

## COMPACT ENTRY-LEVEL MODEL

# Seiya



### Highlights

- Modern compact inverter
- A++ in cooling mode
- Infrared remote control included – WiFi ready



The SEIYA entry-level model offers all the efficiency advantages of inverter technology combined with a rotary compressor. Set consists of an outdoor and indoor unit, using refrigerant R32.



### Attractive & economical

- Excellent energy efficiency (A+ to A++)
- Direct current hybrid inverter technology
- Rotary compressor in sizes 07 to 18
- Twin-rotary compressor in size 24
- Exceptionally high efficiency in the partial load range
- Colored, dimmable LED displays



### Resource-friendly & quiet

- Minimal electricity consumption due to inverter control
- Eco operating mode
- Low GWP refrigerant R32
- Air used as energy source during heating operation
- Compact outdoor and indoor units
- "Quiet" whisper mode for indoor units
- "Silent" whisper mode for outdoor units



### Clean ambient air

- Washable dust filter that covers the entire heat exchanger
- "Dustless coil" coating of the heat exchanger fins
- Self-cleaning function dries the heat exchanger after operation
- Optional active carbon-catechin filter strips (art.818F0023)



### Easy operation

- Infrared remote control included
- WiFi ready
- Optional app control via smartphone or tablet
- OFF timer
- Automatic mode
- Hi Power
- Quiet and silent modes
- Louver swing & fix
- Automatic restart after power blackout
- Cooling-only & heating-only settings
- Defrosting on demand



### WiFi special features

- All indoor units & groups on/off control
- All indoor units & groups weekly timer
- All indoor units & groups setting
- Indoor temperature display
- Outdoor temperature display
- Quiet function for indoor unit
- Power select
- Child lock
- On/off timer
- 8°C function
- ECO operating mode
- Silence function for outdoor unit
- Fireplace operating mode
- Hi Power operating mode

## Seiya / SET

Indoor unit	RAS-24J2KVG-E		
Outdoor unit	RAS-24J2AVG-E		
Cooling capacity	kW	❄️	6,50
Cooling range (min.-max.)	kW	❄️	1,60 - 7,20
Power consumption (min./nom./max.)	kW	❄️	0,32/2,25/2,60
Pdesign c	kW		6,50
Energy efficiency EER	W/W	❄️	2,89
Energy efficiency SEER		❄️	6,10
Energy efficiency class		❄️	A++
Annual electricity consumption	kWh/a	❄️	373
Outdoor temperature operating range (min.-max.)	°C	❄️	-15/+46
Heating capacity	kW	🔥	7,00
Heating range (min.-max.)	kW	🔥	1,60 - 8,10
Power consumption (min./nom./max.)	kW	🔥	0,29/2,10/2,55
Pdesign h	kW		5,40
Energy efficiency COP	W/W	🔥	3,33
Energy efficiency SCOP		🔥	4,00
Energy efficiency class		🔥	A+
Annual electricity consumption	kWh/a	🔥	1890
Outdoor temperature operating range (min.-max.)	°C	🔥	-15/+24

Indoor unit	RAS-24J2KVG-E		
Sound pressure level (low/med/high)	dB(A)	❄️	31/42/48
Sound pressure level (low/med/high)	dB(A)	🔥	31/39/43
Sound power level	dB(A)	❄️	63
Sound power level	dB(A)	🔥	68
Airflow	m <sup>3</sup> /h		666 - 1074
Condensate pipe diameter	mm		VP13
Dimensions (HxWxD)	mm		320 x 1050 x 250
Weight	kg		14

❄️ Cooling 🔥 Heating

## Seiya / SET

Outdoor unit			RAS-24J2AVG-E
Power supply	V/Ph+N/Hz		220-240/1/50
Recommended fusing	A		16
Current consumption (max.)	A		12,0
Sound pressure level (low/med/high)	dB(A)	❄️	55
Sound pressure level (low/med/high)	dB(A)	☀️	55
Sound power level	dB(A)	❄️	70
Sound power level	dB(A)	☀️	70
Suction gas pipe diameter	mm (inch)		12,7 (1/2)
Liquid pipe diameter	mm (inch)		6,3 (1/4)
Pipe length (min.)	m		2
Pipe length (max.)	m		20
Height difference (max.)	m		12
Airflow	m <sup>3</sup> /h		2220
Compressor type			Twin-Rotary
Refrigerant			R32
Refrigerant charge	kg		1,08
Pre-charged up to	m		15
Added refrigerant charge	g/m		20
Dimensions (HxWxD)	mm		550 x 780 x 290
Weight	kg		38

❄️ Cooling ☀️ Heating

The measuring conditions for this product can be found at <http://www.toshiba-klima.at/en/measuring-conditions.html>



**Energy Label:** Energy label **A+ to A+++**, indicates the power consumption and energy efficiency class.



**HI POWER:** Particularly strong airflow for quickly reaching the requested temperature.



**ErP Ecodesign:** All criteria of **ECODESIGN**-guideline are fulfilled and confirm highest system efficiency.



**Auto diagnostic:** Check of system for flawless operation.



**Hybrid inverter control:** Smooth capacity regulation.



**Eco Mode:** Energy saving function.



**Rotary compressor:** Reliability and high efficiency.



**Quiet Mode:** Particularly low noise level - whispering mode.



**Twin rotary compressor:** Long-lasting, smoothly running and highest efficiency.



**Comfort Sleep:** Gradual increase of temperature by 2 °C until morning.



**R410A:** Used refrigerant: R410A.



**Power Selection:** Capacity regulation and therefore power savings of up to 25, 50 or 75%.



**R32:** Used refrigerant: R32.



**Floor Mode:** Natural floor warming effect for greater comfort.



**Wifi ready:** Optional control of the system via a smartphone.



**Preset Mode:** Activates individual settings at the touch of a button.



**KNX:** Optional KNX bus connection.



**One Touch Mode:** Fully automatic operation adapted to your needs.



**Dust filter:** Washable filter against coarse contamination.



**Timer:** Individual programming of on-/off times.



**IAQ filter:** Fine mesh filter with natural substances.



**Off Timer:** Shutdown of the unit at chosen times (30 min to 12 h).



**Active carbon-catechin filter:** Cleansing filter with enzymes from green tea.



**Week Timer:** Up to four settings per day and seven per week.



**Plasma filter: Pure Mode:** Electrostatic filter system.



**Automatic Restart:** After a power blackout.



**Air ionizer:** Negative ions cover polluted particles in the air. Dust, pollen and smoke are neutralized.



**8 °C frost protection function:** Frost protection for uninhabited rooms.



**Self-cleaning function:** Usage of condensate water for cleaning.



**Louver:** Flexible setting of louvers.



**Auto Mode:** Automatic selection between cooling and heating.



**3D Airflow:** 6 different airflow patterns in all directions.