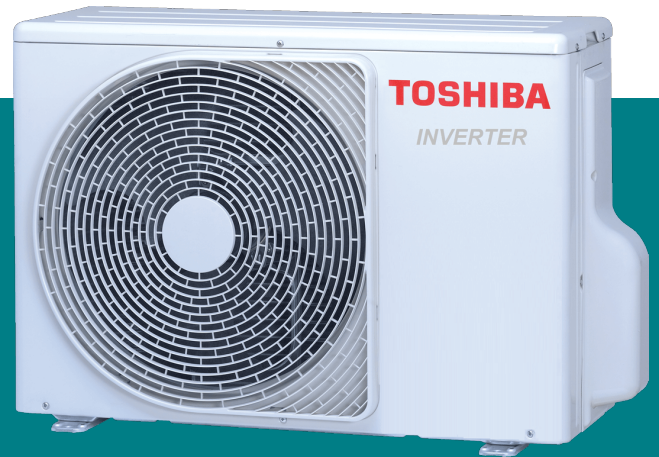


THAT LITTLE EXTRA

## Shorai premium



Symbol photo

### → Highlights

Upper mid-range with IAQ filter & ionizer  
A++ for cooling & heating – 3D airflow (18, 22, 24)  
Comfort infrared remote control included – WiFi ready



Comfort model of the upper mid-range boasting high energy efficiency, a plasma air filter system, and top-class operating features. 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 10, 13, 16
- Twin-rotary compressor in sizes 18, 22, 24
- Exceptionally high efficiency in the partial load range
- Colored, dimmable LED displays
- Draft-free comfort due to 3D air distribution

### → 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)
- IAQ filter
- Plasma filter with ionizer

### → Easy operation

- Comfort infrared remote control included
- WiFi ready
- Optional app control via smartphone or tablet
- Weekly timer with 4 freely programmable settings per day
- 28 time programs per week
- Automatic mode
- Hi Power
- Quiet and silent modes
- Louver swing & fix
- 3D airflow with 6 air flow patterns (18, 22, 24)
- ECO operating mode
- Comfort sleep
- 8°C frost protection function
- Hi Power operating mode
- Pure/plasma filter
- Power select
- Quiet function for indoor unit
- Silent function for outdoor unit
- 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
- Child lock

## Shorai premium / SET

Indoor unit	RAS-B24J2KVRG-E		
Outdoor unit	RAS-24J2AVRG-E		
Cooling capacity	kW	❄️	7,00
Cooling range (min.-max.)	kW	❄️	1,50 - 7,70
Power consumption (min./nom./max.)	kW	❄️	0,30/2,25/2,55
Pdesign c	kW		7,00
Energy efficiency EER	W/W	❄️	3,11
Energy efficiency SEER		❄️	6,25
Energy efficiency class		❄️	A++
Annual electricity consumption	kWh/a	❄️	392
Outdoor temperature operating range (min.-max.)	°C	❄️	-15/+46
Heating capacity	kW	🔥	8,00
Heating range (min.-max.)	kW	🔥	1,60 - 8,80
Power consumption (min./nom./max.)	kW	🔥	0,30/2,41/2,75
Pdesign h	kW		6,30
Energy efficiency COP	W/W	🔥	3,32
Energy efficiency SCOP		🔥	4,07
Energy efficiency class		🔥	A+
Annual electricity consumption	kWh/a	🔥	2166
Outdoor temperature operating range (min.-max.)	°C	🔥	-15/+24

Indoor unit	RAS-B24J2KVRG-E		
Sound pressure level (low/med/high)	dB(A)	❄️	28/-/47
Sound pressure level (low/med/high)	dB(A)	🔥	28/-/48
Sound power level	dB(A)	❄️	62
Sound power level	dB(A)	🔥	63
Airflow	m <sup>3</sup> /h		664 - 1128
Condensate pipe diameter	mm		VP13
Dimensions (HxWxD)	mm		320 x 1050 x 265
Weight	kg		15

❄️ Cooling 🔥 Heating

## Shorai premium / SET

Outdoor unit			RAS-24J2AVRG-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)	❄️	53
Sound pressure level (low/med/high)	dB(A)	☀️	53
Sound power level	dB(A)	❄️	68
Sound power level	dB(A)	☀️	68
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		25
Height difference (max.)	m		15
Airflow	m <sup>3</sup> /h		2916
Compressor type			Twin-Rotary
Refrigerant			R32
Refrigerant charge	kg		1,14
Pre-charged up to	m		15
Added refrigerant charge	g/m		20
Dimensions (HxWxD)	mm		630 x 800 x 300
Weight	kg		43

❄️ 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.