control</div>		<div>Air Sleep</div> <div>Automatic Temperature Control, Super Silent Operation</div>		<div>Sleep Mode</div>
	Clean	<div>Frost Wash </div> <div>Stainless Clean</div> <div>UV Fresh</div> <div>Nano Titanium Wasabi Air Purifying Filter</div>			<div>Frost Wash </div> <div>Stainless Pre-filter</div>			<div>Stainless Clean</div> <div>UV Fresh</div> <div>Nano Titanium Wasabi Air Purifying Filter</div>	<div>Stainless Pre-filter</div>	

Suitable capacity for your room

South East Asia has one of the highest heat loads from the strong sunlight. Sunlight heat severely affects the top floor ceilings (like the bedroom) and windows. Please choose the best capacity for your room for higher energy efficiency and speedy cooling.





House in South East Asia



Top Floor Bedroom

Bottom Floor Living Room

	Top Floor Room 		Bottom Floor Room 	
Room Area	Recommended BTU/h*1	Approximate Horse Power*2	Recommended BTU/h*1	Approximate Horse Power*2
9 - 11 m ²	9,333 - 11,407	1.0HP	7,765 - 9,491	1.0HP
12 - 14 m ²	12,444 - 14,518	1.5HP	10,354 - 12,080	1.0-1.5HP
15 - 18 m ²	15,555 - 18,666	2.0HP	12,945 - 15,531	1.5-2.0HP
19 - 26 m ²	19,703 - 26,961	2.5HP	16,394 - 22,433	2.0-2.5HP
27 - 30 m ²	27,998 - 31,109	3.0HP	23,296 - 25,885	2.5HP

*1 Calculated based on SHASE-S112-2000 standard. Condition: West side room with small window (1.8x0.9m), external heat insulation level low. The necessary cooling capacity may differ depending on your room condition.
*2 Recommendation based on Hitachi Inverter Room Air Conditioner product line up.

Features Comparison

		R32					R410		
		Vector DC Inverter					Non-Inverter	Vector DC Inverter	Non-Inverter
		Premium (VX)		Deluxe Plus (SX)	Deluxe (DX)	Standard (X)	Standard (F)	Deluxe Plus (SX)	Deluxe Inverter (DX)
		RAS-VX10CJ RAS-VX13CJ	RAS-VX18CJ RAS-VX24CJ	RAS-SX10CJ RAS-SX13CJ	RAS-DX18CJ RAS-DX24CJ	RAS-X10CJ RAS-X13CJ	RAS-F10CJ RAS-F13CJ RAS-F18CJ	RAS-SX10CD RAS-SX13CD	RAS-DX18CF RAS-DX24CF
Energy Saving	Scene Camera Ceiling	●							
	Scene Camera Ceiling-T		●						
	Air Sleep Ceiling	●	●						
	Air Sleep Feel	●	●	●	●				
	Air Sleep			●	●			●	●
	Air Sleep Timer						●		●
	Welcome Breeze	●	●						
	Eco Mode	●	●						
	Save Mode	●	●						
	Auto On/Auto Off	●							
Clean	Frost Wash	●	●		●				
	Stainless Clean	●	●	●				●	
	Stainless Dew Plate	●	●		●				
	UV Fresh	●	●	●	●			●	●
	Nano Titanium Stainless Pre-Filter	●	●	●	●			●	●
	Normal Pre-filter					●	●		●
	Nano Titanium Wasabi Air Purifying Filter	●	●	●	●	●	Optional	●	●
	Washable Detachable Front Panel	●	●	●	●	●	●	●	●
Comfort	Refresh Mode	●	●	●	●	●			
	Powerful Mode	●	●	●	●	●	RAS-F18CJ	●	●
	Silent Mode	●	●	●	●	●	RAS-F18CJ	●	●
	Fuzzy Logic Control	●	●	●	●	●	●	●	●
	Sensor Dry Operation	●	●	●	●	●	●	●	●
	Smart Swing	●	●						
	Direct/Indirect Swing	●							
	Up-Down Auto Swing	●	●	●	●	●	●	●	●
	Left-Right Auto Swing	●	●		●				
	Fan Speed	4 Grades	4 Grades	4 Grades	4 Grades	4 Grades	3 Grades	4 Grades	4 Grades
	Seamless Fan Speed Control	●	●	●	●	●		●	●
	Easy-to-use Remote Controller	●	●	●	●	●	●	●	●
	12h Timer	●	●	●	●	●	●	●	●
	12h/24h Timer								
Reliability	Refrigerant	R32	R32	R32	R32	R32	R32	R410A	R410A
	Vector DC Inverter System	●	●	●	●	●		●	●
	DC Power System	●	●	●	●	●	●	●	●
	Auto Restart	●	●	●	●	●	●	●	●
	Fireproof Electrical Enclosure	●	●	●	●	●	●	●	●
	Anti-Corrosion Green Fin/ Clear Fin*	●	●	●	●	●	RAS-F10CJ* & RAS-F13CJ*	●	●
	Anti-Rust Outdoor Casing	●	●	●	●		●	●	●
	3-Minute Delay Circuit (Fuse Blow Prevention)	●	●	●	●	●	●	●	●
	Two Cylinder Rotary Compressor		RAS-VX24CJ		RAS-DX24CJ			RAS-DX24CF	
	Changeable Drain Hose	●	●	●	●	●	●	●	●
	Changeable Drain Hose								

Features Introduction

Scene Camera Ceiling

Consists of single Thermo Camera, Image Camera and human sensor that monitors heat distribution, human activity level and location to auto-adjust cooling operation.

Scene Camera Ceiling-T

Consists of two Thermo Cameras and human sensor that monitors heat distribution in the room and human activity level to auto-adjust cooling operation.

Air Sleep

Monitors your sleep conditions and auto-adjust to super silent operation and maintains the optimum room temperature for a good sleep. It returns to the normal cooling mode when the sensor detects your awakening.

Air Sleep Timer

When Air Sleep Timer is set, it will shift to silent operation and Air Sleep temperature control by timer. Operation will stop after selected number of hours.

Air Sleep Ceiling

On top of controlling silent operation and optimum room temperature by Air Sleep mode, it will auto select ideal air flow control depending on the scenes.

Air Sleep Feel

Adds ideal humidity control for sleep, on top of Air Sleep Mode.

Welcome Breeze

Target cools human with extra cold and powerful air flow for the first15 min. Auto shift to Heat Source Cooling after 15 min.

Eco Mode

Scene Camera Ceiling smartly monitors human presence, location, activity level, sunlight and temperature to automatically adjust cooling operation for maximum comfort and minimum energy consumption.

Auto On

The air conditioner will automatically turn on after detecting people in the room.

Auto Off

The air conditioner will automatically turn off after 1 hour of human absence detection.

Save Mode

Limits maximum current during operation to prevent the circuit breaker from tripping.

Frost Wash

Washes away dust on heat exchanger by frosting and melting on its surface.

Stainless Clean

Stainless steel is applied to air ducts, louvre, dew plate and pre-filter to realize an antibacterial and dust prevention effect.

Stainless Dew Plate

Antibacterial and dust cut stainless steel applied to water pathways inside indoor unit.

UV Fresh

Antibacterial UV LED light is emitted to sterilize bacteria on the air purifying filters.

Nano Titanium Stainless Pre-Filter

Pre-filter with Nano Titanium Stainless coating that sterilize bacteria, deodorizes and enables easy cleaning.

Nano Titanium Pre-Filter

Pre-filter with Nano Titanium coating, which uses a TiO2 catalyst to provide an antibacterial and deodorizing effect.

Anti-Mold Pre-Filter

Pre-filter with anti-mold effect.

Nano Titanium Wasabi Air Purifying Filter

Air purifying filters are coated with Nano Titanium and wasabi contents to provide an antibacterial, anti-allergen, anti-mold and deodorizing effect.

Washable Detachable Front Panel

Easy-to-detach washable flat front panel for easy cleaning and maintenance.

Refresh Mode

Controls temperature and compressor operation to maximize a chilly feeling and reduce sensual humidity for a refreshing feeling.

Powerful Mode

A single press of the Powerful Mode button starts powerful cooling operation with maximum cooling power and fan speed.

Silent Mode

A single press of the Silent Mode button starts quiet operation.

Fuzzy Logic Control

The built-in microcomputer measures and records room size together with previous and current conditions and sets the advanced activation timer to provide optimum temperature.

Sensor Dry Operation

Decreases room humidity by softly cooling the room.

Smart Swing

By detecting human presence, individual location, activity level, sunlight and temperature, Scene Camera Ceiling enables smart adjustment of wind direction (left/right, near/far), swing time depending on the scene.

Direct/Indirect Swing

Direct Swing: Automatically sends cool air to the place where people are.
Indirect Swing: Automatically avoids sending cool air to the place where people are.

Up-Down Auto Swing

Wind direction is automatically directed up and down to deliver cool air evenly.

Left-Right Auto Swing

Wind direction is automatically directed left to right to deliver cool air evenly.

Seamless Fan Speed Control

The four fan speed levels (Powerful, High, Medium, Low, Silent) switch extremely smoothly for seamless non-step fan speed control.

12h/24h Timer

Timer setting that automatically turns off operation after a selected number of hours.

Air Exhaust System

Allows ventilation of the room.

Sleep Mode

Off timer useful when you would like the air conditioner to switch off after a certain amount of time during sleep.

Vector DC Inverter System

Uses a special microcomputer pre-installed with the compressor's mechanical properties data to monitor and adjust compressor rotation speed at all times for efficient, powerful, stable operation.

DC Power System

Uses DC indoor motors that are efficient, quiet and safe during maintenance.

Auto Restart

Restarts the air conditioner at the previous setting after a power failure.

Fireproof Electrical Enclosure

Electrical parts of indoor and outdoor units are tightly enclosed in a 100% metal box to ensure there is virtually no possibility of fire spreading.

Anti-Corrosion Green Fin

Anti-corrosion green coating on the outdoor unit heat exchanger.

Anti-Rust Outdoor Casing

Constructed of galvanized sheet complete with baked synthetic resin type paint that can withstand rust and harsh weather conditions.

3-Minute Delay Circuit (Fuse Blow Prevention)

Ensures there's no danger of the fuse blowing or damage to parts if operation is restarted accidentally.

Two Cylinder Rotary Compressor

Twin rotating cylinders assure better balanced rotation for less vibration and quieter operation.

Changeable Drain Hose

Drain hose connection is easily interchangeable to either the left or right of the indoor unit.

Drainless Splash System

Condensation from the evaporator is splashed back onto the condenser surface for better cooling efficiency without the need for a drain.

Twin Turbo Fan

Enables powerful air flow with low noise.