

TOSHIBA

AIR CONDITIONING



SEIYA

Experience
the sound
of silence

> SEIYA SILENCE IS GOLDEN

SEIYA is a cost-effective quiet solution that uses the new Toshiba Inverter and compressor technology with R32 refrigerant to offer a powerful and efficient heating and cooling performance and year-round comfort.



Everyday Comfort

SEIYA has been designed with maximum comfort in mind. It offers exclusive features and high performance making everyday comfort a reality for all.

Give yourself a superior treatment

SEIYA's performance/price ratio makes it an exceptional product in the market. The entire range boasts AEER cooling and ACOP heating performance, which means optimal comfort with low energy consumption.

The sound of silence

Toshiba is constantly innovating towards air conditioning excellence. To reduce noise and improve comfort, SEIYA's noise reduction function reduces the sound level of the outdoor unit significantly, while its Quiet function reduces noise from the indoor unit to give you a good night's sleep.



> TREAT YOURSELF TO JAPANESE QUALITY

Design and reliability

Innovation, efficiency, high reliability, energy savings - these powerful values are at the heart of everything we do at Toshiba. For over 50 years, Toshiba has been providing its clients with the precision and expertise of Japanese quality.



Toshiba's innovative inverter technology

Toshiba's innovative rotary compressor technology combines exemplary performance with outstanding reliability. Minimising fluctuations to ensure a constant temperature, it increases efficiency while significantly reducing the risk of incidental noise.

Toshiba's Inverter Technology allows the SEIYA to regulate heating and cooling capacity at all times, by adjusting the compressor speed.





> Quiet OUTSIDE



Unique noise reduction function

The SEIYA unique Silent operation mode allows the user to reduce the outdoor noise level to minimise disruption to the neighbourhood. From a touch of the remote control, this mode will reduce the sound pressure level of the outdoor unit, prioritizing minimum outdoor sound level, fast cooling and heating capacity demand.



> Quiet INSIDE



Quite mode can be activated by pressing the fan button to reduce the fan speed and the sound level of the indoor unit.






MAKE YOUR AIR CONDITIONER SMART

Enhance your comfort at home or away

Customise your comfort, finding the perfect cooling or heating level for your family at any time, no matter where you are. When at home, simply replace your infrared remote control with the intuitive smart app. This also gives you easy access to your air conditioner while you are on the move, allowing you to adapt your comfort to your lifestyle!

Want to go home and immediately enjoy an ideal temperature?

Simply use the app to check the status, quickly and easily, adjust your comfort, no matter where you are!

-  Frost protection mode
-  Fireplace mode
-  Boost mode
-  Reduce the outdoor unit noise level
-  Wi-Fi Ready - Module available separately.



BETTER AIR SOLUTIONS FOR BETTER WORLD

Created by TOSHIBA - INVERTER TECHNOLOGY

AEER up to 4.04 RAS-10	AEER up to 4.28 RAS-13
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10 sizes covering (Seiya Classic only)
2.0 to 10 kW (Cooling)
2.5 to 11.5 kW (Heating)

 Self-cleaning



At Toshiba, we've always made sure our projects and objectives are designed with a better future in mind. Now, more than ever, attitudes are changing as technology continues to revolutionise our world. We don't simply follow or adapt to them; we predict them.

That's why the new generation of Toshiba air conditioners uses R32 refrigerant with low global warming potential.





WIRELESS SOLUTION FOR WELL-BEING ON DEMAND

TOSHIBA
AIR CONDITIONING

Designed to maximize your comfort, Toshiba offers remote functions that make everyday life simpler.

Seiya Controller




Temperature Control

5-Selectable Fan Speed plus Auto

Power Selector
Select between 50/75/100% for maximum power savings.

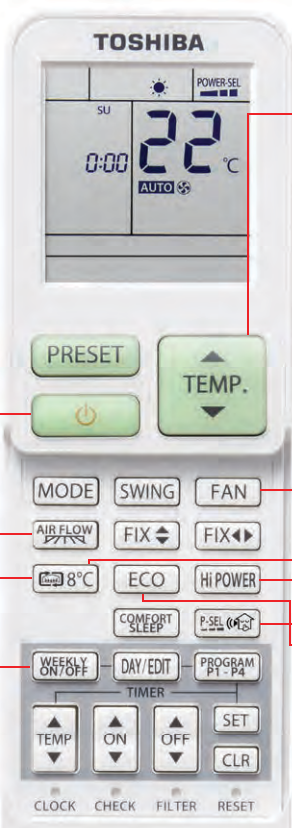
Daily Timer

Wire Connectable Controller
The infrared controller can also be hard-wired.



Seiya Classic Controller (Back lit)

(RAS30-36E2KVF-A)



3D Airflow
Improved comforts by distributing powerful and stable air volume in 6 unique airflow patterns*
*only for RAS 22-RAS36 models

ON / OFF

8°C Heating
Indoor temperature kept at 8°C, but temperature can set between 5 and 13°C.

Weekly Timer
Toshiba remote control provides a very convenient automatic on and off operation, programmable up to 4 different settings/day and 7 different programs in a week.

Temperature Control

5-Selectable Fan Speed plus Auto


Fire Place
Ensures the unit operates in fan mode to help move the heat generated by the fire place.

Silent Operation
Toshiba's unique noise reduction function of outdoor unit for your neighbourhood comfort.

Power Selector
Select between 50/75/100% for maximum power savings.

ECO
Achieve energy-savings of up to 25% compared with standard settings with no compromise on comfort.

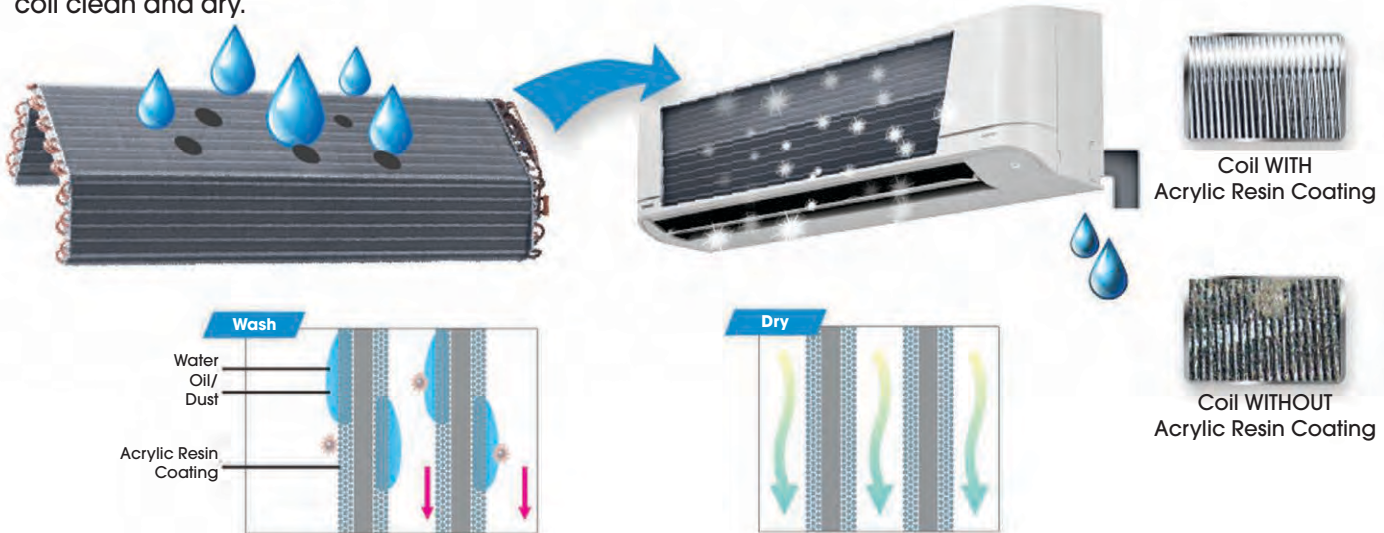
Wire Connectable Controller
The infrared controller can also be hard-wired.



MAGIC COIL® ACRYLIC RESIN COATED

Healthy
fresh air for longer

SEIYA is equipped with an acrylic resin coated coil, which helps to prevent water and dust from sticking to the coil. When the air conditioning is switched off to drain the contaminated coil, the fan continues to operate to keep the coil clean and dry.



EFFICIENT 3D AIRFLOW 6 AIRFLOW PATTERNS*

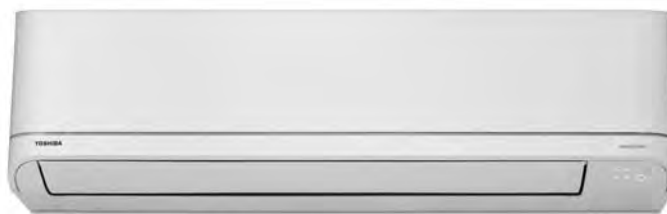
*For Seiya Classic RAS22-RAS36 models only

Improved comfort by distributing powerful and stable air volume in 6 unique airflow patterns. The indoor unit provides further airflow and stable air volume in 6 unique patterns to ensure optimum comfort levels. Independent louvers improve comfort with a selection of powerful airflow shower settings to evenly distribute the airflow, maintaining a consistent and comfortable temperature.



SEIYA

Performance Data



Indoor			RAS-07E2KV2G-A	RAS-10E2KV2G-A	RAS-13E2KV2G-A	RAS-16E2KV2G-A	RAS-18E2KV2G-A	RAS-22E2KV2G-A	RAS-24E2KV2G-A
Outdoor			RAS-07E2AVG-A	RAS-10E2AVG-A	RAS-13E2AVG-A	RAS-16E2AVG-A	RAS-18E2AVG-A	RAS-22E2AVG-A	RAS-24E2AVG-A
Cooling Capacity - Rated	CO	kW	2.00	2.50	3.50	4.20	5.00	6.00	7.10
Cooling Capacity - Range	CO	kW	0.80 - 2.70	1.05 - 3.60	1.10 - 4.20	1.30 - 5.00	1.50 - 5.70	1.50 - 6.60	1.90 - 7.80
Power input [rated (min - max)]	CO	kW	0.53 (0.22-0.82)	0.60 (0.23 - 1.15)	0.90 (0.26 - 1.18)	1.30 (0.32 - 1.90)	1.50 (0.35 - 1.95)	1.90 (0.36 - 2.00)	2.25 (0.40 - 2.60)
Operating current [rated (min - max)]	CO	A	2.7 (1.19 - 3.95)	3.00 (1.26 - 5.50)	4.40 (1.38 - 5.65)	6.55 (1.91 - 9.10)	7.30 (2.07 - 9.35)	9.10 (2.08 - 9.55)	10.4 (2.29 - 12.05)
AEER	CO		3.74	4.04	3.94	3.24	3.26	3.16	3.08
Heating Capacity - Rated	RC	kW	2.50	3.20	4.00	5.40	5.60	6.90	8.00
Heating Capacity - Range	RC	kW	0.90 - 3.30	1.00 - 4.80	1.15 - 5.60	1.30 - 6.00	1.40 - 6.10	1.60 - 7.80	1.70 - 8.80
Power input [rated (min - max)]	RC	kW	0.64 (0.20 - 1.15)	0.75 (0.20 - 1.40)	0.90 (0.23 - 1.50)	1.43 (0.25 - 1.80)	1.60 (0.25 - 1.90)	1.90 (0.26 - 2.10)	2.40 (0.32 - 2.60)
Operating current [rated (min - max)]	RC	A	3.25 (1.07 - 5.50)	3.70 (1.08 - 6.60)	4.35 (1.20 - 6.95)	7.05 (1.50 - 8.70)	7.75 (1.48 - 9.20)	9.10 (1.53 - 9.95)	11.10 (1.85 - 12.05)
ACOP	RC		3.92	4.14	4.28	3.53	3.47	3.65	3.32
Indoor Unit									
Airflow Volume (High/Mid/Low)	CO	m ³ /hr	520/370/230	710/480/280	750/540/410	790/540/330	790/630/480	980/790/620	1150/850/730
Mositure removal		l/hr	0.80	1.30	1.80	2.80	3.20	3.50	4.00
Dimension (WxLxH)		mm	293 x 798 x 230	293 x 798 x 230	293 x 798 x 230	293 x 798 x 230	293 x 798 x 230	320 x 1050 x 250	320 x 1050 x 250
Net Weight		kg	9	9	10	10	10	14	14
Sound Power at Cooling Operation (high)	CO	dB	57	57	60	62	63	61	64
Outdoor Unit									
Dimension (WxLxH)		mm	240 x 660 x 530	290 x 780 x 550	290 x 780 x 550	290 x 780 x 550	290 x 780 x 550	290 x 780 x 550	300 x 800 x 630
Net Weight		kg	22	26	30	30	34	34	41
Cooling Operating range (Outside)	CO	°C	-10 ~ 46	-10 ~ 46	-10 ~ 46	-10 ~ 46	-10 ~ 46	-10 ~ 46	-10 ~ 46
Heating Operating range	RC	°C	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24
Sound Power at Cooling Operation (high)	CO	dB	63	64	65	67	69	69	71
Pipe Size									
Liquid Side		(mm)	6.35	6.35	6.35	6.35	6.35	6.35	6.35
Gas Side		(mm)	9.52	9.52	9.52	12.7	12.7	12.7	12.7
Maximum Piping Length		(m)	15	20	20	20	20	20	25
Maximum Piping Height difference		(m)	12	12	12	12	12	12	12
Chargeless Length		(m)	15	15	15	15	15	15	15
Compressor type			Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Power Supply	V/ph/Hz		220-240V/1Ph/50Hz	220-240V/1Ph/50Hz	220-240V/1Ph/50Hz	220-240V/1Ph/50Hz	220-240V/1Ph/50Hz	220-240V/1Ph/50Hz	220-240V/1Ph/50Hz

SEIYA CLASSIC



Performance Data Continued





Indoor			RAS-30E2KVG-A	RAS-34E2KVG-A	RAS-36E2KVG-A
Outdoor			RAS-30E2AVG-A	RAS-34E2AVG-A	RAS-36E2AVG-A
Cooling Capacity - Rated	CO	kW	8.00	9.00	10.00
Cooling Capacity - Range	CO	kW	2.50 - 9.00	2.80 - 10.50	3.00 - 11.50
Power input [rated (min - max)]	CO	kW	2.40 (0.55 - 3.00)	2.70 (0.58 - 3.50)	3.20 (0.70 - 4.10)
Operating current [rated (min - max)]	CO	A	11.70 (3.40 - 14.30)	13.10 (3.55 - 16.55)	15.05 (4.20 - 19.20)
AEER	CO		3.43	3.39	3.19
Heating Capacity - Rated	RC	kW	9.00	10.00	11.50
Heating Capacity - Range	RC	kW	2.50 - 10.00	2.60 - 11.50	3.00 - 13.00
Power input [rated (min - max)]	RC	kW	2.55 (0.48 - 3.20)	2.80 (0.45 - 3.50)	3.40 (0.55 - 4.00)
Operating current [rated (min - max)]	RC	A	12.35 (3.00 - 15.20)	13.45 (2.75 - 16.45)	16.05 (3.30 - 18.70)
ACOP	RC		3.53	3.57	3.40
Indoor Unit					
Airflow Volume (High/Mid/Low)	CO	m ³ /hr	1300/1000/680	1650/1280/950	1730/1320/990
Moisture removal		l/hr	4.40	4.60	4.80
Dimension (WxLxH)		mm	320 x 1050 x 250	350 x 1200 x 280	350 x 1200 x 280
Net Weight		kg	16	19	19
Sound Power at Cooling Operation (high)	CO	dB	63	64	65
Outdoor Unit					
Dimension (WxLxH)		mm	320 x 900 x 890	320 x 900 x 890	320 x 900 x 890
Net Weight		kg	66	66	68
Cooling Operating range (Outside)	CO	°C	-10 ~ 46	-10 ~ 46	-10 ~ 46
Heating Operating range	RC	°C	-15 ~ 24	-15 ~ 24	-15 ~ 24
Sound Power at Cooling Operation (high)	CO	dB	68	69	70
Pipe Size					
Liquid Side		(mm)	9.52	9.52	9.52
Gas Side		(mm)	15.9	15.9	15.9
Maximum Piping Length		(m)	40	40	40
Maximum Piping Height difference		(m)	20	20	20
Chargeless Length		(m)	15	15	15
Compressor type			Twin Rotary	Twin Rotary	Twin Rotary
Power Supply		V/ph/Hz	220-240V/1Ph/50Hz	220-240V/1Ph/50Hz	220-240V/1Ph/50Hz

SEIYA-R32 Star Rating



Ideal for the Study or Home Office

INDOOR MODEL	OUTDOOR MODEL	SIZING	ZONE	COOLING STARS	HEATING STARS
RAS-07E2KV2G-A 	RAS-07E2AVG-A 	9-12M ²	HOT	2.5 ★★★★★	2.5 ★★★★★
			AVG.	2.5 ★★★★★	2.0 ★★★★★
			COLD	2.5 ★★★★★	1.5 ★★★★★



Ideal for Kids or Guest Room

INDOOR MODEL	OUTDOOR MODEL	SIZING	ZONE	COOLING STARS	HEATING STARS
RAS-10E2KV2G-A 	RAS-10E2AVG-A 	9-17M ²	HOT	3.5 ★★★★★	3.0 ★★★★★
			AVG.	3.0 ★★★★★	2.5 ★★★★★
			COLD	3.5 ★★★★★	2.0 ★★★★★



Ideal for Master Suite

INDOOR MODEL	OUTDOOR MODEL	SIZING	ZONE	COOLING STARS	HEATING STARS
RAS-13E2KV2G-A 	RAS-13E2AVG-A 	15-25M ²	HOT	3.5 ★★★★★	3.0 ★★★★★
			AVG.	3.0 ★★★★★	3.0 ★★★★★
			COLD	3.5 ★★★★★	2.0 ★★★★★



Ideal for Master Suite / Formal Dining

INDOOR MODEL	OUTDOOR MODEL	SIZING	ZONE	COOLING STARS	HEATING STARS
RAS-16E2KV2G-A 	RAS-16E2AVG-A 	18-28M ²	HOT	3.0 ★★★★★	3.0 ★★★★★
			AVG.	2.5 ★★★★★	2.5 ★★★★★
			COLD	3.0 ★★★★★	1.5 ★★★★★



Ideal for Sitting Room / Home Theatre

INDOOR MODEL	OUTDOOR MODEL	SIZING	ZONE	COOLING STARS	HEATING STARS
RAS-18E2KV2G-A 	RAS-18E2AVG-A 	25-35M ²	HOT	3.0 ★★★★★	3.5 ★★★★★
			AVG.	2.5 ★★★★★	2.0 ★★★★★
			COLD	3.0 ★★★★★	1.5 ★★★★★

Ideal for Dining and Formal Entertaining Room

INDOOR MODEL	OUTDOOR MODEL	SIZING	ZONE	COOLING STARS	HEATING STARS
RAS-22E2KV2G-A 	RAS-22E2AVG-A 	30-40M ²	HOT	3.0 ★★★★★	3.5 ★★★★★
			AVG.	2.5 ★★★★★	2.5 ★★★★★
			COLD	3.0 ★★★★★	1.5 ★★★★★



Ideal for Dining and Formal Lounge



INDOOR MODEL	OUTDOOR MODEL	SIZING	ZONE	COOLING STARS	HEATING STARS
RAS-24E2KV2G-A 	RAS-24E2AVG-A 	35-48M ²	HOT	3.0 ★★★★★	3.5 ★★★★★
			AVG.	2.5 ★★★★★	2.0 ★★★★★
			COLD	3.0 ★★★★★	1.5 ★★★★★



Sizing table is strictly a guide only, it is recommended to contact a qualified Toshiba Dealer to correctly assess your individual needs.

The sizing guide assumes an average house with insulated walls and ceiling height of 2.4m with an average North or West facing installation

SEIYA CLASSIC-R32 Star Rating

Multi Purpose Large Space / Open Plan Living					
INDOOR MODEL	OUTDOOR MODEL	SIZING	ZONE	COOLING STARS	HEATING STARS
 RAS-30E2KVG-A	 RAS-30E2AVG-A	48-60M ²	HOT	3.0 ★★★★★	3.0 ★★★★★
			AVG.	2.5 ★★★★★	2.5 ★★★★★
			COLD	3.0 ★★★★★	2.0 ★★★★★

Multi Purpose Large Space / Open Plan Living					
INDOOR MODEL	OUTDOOR MODEL	SIZING	ZONE	COOLING STARS	HEATING STARS
 RAS-34E2KVG-A	 RAS-34E2AVG-A	50-70M ²	HOT	3.0 ★★★★★	3.0 ★★★★★
			AVG.	2.5 ★★★★★	2.5 ★★★★★
			COLD	3.0 ★★★★★	2.0 ★★★★★

Multi Purpose Large Space / Open Plan Living					
INDOOR MODEL	OUTDOOR MODEL	SIZING	ZONE	COOLING STARS	HEATING STARS
 RAS-36E2KVG-A	 RAS-36E2AVG-A	55-75M ²	HOT	3.0 ★★★★★	2.5 ★★★★★
			AVG.	2.5 ★★★★★	2.0 ★★★★★
			COLD	3.0 ★★★★★	1.5 ★★★★★

Sizing table is strictly a guide only, it is recommended to contact a qualified Toshiba Dealer to correctly assess your individual needs.
The sizing guide assumes an average house with insulated walls and ceiling height of 2.4m with an average North or West facing installation



SEIYA and SEIYA CLASSIC

AHIC is committed to continuously work with Toshiba in improving its products to ensure the highest quality and reliability standards, and to meet local regulations and market requirements.

Product specification in this Brochure are only indicative and are subject to change. These are not intended to be used in place of the engineering or installation databook / manual. All specification and features are subject to change without prior notice. All images provided in this catalogue are used for illustration purpose only.

Cooling and heating Capacities mentioned for products are nominal capacities at standard operating conditions.

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Date: July 2021

Equipment rates in accordance with GEMS 2019 Determination



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TOSHIBA

AIR CONDITIONING