



**The Efficient
Climate-Friendly
and Smart Inverter
Multi-Split System**



TOSHIBA



**YouMe
PRO**

Toshiba Air-Conditioning Singapore

Carrier is a global leader in intelligent climate and energy solutions, employing approximately 53,000 professionals, including over 6,000 engineers. The company's legacy of innovation began with Willis Carrier's invention of modern air conditioning on July 17, 1902. Over the decades, Carrier has continued to shape the HVAC industry through groundbreaking technologies and strategic partnerships.

In April 1999, Toshiba Carrier Corporation (TCC) was established as a joint venture between Carrier and Toshiba Corporation, focusing on residential and light-commercial HVAC solutions such as VRF and heat pump systems. In April 2020, Carrier Global Corporation became an independent, publicly traded company following its separation from United Technologies. Two years later, in July 2022, Carrier completed the acquisition of TCC, and on May 1, 2024, the company rebranded TCC as Carrier Japan Corporation (CJC), reinforcing its identity within the Carrier family.



**YouMe
PRO**



✓✓✓
**Energy
Saving**


**Quick
Cooling**


**Dark
Mode**


**Enhanced Indoor
Air Quality**


**Easy
Care**


**Smart
Control**



CJC has introduced numerous industry-first innovations. In 1961, it launched the world's first split-type air conditioner for residential use, reducing noise and vibration by relocating the compressor outdoors. In 1980 and 1981, CJC developed and commercialized the world's first inverter air conditioners for commercial and residential applications, an achievement recognized by IEEE in 2021 as a historic milestone. In 1998, the company pioneered the adoption of R410A refrigerant (ODP=0) as an eco-friendly alternative to R22. Over time, CJC shifted its focus from domestic to global markets and from residential to commercial segments, advancing technologies in compressors and inverters for VRF systems and modular chillers.

CJC's commitment to innovation has earned it numerous accolades, including 32 honors at Japan's prestigious Energy Conservation Grand Prize, eight of which were the highest distinction. Recent award-winning products include FLEXAIR, a ductless spot zone air conditioning system introduced in 2018, and the Super Multi u series launched in 2020, a Toshiba branded global VRF system featuring advanced triple rotary compressors.

What to look out for in an air-conditioner?

01

Energy efficiency

The NEA energy label is used to display the energy efficiency of household appliances.

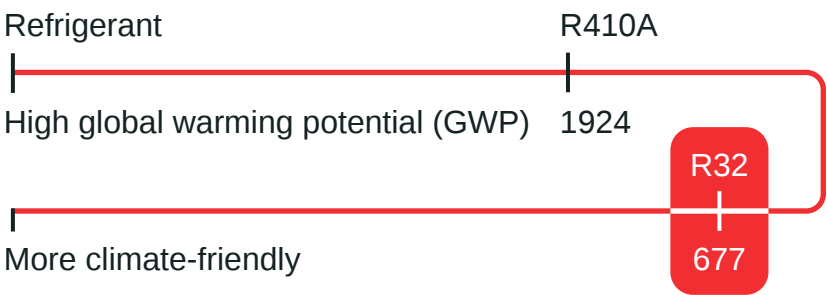


- 01 Energy Efficiency Rating
- 02 Ticks Rating
- 03 Annual Energy Cost based on 27 cents per kWh electricity cost
- 04 Annual Energy Consumption based on 8 hours daily usage

02

Climate-friendliness

Refrigerants can contribute to global warming when released into the atmosphere, and this is measured by its Global Warming Potential (GWP). In 2020, NEA rolled out a new label that enables consumers to identify air-conditioners that use climate-friendly refrigerants.



03

Right capacity

BTU (British Thermal Unit)/hr measures the cooling capacity of an air-conditioner. This is an approximate guide that is dependent on the actual heat load of the room to be cooled. For a more accurate recommendation, please check with our authorised dealers and installers.

Room Type	Area in Sq Ft. (Sqm)	kBTU/hr Required
Small Room	100-150 (9-14)	9
Master Bedroom	150-250 (14-23)	12
Living Room/Halls	300-400 (28-37)	18 - 24 onwards

04

No. of rooms to cool	System Required	No. of indoor units (blower)	No. of outdoor units (compressor)
2	System 2	2	1
3	System 3	3	1
4	System 4	4	1
5	System 5	5	1



05

Easy care

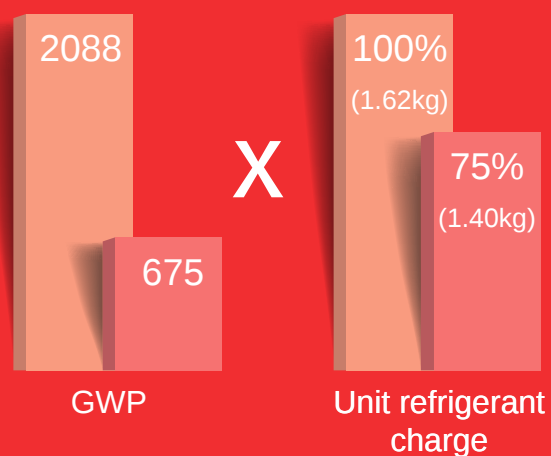
Enjoy clean air between maintenance intervals with advanced technology like our YouMe Pro Aqua Resin Coated Coil* and Self-Cleaning feature*. Regular maintenance intervals of 6 months is recommended to upkeep the condition and performance of your air-conditioner. For queries on air-conditioner servicing and maintenance, please contact your installer or any of our authorised dealers.

The Climate Friendly Choice

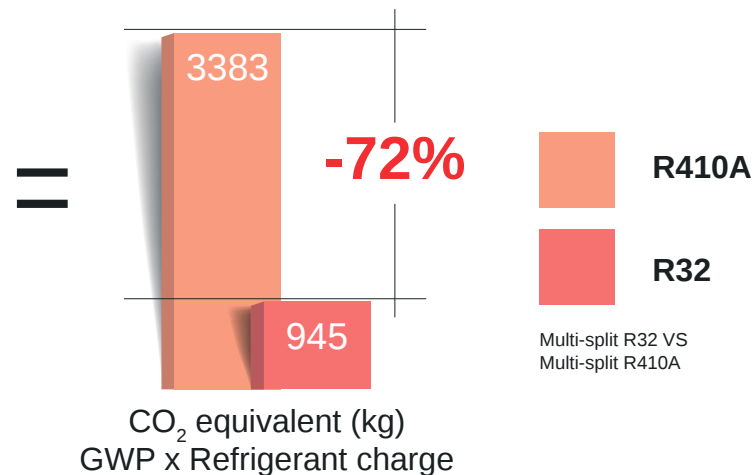


Planet-Friendly Refrigerant

With up to 72% fewer CO₂ emissions than its R410A counterpart, the R32 is a more climate-friendly refrigerant with lower global warming potential (GWP) and zero ozone depletion (ODP). Toshiba is proud to be the first 5-Tick Inverter Multi-split R32 air-conditioner in Singapore.



*Refer to 4.5kW model (System 2)

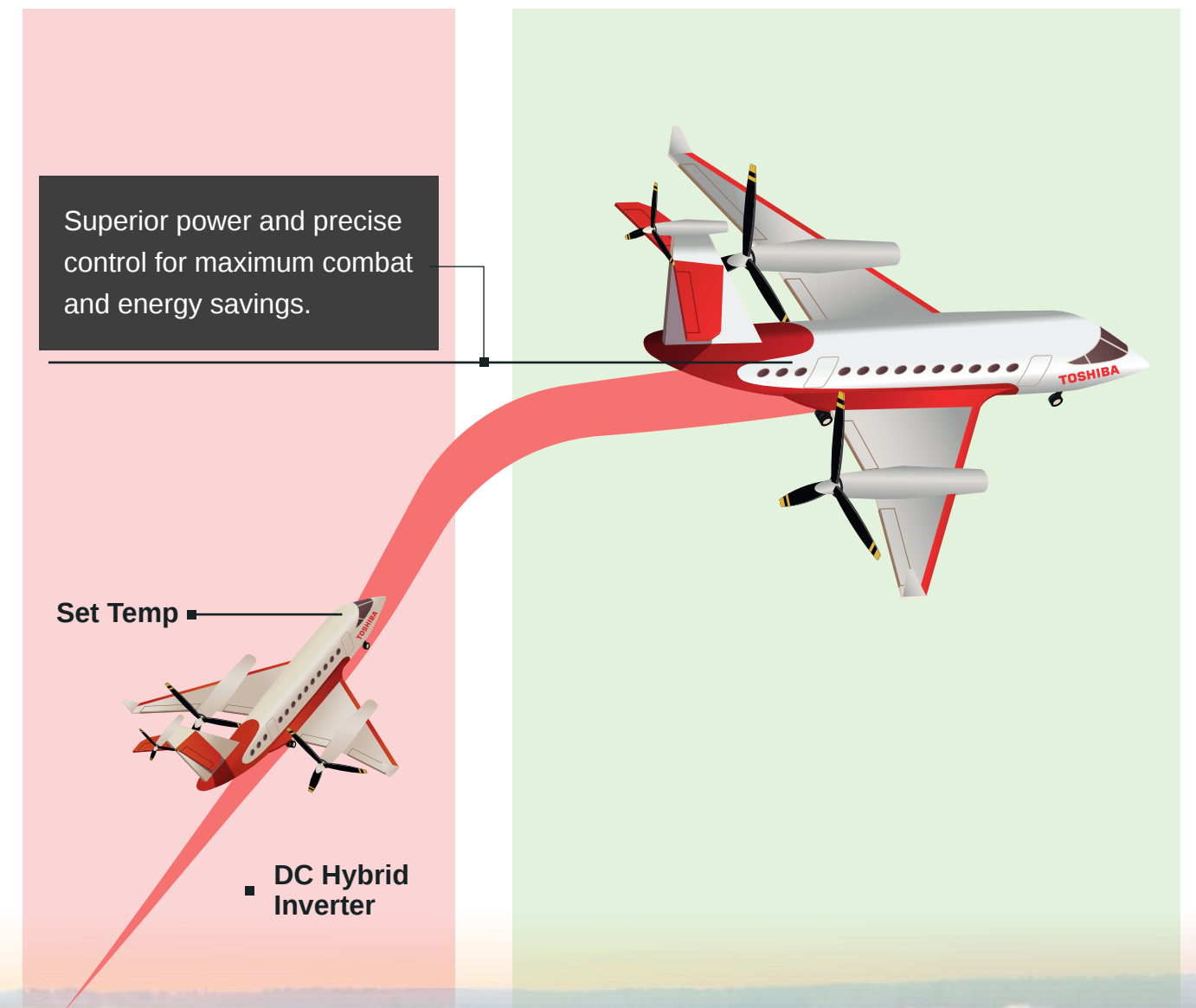


Energy Saving

Cool your rooms with less time and energy thanks to Toshiba's inverter technology. Now with Toshiba's DC Hybrid Inverter System, the Pulse Amplitude Modulation (PAM) sets the compressor at maximum power in order to reduce the time to reach the set point temperature. Once the set point is reached, the Pulse Width Modulation (PWM) lowers the variable speed of the compressor to precisely maintain room temperature, thereby using less energy.



← PAM → ← PWM →

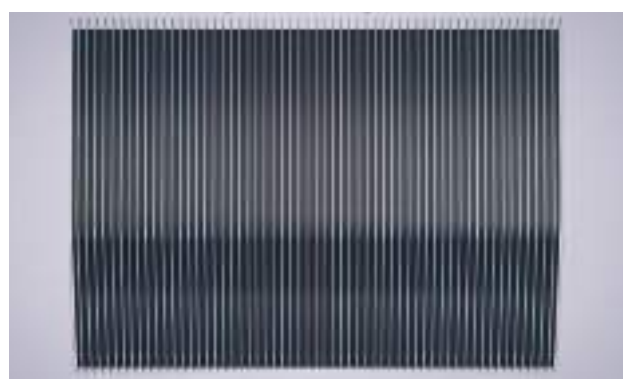
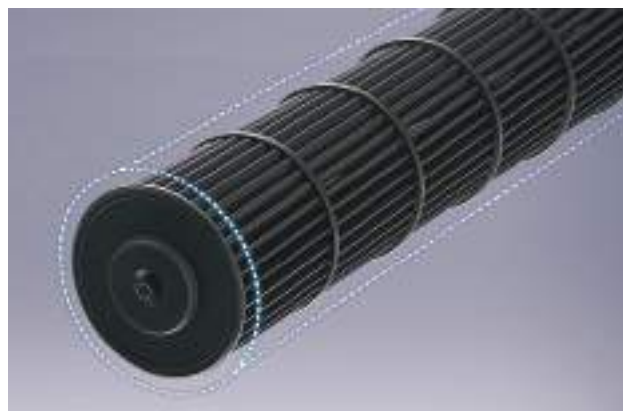


Quick Cooling

13%

bigger fans than standard air-conditioners

Enjoy quicker and quieter cooling with YouMe Pro's redesigned fan in its indoor unit. Now 13% bigger with special skewed blades, this increases airflow while reducing the sound level by up to 8% versus conventional blades.



Paired with a 30% larger heat exchanger thanks to an increased copper tube count in the coil, cold air can now enter your room more efficiently.

Warm rooms cool more quickly with the YouMe Pro's precise and adjustable 11-way louvres that guide the cold air to just where you want it—up to 14 meters at high fan speed.

Once the set point is reached, lower fan speeds quietly maintain your desired temperature while reducing energy consumption.

Dark Mode

For better sleep, adjust the brightness of your YouMe's halo light, or switch it off completely.



3 LED Light



1 Press and hold **FAN** for three seconds until **d0, d1, d2 or d3** is shown

2 Press **▲** or **▼** on **TEMP** to adjust brightness

Smart Control

Take control from the comfort of wherever you are with the new Toshiba Home AC Control app.

Personalize your comfort with our color-intuitive mode interface



Room Switching
Weekly Schedule

Power On/Off

Operation Mode

Temperature
Control

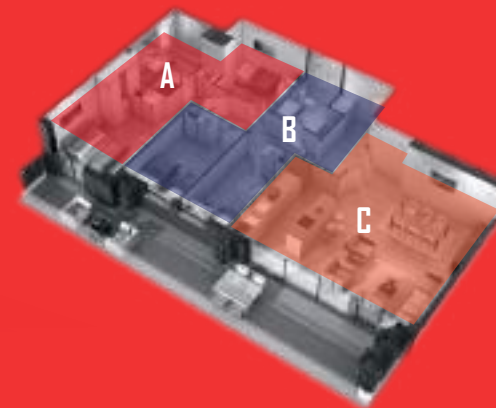
Smart Home Assistant Compatible

Fan Speed
Airflow



Grouping Control Function

Group and control multiple units at a time.



Child Lock

Manage the access for your peace of mind.

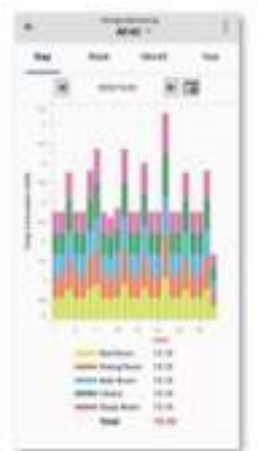


Multi-User Access

Share control with up to 5 users

What if you could monitor your energy consumption from anywhere?

Simply using the Toshiba Home AC Control application offers an Energy Monitoring function for tracking your AC performance. Capable of monitoring **16 units** at the same time. Perfect for estimating your monthly electric bill via a smartphone.



Set Up the App in 3 Simple Steps

01



Download the App from the App Store.

02

Register and log in.

03

Add the air-conditioner wireless adapter under:

Home page > Add air-conditioner OR Settings > Add AC (Adapter)

For more information on set-up and usage, please refer to the user manual that can be found with your YouMe Pro or in the app itself.

Enhanced Indoor Air Quality

PM1.0

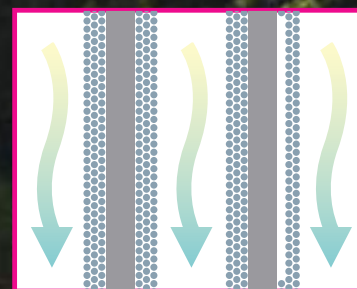
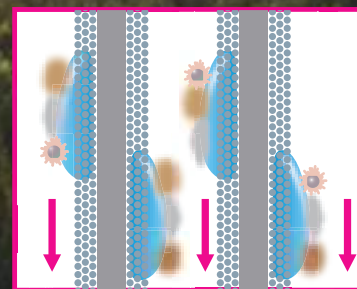
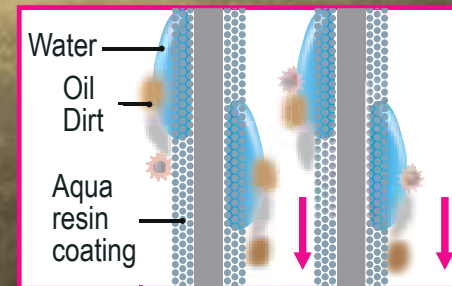
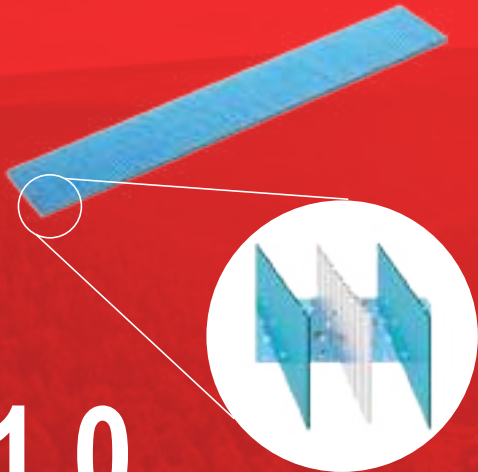
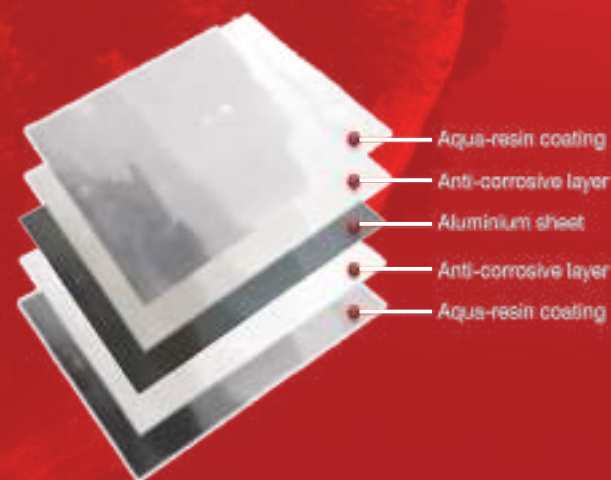
Purification

Now indoor air quality (IAQ) is more important than ever. Toshiba Ultra Pure filter creates clean and healthy living spaces at home by capturing up to 95% of PM1.0 (atmospheric particulate matters with diameters of less than 1.0 micrometers).

Easy-Care

Between maintenance intervals, YouMe Pro feature makes things easy for you so that that you can enjoy healthy air all year round.

Aqua Resin Coated Coil



Not only does YouMe Pro cool more efficiently, but it also keeps the air you breathe fresh and clean. That is why along with an active carbon filter, YouMe Pro uses a special aqua-coated aluminum fin heat exchanger, that helps keep dirt and debris from building up on your coils.

Self-cleaning FCU

As residual moisture is often a breeding ground for mould, the feature allows the blower inside the unit to continue running at a low speed for up to 20 minutes after the FCU is switched off, effectively drying the coils and keeping your air fresh and clean.

Normal Operation

Moisture stays trapped inside during operation.



COOL AIR-FLOW

Self-Cleaning Function

20 minutes of fan operation after shut down dries the moist air and helps reduce mold formation.



NATURAL AIR-FLOW

Easy Cleaning

YouMe Pro makes regular light cleaning effortless for any home owner. With a new, smooth grille and easy to remove vertical louvre, your YouMe Pro can be kept dust-free with just 3 simple steps.

01

Wipe the new, smooth grille with a damp sponge

02

Remove and rinse the pre-filter

03

Remove the vertical louvre to clean the cross-flow fan



Specifications

Outdoor Unit

Outdoor Model Number, RAS-		 2x 	 3x 
		System 2 (2-rooms, 2M21P2ACVG-SG)	System 3 (3-rooms, 3M31P2ACVG-SG)
Cooling capacity (min – max)	kW	2.00 - 6.00	2.50 - 7.50
Cooling capacity (rated)	kW	4.5	6.0
Power input	kW	0.87	1.20
Weighted COP / Tick rating	Tick	6.04 / 5	5.78 / 5
Sound pressure level	dB(A)	51	53
Operating range	°C	-10 ~ 46	-10 ~ 46
Dimension (HxWxD)	mm	630 × 800 × 300	630 × 800 × 300
Weight	kg	41	43
Compressor type		DC Single rotary	DC Twin Rotary
Flare connections (Gas)	mm	Ø9.52 × 2	Ø12.7 + Ø9.52 × 2
Flare connections (Liquid)	mm	Ø6.35 × 2	Ø6.35 × 3
Max piping length (per unit/total)	m	20/30	25/50
Max piping height difference	m	10	10
Power supply	V/Ph/Hz	220-230/1/50	220-230/1/50

Rated conditions:
Cooling; Indoor air temperature 27°C DB / 19°C WB, Outdoor air temperature 35°C DB.

Specifications

Outdoor Unit

Outdoor Model Number, RAS-		 4x 	 5x 
		System 4 (4-rooms, 4M41P2ACVG-SG)	System 5 (5-rooms, 5M51P2ACVG-SG)
Cooling capacity (min – max)	kW	3.00 - 8.90	3.70 - 11.50
Cooling capacity (rated)	kW	6.6	8.3
Power input	kW	1.20	1.66
Weight COP / Tick rating	Tick	6.10 / 5	5.81 / 5
Sound pressure level	dB(A)	54	55
Operating range	°C	-10 ~ 46	-10 ~ 46
Dimension (HxWxD)	mm	710 × 900 × 320	890 × 900 × 320
Weight	kg	57	64
Compressor type		DC Twin Rotary	DC Twin Rotary
Flare connections (Gas)	mm	Ø12.7 × 2 + Ø9.52 × 2	Ø12.7 × 2 + Ø9.52 × 3
Flare connections (Liquid)	mm	Ø6.35 × 4	Ø6.35 × 5
Max piping length (per unit/total)	m	20/60	25/80
Max piping height difference	m	15	15
Power supply	V/Ph/Hz	220-230/1/50	220-230/1/50

Rated conditions:
Cooling; Indoor air temperature 27°C DB / 19°C WB, Outdoor air temperature 35°C DB.

Specifications

Indoor Unit

Indoor Model Number, RAS-		M10P2KC VG-SG	M13P2KC VG-SG	M18P2KC VG-SG	M24P2KC VG-SG	M26P2KC VG-SG
Standard air flow (H)	m3/h - l/h	792 - 220	792 - 220	792 - 220	984 - 275	1,074- 300
Sound pressure level (L/H)	dB(A)	20/43	20/44	20/45	29/45	30/47
Dimensions (H x W x D)	mm	293 x 798 x 230	293 x 798 x 230	293 x 798 x 230	320 x 1,050 x 250	320 x 1,050 x 250
Weight	kg	10	10	10	14	14
Flare connections (Gas)	mm	Ø9.52	Ø9.52	Ø12.7	Ø12.7	Ø12.7
Flare connections (Liquid)	mm	Ø6.35	Ø6.35	Ø6.35	Ø6.35	Ø6.35

Rated conditions:
Cooling; Indoor air temperature 27°C DB / 19°C WB, Outdoor air temperature 35°C DB.



Specifications

2 Rooms

RAS-2M21P2ACVG-SG / 230V

Combination		Unit capacity (KW)		Cooling Capacity (kW)			Power input (W)			Operating Current (A)			COP
Unit-A	Unit-B	Unit-A	Unit-B	Min	Rated	Max	Min	Rated	Max	Min	Rated	Max	Rated
10	-	2.70	-	1.40	2.70	3.20	280	660	830	1.70	3.70	4.40	4.09
13	-	3.70	-	1.40	3.70	4.40	280	1,060	1,360	1.65	5.25	6.40	3.49
18	-	4.50	-	1.40	4.50	5.00	275	1,290	1,640	1.60	6.20	7.60	3.49
10	10	2.25	2.25	2.00	4.50	6.00	330	870	1,500	1.91	4.25	6.85	5.17
13	10	2.54	1.96	2.00	4.50	6.00	330	870	1,500	1.91	4.25	6.85	5.17
18	10	2.77	1.73	2.00	4.50	6.00	330	860	1,500	1.91	4.20	6.85	5.23
13	13	2.25	2.25	2.00	4.50	6.00	330	860	1,500	1.91	4.20	6.85	5.23
18	13	2.48	2.02	2.00	4.50	6.00	330	860	1,500	1.91	4.20	6.85	5.23
18	18	2.25	2.25	2.00	4.50	6.00	330	850	1,500	1.91	4.15	6.85	5.29

3 Rooms

RAS-3M31P2ACVG-SG / 230V

Combination			Unit capacity (KW)			Cooling Capacity (kW)			Power input (W)			Operating Current (A)			COP
Unit-A	Unit-B	Unit-C	Unit-A	Unit-B	Unit-C	Min	Rated	Max	Min	Rated	Max	Min	Rated	Max	Rated
10	-	-	2.70	-	-	1.40	2.70	3.20	270	640	810	1.60	3.50	4.20	4.22
13	-	-	3.70	-	-	1.40	3.70	4.40	270	1,040	1,340	1.55	5.05	6.20	3.56
18	-	-	4.50	-	-	1.50	4.50	5.00	265	1,270	1,620	1.50	6.00	7.40	3.54
10	10	10	2.00	2.00	2.00	2.50	6.00	7.50	400	1,200	1,900	2.20	5.50	8.60	5.00
13	10	10	2.36	1.82	1.82	2.50	6.00	7.50	400	1,200	1,900	2.20	5.50	8.60	5.00
18	10	10	2.67	1.67	1.67	2.50	6.00	7.50	400	1,190	1,900	2.20	5.45	8.60	5.04
13	13	10	2.17	2.17	1.67	2.50	6.00	7.50	400	1,190	1,900	2.20	5.45	8.60	5.04
18	13	10	2.46	2.00	1.54	2.50	6.00	7.50	400	1,190	1,900	2.20	5.45	8.60	5.04
13	13	13	2.00	2.00	2.00	2.50	6.00	7.50	400	1,190	1,900	2.20	5.45	8.60	5.04

Specifications

4 Rooms

RAS-4M41P2ACVG-SG / 230V

Combination				Unit capacity (KW)				Cooling Capacity (kW)			Power input (W)			Operating Current (A)			COP
Unit A	Unit B	Unit C	Unit D	Unit A	Unit B	Unit C	Unit D	Min	Rated	Max	Min	Rated	Max	Min	Rated	Max	Rated
10	-	-	-	2.70	-	-	-	1.40	2.70	3.20	350	750	850	2.40	4.30	4.40	3.60
13	-	-	-	3.70	-	-	-	1.40	3.70	4.40	350	940	1,200	2.40	4.90	5.70	3.94
18	-	-	-	4.50	-	-	-	1.40	4.50	5.00	350	1,240	1,435	2.40	5.90	6.80	3.63
24	-	-	-	6.00	-	-	-	2.40	6.00	6.80	475	1,650	2,050	2.50	7.55	9.35	3.64
26	-	-	-	6.60	-	-	-	2.40	6.60	7.00	485	1,880	2,050	2.45	8.55	9.35	3.51
10	10	10	10	1.65	1.65	1.65	1.65	3.00	6.60	8.90	490	1,200	2,500	3.61	6.30	11.70	5.50
13	10	10	10	2.00	1.53	1.53	1.53	3.00	6.60	8.90	490	1,200	2,500	3.61	6.30	11.70	5.50
18	10	10	10	2.30	1.43	1.43	1.43	3.00	6.60	8.90	490	1,190	2,500	3.61	6.25	11.70	5.55
24	10	10	10	2.79	1.27	1.27	1.27	3.00	6.60	8.90	490	1,180	2,500	3.61	6.20	11.70	5.59
26	10	10	10	2.93	1.22	1.22	1.22	3.00	6.60	8.90	490	1,180	2,500	3.61	6.20	11.70	5.59
13	13	10	10	1.87	1.87	1.43	1.43	3.00	6.60	8.90	490	1,190	2,500	3.61	6.25	11.70	5.55
18	13	10	10	2.16	1.75	1.35	1.35	3.00	6.60	8.90	490	1,190	2,500	3.61	6.25	11.70	5.55
24	13	10	10	2.64	1.56	1.20	1.20	3.00	6.60	8.90	490	1,170	2,500	3.61	6.15	11.70	5.64
26	13	10	10	2.78	1.51	1.16	1.16	3.00	6.60	8.90	490	1,170	2,500	3.61	6.15	11.70	5.64
13	13	13	10	1.75	1.75	1.75	1.35	3.00	6.60	8.90	490	1,190	2,500	3.61	6.25	11.70	5.55
18	13	13	10	2.03	1.65	1.65	1.27	3.00	6.60	8.90	490	1,180	2,500	3.61	6.20	11.70	5.59
24	13	13	10	2.50	1.48	1.48	1.14	3.00	6.60	8.90	490	1,170	2,500	3.61	6.15	11.70	5.64
26	13	13	10	2.64	1.43	1.43	1.10	3.00	6.60	8.90	490	1,160	2,500	3.61	6.10	11.70	5.69
13	13	13	13	1.65	1.65	1.65	1.65	3.00	6.60	8.90	490	1,180	2,500	3.61	6.20	11.70	5.59
18	13	13	13	1.92	1.56	1.56	1.56	3.00	6.60	8.90	490	1,170	2,500	3.61	6.15	11.70	5.64
24	13	13	13	2.38	1.41	1.41	1.41	3.00	6.60	8.90	490	1,160	2,500	3.61	6.10	11.70	5.69
26	13	13	13	2.51	1.36	1.36	1.36	3.00	6.60	8.90	490	1,160	2,500	3.61	6.10	11.70	5.69
18	18	10	10	2.03	2.03	1.27	1.27	3.00	6.60	8.90	490	1,180	2,500	3.61	6.20	11.70	5.59
18	18	13	13	1.82	1.82	1.48	1.48	3.00	6.60	8.90	490	1,170	2,500	3.61	6.15	11.70	5.64
18	18	18	10	1.82	1.82	1.82	1.14	3.00	6.60	8.90	490	1,170	2,500	3.61	6.15	11.70	5.64
24	18	13	10	2.38	1.73	1.41	1.08	3.00	6.60	8.90	490	1,160	2,500	3.61	6.10	11.70	5.69
26	18	10	10	2.64	1.76	1.10	1.10	3.00	6.60	8.90	490	1,160	2,500	3.61	6.10	11.70	5.69

Specifications

5 Rooms

RAS-5M51P2ACVG-SG / 230V

Combination					Unit capacity (KW)					Cooling Capacity (kW)			Power input (W)			Operating Current (A)			COP
Unit A	Unit B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E	Min	Rated	Max	Min	Rated	Max	Min	Rated	Max	Rated
10	-	-	-	-	2.70	-	-	-	-	1.40	2.70	3.20	650	750	830	3.90	4.05	4.25	3.60
13	-	-	-	-	3.70	-	-	-	-	1.40	3.70	4.40	650	1,220	1,520	3.95	5.90	7.00	3.03
18	-	-	-	-	4.50	-	-	-	-	1.40	4.50	5.00	650	1,520	1,715	3.75	7.20	7.85	2.96
24	-	-	-	-	6.00	-	-	-	-	2.40	6.00	6.80	660	2,050	2,540	3.70	9.50	11.50	2.93
26	-	-	-	-	7.10	-	-	-	-	2.40	7.10	7.20	660	2,420	2,515	3.70	11.05	11.35	2.93
10	10	10	10	10	1.66	1.66	1.66	1.66	1.66	3.70	8.30	11.50	640	1,660	3,200	4.15	7.60	14.50	5.00
13	10	10	10	10	2.04	1.57	1.57	1.57	1.57	3.70	8.30	11.50	640	1,660	3,200	4.15	7.60	14.50	5.00
18	10	10	10	10	2.37	1.48	1.48	1.48	1.48	3.70	8.30	11.50	640	1,650	3,200	4.15	7.55	14.50	5.03
24	10	10	10	10	2.95	1.34	1.34	1.34	1.34	3.70	8.30	11.50	640	1,640	3,200	4.15	7.50	14.50	5.06
26	10	10	10	10	3.11	1.30	1.30	1.30	1.30	3.70	8.30	11.50	640	1,640	3,200	4.15	7.50	14.50	5.06
13	13	10	10	10	1.93	1.93	1.48	1.48	1.48	3.70	8.30	11.50	640	1,650	3,200	4.15	7.55	14.50	5.03
18	13	10	10	10	2.25	1.83	1.41	1.41	1.41	3.70	8.30	11.50	640	1,650	3,200	4.15	7.55	14.50	5.03
24	13	10	10	10	2.81	1.66	1.28	1.28	1.28	3.70	8.30	11.50	640	1,630	3,200	4.15	7.45	14.50	5.09
26	13	10	10	10	2.97	1.61	1.24	1.24	1.24	3.70	8.30	11.50	640	1,630	3,200	4.15	7.45	14.50	5.09
13	13	13	10	10	1.83	1.83	1.83	1.41	1.41	3.70	8.30	11.50	640	1,650	3,200	4.15	7.55	14.50	5.03
18	13	13	10	10	2.14	1.74	1.74	1.34	1.34	3.70	8.30	11.50	640	1,640	3,200	4.15	7.50	14.50	5.06
24	13	13	10	10	2.69	1.59	1.59	1.22	1.22	3.70	8.30	11.50	640	1,630	3,200	4.15	7.45	14.50	5.09
26	13	13	10	10	2.85	1.54	1.54	1.19	1.19	3.70	8.30	11.50	640	1,620	3,200	4.15	7.40	14.50	5.12
13	13	13	13	10	1.66	1.66	1.66	1.66	1.66	3.70	8.30	11.50	640	1,630	3,200	4.15	7.45	14.50	5.09
18	13	13	13	10	1.95	1.59	1.59	1.59	1.59	3.70	8.30	11.50	640	1,630	3,200	4.15	7.45	14.50	5.09
24	13	13	13	10	2.47	1.46	1.46	1.46	1.46	3.70	8.30	11.50	640	1,620	3,200	4.15	7.40	14.50	5.12
26	13	13	13	10	2.62	1.42	1.42	1.42	1.42	3.70	8.30	11.50	640	1,610	3,200	4.15	7.35	14.50	5.16
13	13	13	13	13	1.66	1.66	1.66	1.66	1.66	3.70	8.30	11.50	640	1,630	3,200	4.15	7.45	14.50	5.09
18	13	13	13	13	1.95	1.59	1.59	1.59	1.59	3.70	8.30	11.50	640	1,630	3,200	4.15	7.45	14.50	5.09
18	18	13	13	13	1.87	1.87	1.52	1.52	1.52	3.70	8.30	11.50	640	1,620	3,200	4.15	7.40	14.50	5.12
18	18	18	10	10	1.95	1.95	1.95	1.22	1.22	3.70	8.30	11.50	640	1,630	3,200	4.15	7.45	14.50	5.09
24	18	13	10	10	2.57	1.87	1.52	1.17	1.17	3.70	8.30	11.50	640	1,620	3,200	4.15	7.40	14.50	5.12
26	18	10	10	10	2.85	1.90	1.19	1.19	1.19	3.70	8.30	11.50	640	1,620	3,200	4.15	7.40	14.50	5.12

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