

GENERAL UNIT DATA
UTOPIA AIR CONDITIONING SYSTEM

Model		RAC-112SQB	RAC-140SQB	RAC-160SQB
Indoor Unit				
Power Supply	AC 1phase 230V 60Hz			
Outer Dimensions (WxDxH)	mm	1,060x370x940		
Nominal Cooling Capacity	kW	11.2	14.0	16.0
Cooling Power Consumption	kW	2.80	4.24	5.33
EER	W/W	4.00	3.30	3.00
Running Current	230V A	13.5	20.5	25.0
Starting Current	230V A	13.0		
Compressor Motor Output	kW	3.0		
Condenser Fan	Air Flow	m3/min	60	74
	Motor Output	kW(pole)	0.183(8)	
Main Refrigerant Piping	Gas Line	mm	15.88(with nut)	
	Liquid Line	mm	9.53(with nut)	
Net Weight	kg	76		
Sound Pressure Level	dB(A)	52	57	58
Refrigerant		R410A		

Notes:
Data in Specification List is measured according to the following conditions:
• Cooling Indoor Temperature is 27°C(DB) / 19.0°C(WB) Outdoor Temperature is 35°C(DB)
• Piping Length 7.5m • Piping Lift 0m
• Noise value is measured at 1.5m of distance away from the center portion of unit body.
• Noise value is measured in the anechoic chamber so that reflected sound should be taken into consideration in the field.

INDOOR UNIT COMBINATIONS

Indoor Type		CEILING MOUNTED		
Model Name (Outdoor)		RAC-112SQB	RAC-140SQB	RAC-160SQB
Model Name (Indoor)		RPC-4-0FSN3	RPC-5-0FSN3	RPC-6-0FSN3
Power Supply				
AC 1phase, 220V/60Hz				
Nominal Cooling Capacity	kW	11.2	14.0	16.0
Sound Pressure Level (Hi/Std/Lo)	dB(A)	44/42/37/32	48/45/41/35	49/47/42/36
Outer Dimensions (HxWxD)	mm	235x180x690		
Net Weight	kg (lbs)	41		
Cabinet Color		Neutral White		
Refrigerant		R410A		
Air Flow Rate (Hi/Std/Lo)	m3/min (cfm)	30/26.5/22/17 (1059/93/77/600)	35/31/25.5/20 (1234/109/900/706)	37/32/27/21 (1306/114/953/742)
Motor Output	W	160		
Connections Refrigerant Piping		Flare-Nut Connections (with Flare Nuts)		
Liquid Line	mm(in)	9.53		
Gas Line	mm(in)	15.88		
Condensate Drain		VP20		
Approximate Packing Measurement	m3/min	0.38		

Notes:
The nominal cooling capacity is the combined capacity of the Hitachi standard split system, and is based on the JIS standard BR616 Cooling Operation Conditions:
• Indoor Air Inlet Temperature: 27°C (80°F) DB
• 19.0°C (66.2°F) WB
• Outdoor Air Inlet Temperature: 35°C DB (95°F) DB Piping Length: 7.5m Piping Lift: 0m
2. The sound pressure level is based on following conditions:
• 1.5m Beneath the Unit
• The above data was measured in an anechoic chamber so that reflected sound should be taken into consideration in the field.

GENERAL UNIT DATA
WINDOW TYPE COMPACT INVERTER

MODEL	HOSEPOWER	INPUT POWER	APPROXIMATE WEIGHT	OPERATING WEIGHT	REFRIGERANT	COOLING CAPACITY	SEASONAL COP	SEASONAL EER	SEASONAL ESEER
RAM-50JK	0.8	230V/1.0	470 x 340 x 600	31	490 x 350	R410A	8.00	4.07	3.2
RAM-63JK	1.0	230V/1.2	470 x 340 x 600	33	490 x 350	R410A	10.30	3.41	3.1

NEW WINDOW TYPE COMPACT INVERTER

MODEL	HOSEPOWER	INPUT POWER	APPROXIMATE WEIGHT	OPERATING WEIGHT	REFRIGERANT	COOLING CAPACITY	SEASONAL COP	SEASONAL EER	SEASONAL ESEER
RAM-50JK	0.8	230V/1.0	470 x 340 x 600	31	490 x 350	R410A	8.00	4.03	3.4
RAM-63JK	1.0	230V/1.2	470 x 340 x 600	33	490 x 350	R410A	10.30	3.49	3.1

WINDOW TYPE INVERTER

MODEL	HOSEPOWER	INPUT POWER	APPROXIMATE WEIGHT	OPERATING WEIGHT	REFRIGERANT	COOLING CAPACITY	SEASONAL COP	SEASONAL EER	SEASONAL ESEER
RAM-50JK	0.8	230V/1.0	470 x 340 x 600	31	490 x 350	R410A	8.00	4.07	3.2
RAM-63JK	1.0	230V/1.2	470 x 340 x 600	33	490 x 350	R410A	10.30	3.41	3.1

WINDOW TYPE DELUXE

MODEL	HOSEPOWER	INPUT POWER	APPROXIMATE WEIGHT	OPERATING WEIGHT	REFRIGERANT	COOLING CAPACITY	SEASONAL COP	SEASONAL EER	SEASONAL ESEER
RAM-50JK	0.8	230V/1.0	470 x 340 x 600	31	490 x 350	R410A	8.00	4.07	3.2
RAM-63JK	1.0	230V/1.2	470 x 340 x 600	33	490 x 350	R410A	10.30	3.41	3.1

HI-LUXE SPLIT TYPE

MODEL	HOSEPOWER	INPUT POWER	APPROXIMATE WEIGHT	OPERATING WEIGHT	REFRIGERANT	COOLING CAPACITY	SEASONAL COP	SEASONAL EER	SEASONAL ESEER
RAM-50JK	0.8	230V/1.0	470 x 340 x 600	31	490 x 350	R410A	8.00	4.07	3.2
RAM-63JK	1.0	230V/1.2	470 x 340 x 600	33	490 x 350	R410A	10.30	3.41	3.1

ROYAL SPLIT TYPE

MODEL	HOSEPOWER	INPUT POWER	APPROXIMATE WEIGHT	OPERATING WEIGHT	REFRIGERANT	COOLING CAPACITY	SEASONAL COP	SEASONAL EER	SEASONAL ESEER
RAM-50JK	0.8	230V/1.0	470 x 340 x 600	31	490 x 350	R410A	8.00	4.07	3.2
RAM-63JK	1.0	230V/1.2	470 x 340 x 600	33	490 x 350	R410A	10.30	3.41	3.1

Indoor Type		CEILING CONCEALED		
Model Name (Outdoor)		RAC-112SQB	RAC-140SQB	RAC-160SQB
Model Name (Indoor)		RPI-4-0FSNQH	RPI-5-0FSNQH	RPI-6-0FSNQH
Power Supply				
AC 1phase, 220V/60Hz				
Nominal Cooling Capacity	kW	11.2	14.2	16.0
Sound Pressure Level (Hi/Me/Lo)	dB(A)	43/40/36	44/41/37	45/41/37
Outer Dimensions (WxDxH)	mm	900x800x350		
Net Weight	kg (lbs)	46	58	
Fan Device	Static Pressure (Hi/Std/Lo)	Pa		
	Air Flow Rate (Hi/Hi/Me/Lo)	m3/min (cfm)	27/23/19	37/31/25
Main Refrigerant Piping	Gas Line	mm(in)	15.88 (with nuts)*3	
	Liquid Line	mm(in)	9.53 (with nuts)	
Condensate Drain		VP25		
Refrigerant		R410A		

Notes:
Data in Specification List is measured according to the following conditions:
• Cooling Indoor Temperature is 27°C(DB) / 19.0°C(WB) Outdoor Temperature is 35°C(DB)
• Piping Length 7.5m • Piping Lift 0m
• Noise value is measured in a standard state of external static pressure, air filter is blown in back side, and filter is not closed to the unit body. If downward blowing air is fixed, noise value is raised to 5dB.
• Noise value is measured in the anechoic chamber so that reflected sound should be taken into consideration in the field.

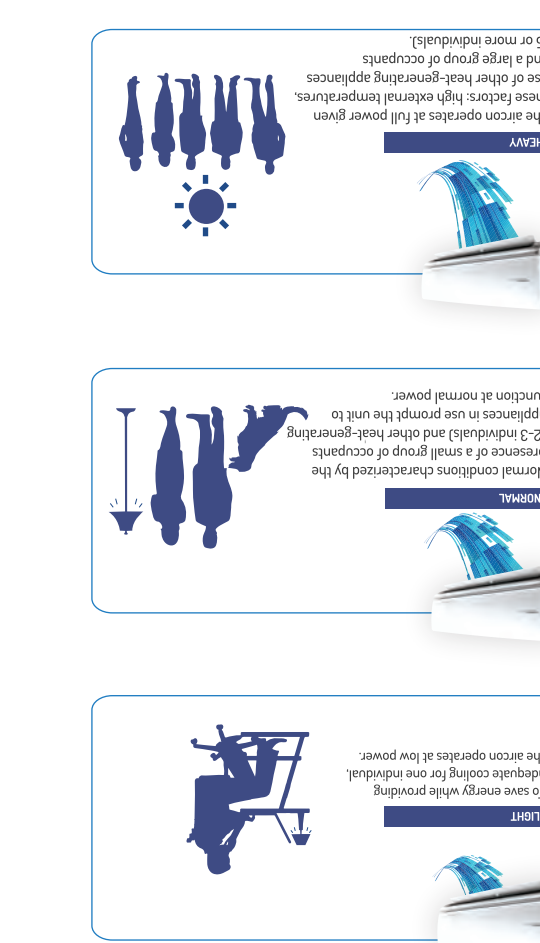
Indoor Type		CEILING CASSETTE 4-WAY TYPE		
Model Name (Outdoor)		RAC-112SQB	RAC-140SQB	RAC-160SQB
Model Name (Indoor)		RCI-4-0FSNIQ	RCI-5-0FSNIQ	RCI-6-0FSNIQ
Power Supply				
AC 1phase, 220V/60Hz				
Nominal Cooling Capacity	kW	11.2	14.2	16.0
Sound Pressure Level (Hi/Me/Lo)	dB(A)	41/36/33	43/38/35	44/40/36
Outer Dimensions (WxDxH)	mm	840x840x298		
Net Weight	kg	29 (64)		
Refrigerant		R410A (Nitrogen-charged for Corrosion-resistance)		
Indoor Fan Air Flow Rate (Hi/Me/Lo)	m3/min	32/28/24	34/29/25	37/32/27
Motor Output	W	108	108	108
Connections Refrigerant Piping		Flare-Nut Connections (with Flare Nuts)		
Liquid Line	mm(in)	9.53 (3/8)		
Gas Line	mm(in)	15.88 (5/8)		
Condensate Drain		VP25 (Outer Diameter 32)		
Approx. Packing Measurement	m3/min	0.26		
Standard Accessories		Suspension Brackets		
Panel Model		P-N2N2AQ		
Cabinet Color		Neutral White		
Outer Dimensions (WxDxH)	mm	950x950x37		
Net Weight	kg (lbs)	6(13)		
Approx. Packing Measurement	m3	0.08		

Notes:
Data in Specification List is measured according to following conditions:
• Cooling Indoor Temperature is 27°C(DB) / 19.0°C(WB) Outdoor Temperature is 35°C(DB)
• Piping Length 7.5m • Piping Lift 0m
• Noise value is measured at 1.5m distance away from the center portion of unit body.
• Noise value is measured in the anechoic chamber so that reflected sound should be taken into consideration in the field.

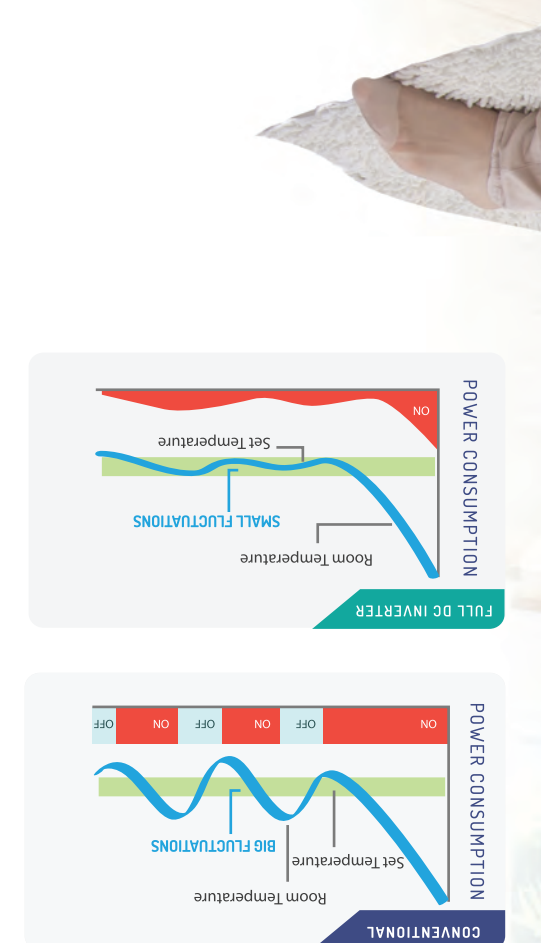
GENERAL UNIT DATA
MULTI-SPLIT

Cooling/Heating	RAM-50JK	RAM-63JK	RAM-71JK	RAM-83JK	RAM-93JK	RAM-108JK	RAM-130JK	RAM-160JK
Cooling Capacity	kW	5.0	6.3	7.2	8.4	8.4	9.0	10.0
Heating Capacity	kW	5.6	7.1	8.4	9.2	9.2	9.5	10.6
Maximum Removal	kg	2.4	3.6	4.8	5.6	5.6	6.4	8.8
Dimensions	mm	W590 (max. 900) x H885 (max. 1050)		W880 (max. 954) x H970 x D335		W900 (max. 1004) x H885 x D335		W960 (max. 1053) x H940 x D370
Running Current	A	5.7 (max. 8.0)	7.9 (max. 10.6)	9.2 (max. 12.4)	10.7 (max. 14.4)	11.5 (max. 16.0)	11.9 (max. 16.1)	13.7 (max. 17.3)
CGPF	kWh/kWh	5.79	5.90	5.63	5.65	5.49	5.82	5.76
Annual Power Consumption	kWh/year	1255	1726	2000	2331	2497	2595	2974
Efficiency Level		1	1	1	1	1	1	1
Piping	mm	6.35 x 2		12.7/9.53	12.7/9.53	12.7/9.53 x 2	12.7/9.53 x 3	15.88 x 2 / 9.53 x 3
Wiring Connection (Indoor Unit)	mm	6.35 x 2		6.35 x 2	6.35 x 2	6.35 x 2	6.35 x 2	6.35 x 2
Pitch of Installation Holes	mm	W509 x D335	W530 x D335	W530 x D335	W570 x D335	W570 x D335	W570 x D335	W700 x D420
Weights	kg	48	56	56	63	63	63	104

Multi-Split Combination		Models
Indoor Combination	1 To 2	RAM-50JK, RAM-63JK RAM-71JK, RAM-83JK RAM-93JK, RAM-108JK RAM-130JK, RAM-160JK
	1 To 3	RAM-86JK, RAM-93JK RAM-108JK, RAM-130JK RAM-160JK
	1 To 4	RAM-108JK, RAM-130JK RAM-160JK
	1 To 5	RAM-160JK



Hitachi air conditioners are equipped with artificial heat-exchanging appliances and the number of factors such as time and temperature of the day, thereby reducing as much power wastage as possible. Full DC Inverter saves energy by varying the rotation speed of its inverter components to maintain your ideal or pre-set temperature. Full DC Inverter adjusts its internal settings, avoiding wasteful power consumption while ensuring you stay comfortably cool at all times. Maintaining your pre-set temperature by an ordinary aircon can be too costly, energy-wise as it would require the compressor to constantly turn on and off. Hitachi air conditioners function with an exceptional energy-saving technology that work together more efficiently to deliver the cooling comfort you deserve while consuming the least possible power. Hence, you get more savings on your electricity bill. Hitachi air conditioners with Full DC Inverter Technology have not just one, not just two, but three inverters. More is Better. Choose Full DC Inverter.



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HITACHI

2019 HOME INVERTER SERIES

COMING HOME TO BETTER COMFORT

SOPHISTICATION MEETS CUTTING-EDGE EFFICIENCY

COME HOME TO BETTER COMFORT

FULL DC INVERTER TECHNOLOGY 3 INVERTERS IN 1

MANILA OFFICE: TEL: (02) 362-4847 FAX: (02) 362-7169 SERVICE: (02) 362-3842
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Johnson Controls HITACHI

5 YEAR WARRANTY

Specifications in this catalog are subject to change without prior notice to keep abreast with continuous product innovations for our customers' benefit. RES-0210

Luxe Design. High-tech Efficiency. For Healthy Air.



Hi-Luxe is our state of the art multi-functional model that combines the power of three hi-tech functionalities.



1 NANO SILVER AND PHOTOCATALYST FILTER

Blocks harmful germs and bacteria, reducing the risk of spreading harmful, airborne diseases.

2 ANTI-MOLD AND CLEANING FUNCTION

Purifies the air by eliminating mold and bad odors after you turn the unit on and off.

3 PM 2.5 FILTER

Keeps the air clean and healthy by filtering minute (2.5 microns = 2.5 x 10⁻⁶ meters), airborne particles, which could damage your health.

OTHER FEATURES:

- Pulse Amplitude Modulation
- Auto-Power Saving Mode
- Sleep Mode
- Automatic Indoor Machine Panel
- 3D-Movement Swing Blades
- Quiet Operation Mode
- User-Friendly Remote Control



Has cutting-edge technology that delivers optimal performance and energy efficiency while being environmentally friendly at the same time.

HIGH CSPF

High CSPF (Cooling Seasonal Performance Factor) value provides efficient cooling generated per kW, which is calculated by factoring in seasonal changes in temperature in one year.



Auto-Power Saving Mode

RAS/RAC-28JK

- 2.8 kW
- 750x 600 x 290 mm (WxHxD) (out)
- CSPF 6.85
- 1.0 HP
- 820 x 300 x 240 mm (WxHxD) (in)

RAS/RAC-40JK

- 4.1 kW
- 880x 790 x 300 mm (WxHxD) (out)
- CSPF 6.19
- 1.5 HP
- 920 x 300 x 240 mm (WxHxD) (in)

RAS/RAC-50JK

- 5.0 kW
- 910x 885 x 300 mm (WxHxD) (out)
- CSPF 5.93
- 2.0 HP
- 1090 x 300 x 250 mm (WxHxD) (in)

RAS/RAC-63JK

- 6.3 kW
- 980x 790 x 315 mm (WxHxD) (out)
- CSPF 5.52
- 2.5 HP
- 1090 x 300 x 250 mm (WxHxD) (in)

RAS/RAC-81JK

- 8.0 kW
- 920x 885 x 315 mm (WxHxD) (out)
- CSPF 5.41
- 3.0 HP
- 1090 x 300 x 250 mm (WxHxD) (in)

RAS/RAC-90JK

- 8.7 kW
- 920 x 885 x 315 mm (WxHxD) (out)
- CSPF 5.37
- 3.5 HP
- 1090 x 300 x 250 mm (WxHxD) (in)

Quiet Elegance. Performance that Rules.



Created to operate with low-to-zero noise, this innovative aircon model provides cooling efficiency that is unmatched in the industry.

QUIET OPERATION MODE

allows you to fully maximize the benefits of cool indoor air without unnecessary disturbances.

SLEEP-MODE ECO-SCAN

maintains ideal room temperature by automatically gauging ambient room temperature.

ANTI-ALLERGY FILTER

prevents the circulation of common airborne allergens such as dust, pollen and pet dander.

NANO TITANIUM AND PHOTOCATALYST FILTER

filters germs and bacteria, lowering the risk of spreading harmful, airborne illnesses.

DEHUMIDIFICATION DEVICE

removes excess moisture in the air by alternately setting cooling and fan modes without decreasing room temperature.

ECO-FRIENDLY REFRIGERANT

refers to the globally renowned R410A that cools any room efficiently without depleting the ozone.

PM 2.5 FILTER

Keeps the air clean and healthy by filtering minute (2.5 microns = 2.5 x 10⁻⁶ meters), airborne particles, which could damage your health.

OTHER FEATURES:

- Easy-to-Clean Panel
- Auto-Restart Function
- Auto-Protection Mode
- LCD Display
- User-Friendly Remote Control

RAS/RAC-08HTP

- 0.8 HP
- 9000 kJ/h
- 810 x 300 x 215 mm (in)
- 730 x 600 x 290 mm (out) (WxHxD)
- 15.50 EER

RAS/RAC-10HTP

- 1.0 HP
- 11500 kJ/h
- 910 x 300 x 215 mm (in)
- 730 x 600 x 290 mm (out) (WxHxD)
- 13.80 EER

RAS/RAC-15HTP

- 1.5 HP
- 15380 kJ/h
- 910 x 300 x 215 mm (in)
- 730 x 600 x 290 mm (out) (WxHxD)
- 14.62 EER

RAS/RAC-19HTP

- 1.9 HP
- 19000 kJ/h
- 1080 x 300 x 225 mm (in)
- 880 x 790 x 300 mm (out) (WxHxD)
- 14.26 EER

RAS/RAC-24HTP

- 2.5 HP
- 23400 kJ/h
- 1080 x 300 x 225 mm (in)
- 880 x 790 x 315 mm (out) (WxHxD)
- 14.15 EER

Leading-Edge Quality. Unequaled Efficiency.

WINDOW TYPE



RA-10HV

- 1.0 HP
- 10600 kJ/h
- 600 x 400 x 795 mm (WxHxD)
- EER: 13.5

RA-15HV

- 1.5 HP
- 13000 kJ/h
- 600 x 400 x 795 mm (WxHxD)
- EER: 12.4

RA-20HV

- 2.0 HP
- 18600 kJ/h
- 680 x 465 x 840 mm (WxHxD)
- EER: 12.0

RA-23HV

- 2.3 HP
- 22500 kJ/h
- 680 x 465 x 840 mm (WxHxD)
- EER: 11.7

Same Big Performance. Lighter Design.

COMPACT WINDOW TYPE



RA-08HVQ

- 0.8 HP
- 81800 kJ/h
- 470 x 340 x 600 mm (WxHxD)
- EER: 13.2

RA-10HVQ

- 1.0 HP
- 10350 kJ/h
- 470 x 340 x 600 mm (WxHxD)
- EER: 12.3

NO-NOISE OPERATION

delivers optimal cooling performance silently.

SELF-DIAGNOSE FUNCTION

automatically detects and identifies any malfunction in real time.

AUTO-SWING BLADES

instantaneously adjust air deflectors for extended cooling reach.

DUAL FAN MOTORS*

provide unobstructed air flow that further maximizes the unit's efficiency.

AION FILTER

effectively cleans indoor air by removing airborne bacteria and fungi.

VERSATILE MODE SETTINGS

simply shifting from FAN to COOL to DRY (dehumidify) and have a POWERFUL function (auto-mode adjustment) for enhanced cooling performance.

USER-FRIENDLY REMOTE CONTROL

is designed for easy operation, so you get stress-free cooling convenience without fuss.

ECO-FRIENDLY REFRIGERANT

is a globally accepted refrigerant (R410A) that cools efficiently without depleting the ozone.

STYLISHLY MODERN DESIGN

is sophisticated and works perfectly well with any type of interior design motif.

HIGH ENERGY EFFICIENCY RATIO

guarantees total cooling comfort while consuming less power.

OTHER FEATURES:

- Room Temperature Display
- Fan-Speed Adjustment
- Timer, Sleep and Lock Settings
- Five-Year Warranty for Compressor
- One-Year Warranty for Parts and Service
- Easily Detachable Filter

*Compact Window Type Inverter aircon has a single fan motor.

Lighter Design. Lighter on the Pocket.

WINDOW TYPE COMPACT INVERTER



RA-08HSV

- 0.8 HP
- 8800 kJ/h
- 470 x 340 x 600 mm (WxHxD)
- EER: 12.7

RA-10HSV

- 1.0 HP
- 10100 kJ/h
- 470 x 340 x 600 mm (WxHxD)
- EER: 11.9

UTOPIA AIR CONDITIONING SYSTEM

- Uses the same DC Inverter Technology in a smaller size – total weight is decreased by 21%
- DC fan motors work more efficiently compared to AC motors, therefore use less energy.

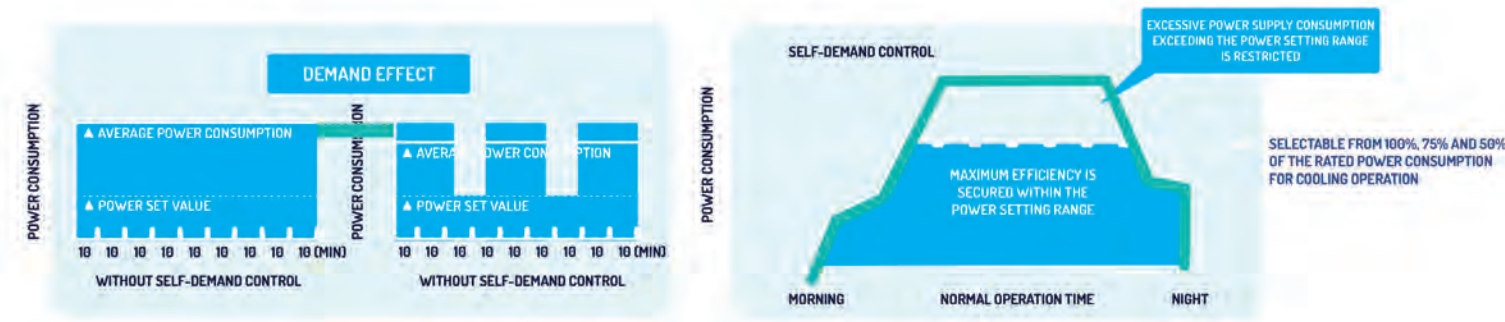


REVOLUTIONARY R410A REFRIGERANT

The R410A refrigerant was developed to replace R-22. It has a lower ozone depletion potential.

SELF-DEMAND CONTROL

With self-demand control feature, the unit can detect the current by power rationing. It automatically controls power consumption by detecting current and controlling its original external signals to select multiple operation modes ideal for different requirements.



Our Classic Hit. Exceptionally Energy Saving.



RA-06SR

- 0.6 HP
- 11.1 EER
- 470 x 340 x 600mm (WxHxD)

RA-08SR

- 0.8 HP
- 11.7 EER
- 470 x 340 x 600mm (WxHxD)

RA-10SR

- 1.0 HP
- 10.8 EER
- 470 x 340 x 600mm (WxHxD)

RA-15SR

- 1.5 HP
- 10.0 EER
- 600 x 400 x 795mm (WxHxD)

RA-20SR

- 2.0 HP
- 10.0 EER
- 600 x 400 x 795mm (WxHxD)

HIGH ENERGY EFFICIENCY RATIO

is the standard industry index for determining an aircon's power-saving capacity. The higher the EER, the more energy is saved!

ECO-FRIENDLY REFRIGERANT

refers to the globally renowned R410A that cools any room efficiently without depleting the ozone.

AION FILTER

allows you and your family to enjoy healthy indoor air that's free of bacteria and fungi.

ROOM TEMPERATURE DISPLAY

informs you of the actual room temperature during the cooling process.

AUTO-SWING BLADES

instantaneously adjusts air deflectors for extended cooling reach.

FAN SPEED ADJUSTMENT

lets you select between LOW, MEDIUM, HIGH and AUTO speeds with ease.

VERSATILE MODE SETTINGS

simply shifting from FAN to COOL to DRY (dehumidify) and have a POWERFUL function (auto-mode adjustment) for enhanced cooling performance.

OTHER FEATURES:

- Rapid Cooling
- Easily Detachable Filter
- User-Friendly Remote Control
- Timer, Sleep and Lock Settings

Enliven Your Home With Cost-Efficient Comfort.

MULTI-SPLIT RESIDENTIAL VRF



TWO Indoor Units

COMBINATIONS	RAM-S0NJK/JK	RAM-B3NJK/JK	RAM-71NJK/71JK	RAM-B3NJK/83JK	RAM-93NJK/JK	RAM-10BKN/JK	RAM-130NJK/JK
22+28	22+40	28+50	22+63	22+81	22+90	50+90	
22+36	22+50	36+56	22+71	28+71	40+71	63+81	
28+28	28+36	36+40	28+63	36+36	50+63	71+71	
28+40	28+40		40+40	40+63			
40+50	40+50		40+50	50+50			

THREE Indoor Units

COMBINATIONS	RAM-B6NJK/JK	RAM-B3NJK/JK	RAM-10BKN/JK	RAM-130NJK/JK
22+22+36	22+22+63	22+22+71	22+28+90	
22+22+40	22+36+36	22+36+63	28+28+81	
22+22+50	22+36+50	22+36+63	28+36+71	
22+28+36	22+40+50	28+36+63	28+50+63	
22+28+40	28+28+36	28+40+50	28+40+71	
22+28+50	28+28+90	40+40+40	36+40+71	
22+36+36	28+36+36			
22+36+40	28+36+40			
22+40+40				
28+28+28				
28+28+36				
28+28+40				

FOUR Indoor Unit Options

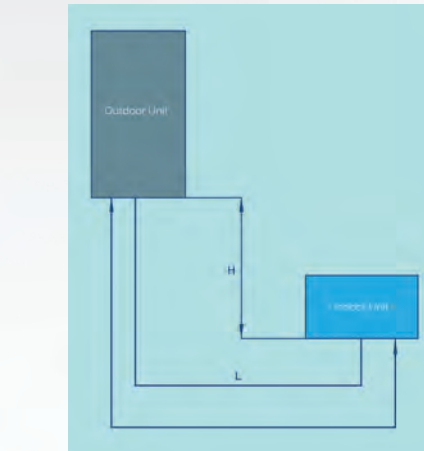
The indoor units come in four options: the 4-Way Ceiling Cassette Type, Ceiling Mounted Type, Inverter Slim Type and In-the-Ceiling Type.



Flexible Installations

The Utopia series air conditioner is optimized for long installations up to 75 meters.

(In this example, only one refrigerant pipe is used. In actual installation, however, separate pipes should be used for refrigerant and refrigeration oil.)



Outdoor Unit Model	RAC10SR	RAC10SR	RAC10SR
Total Pipe Length L	70	75	75
Max. Pipe Length (Actual)	30	30	30
Max. Pipe Length (Actual)	30	30	30
Gas	R410A	R410A	R410A
Refrigerant Pipe Size	Ø15.88	Ø15.88	Ø15.88
	Ø15.88	Ø15.88	Ø15.88
	Ø15.88	Ø15.88	Ø15.88

Single Refrigerant Piping System

The single refrigerant piping system can reduce your use of refrigerants, and the pipelines are streamlined for easy installation and less space consumption. The outdoor unit can be used for pipe connections compatible with all directions: from the front, back and bottom of the installation. Long refrigerant piping can be installed.

THREE INNOVATIONS. ONE NAME IN AIR CONDITIONING.



Japanese Technology, Taiwanese Design and Filipino Craftsmanship—three great world-class innovations brought together to create one exceptional air conditioner.

FOUR Indoor Units

COMBINATIONS	RAM-10BKN/JK	RAM-130NJK/JK
22+22+22+36	22+22+36+50	
22+22+28+28	28+28+36+63	
22+22+22+50	28+28+36+71	
22+22+28+50	28+28+40+63	
22+22+40+40	28+28+40+71	
22+28+28+36	28+28+50+63	
28+28+28+40		

FIVE Indoor Units

COMBINATIONS	RAM-160NJK
71+81/90	28+28+40+63/71/81/90
81+90/90	28+28+5