

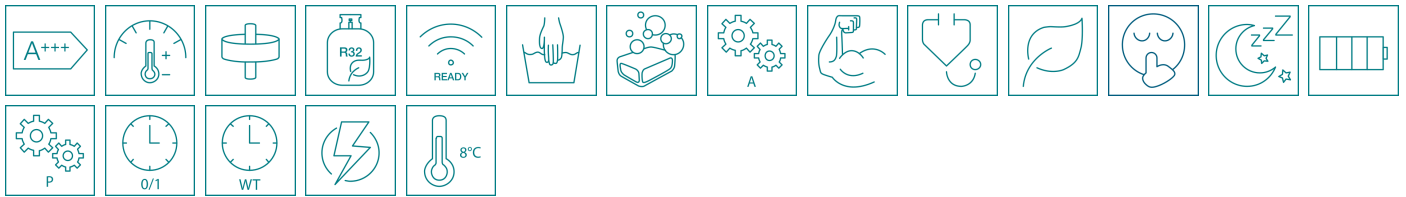
VERSATILE ALLROUNDER

## SHORAI EDGE



### Highlights

Perfect allrounder with Careflow  
A+++ for cooling & heating - 3D Airflow (18, 22, 24)  
Ultra Pure 2.5 filter



Stylish hiwall unit in a seamless matt design. Highest energy efficiency in combination with Ultra-Pure air filter and comfort remote control. 3D- and Careflow- air distribution move the air flow draft-free in the room.



### Attractive and economical

- Very high energy efficiency (A+++)
- DC Hybrid inverter technology
- Particularly high efficiency in part load range
- Whisper mode for indoor & outdoor units
- Colored, dimmable LED displays
- Infrared remote control can be used as a cable remote control
- draft-free comfort: 3D Airflow (18, 22, 24)
- intelligent airflow: Hada Careflow



### Resource-friendly

- Inverter control minimizes power consumption
- ECO mode
- Air as an energy source in heating mode
- Low-GWP refrigerant R32



### Clean ambient air

- Washable dust filters cover the entire heat exchanger
- "Magic Coil" coating of the heat exchanger fins
- Self-cleaning function dries the heat exchanger after the end of operation
- Highly effective Ultra Pure filter of the particle class 2.5  $\mu$



### Operation & features

- Comfort infrared remote control included
- Clear & simple operation
- Automatic mode, Hi power, Preset
- Comfort sleep
- Weekly timer with 4 freely programmable settings / day
- 28 time programs per week
- QUIET mode for indoor unit
- SILENT mode for outdoor unit
- 8 ° C frost protection function
- Fireplace mode
- Power Select
- Automatic restart after power failure adjustable
- Optional APP control via smartphone and tablet
- WIFI module can be integrated in the indoor unit
- An indoor unit can be operated by up to 5 users
- Up to 10 indoor units can be controlled by one user
- Several devices can be combined in up to 3 groups / zones
- Child lock
- Multi-Language APP: German, English, Czech, Croatian, Hungarian, Slovenian, Slovak



## SHORAI EDGE / SET

Indoor unit	RAS-B10J2KVSG-E		
Outdoor unit	RAS-10J2AVSG-E1		
Cooling capacity	kW	❄️	2,50
Cooling range (min.-max.)	kW	❄️	0,89 - 3,20
Power consumption (min./nom./max.)	kW	❄️	0,19/0,54/0,79
Pdesign c	kW		2,5
Energy efficiency EER	W/W	❄️	4,63
Energy efficiency SEER		❄️	8,60
Energy efficiency class		❄️	A+++
Annual electricity consumption	kWh/a	❄️	102
Outdoor temperature operating range (min.-max.)	°C	❄️	-15/+46
Heating capacity	kW	🔥	3,20
Heating range (min.-max.)	kW	🔥	0,90 - 4,80
Power consumption (min./nom./max.)	kW	🔥	0,16/0,70/1,23
Pdesign h	kW		2,5
Energy efficiency COP	W/W	🔥	4,57
Energy efficiency SCOP		🔥	5,10
Energy efficiency class		🔥	A+++
Annual electricity consumption	kWh/a	🔥	686
Outdoor temperature operating range (min.-max.)	°C	🔥	-15/+24

Indoor unit	RAS-B10J2KVSG-E		
Sound pressure level (low/med/high)	dB(A)	❄️	19/22/40
Sound pressure level (low/med/high)	dB(A)	🔥	19/23/40
Sound power level	dB(A)	❄️	53
Sound power level	dB(A)	🔥	53
Airflow	m <sup>3</sup> /h		312-660
Condensate pipe diameter	mm		16
Dimensions (HxWxD)	mm		293 x 800 x 226
Weight	kg		10

❄️ Cooling 🔥 Heating



## SHORAI EDGE / SET

Outdoor unit			RAS-10J2AVSG-E1
Power supply	V/Ph+N/Hz		220-240/1/50
Recommended fusing	A		10
Communication line			H07RN-F 4G1,5
Current consumption (nom.)	A		2,45
Current consumption (max.)	A		3,65
Sound pressure level (low/med/high)	dB(A)	❄️	37/43/44
Sound pressure level (low/med/high)	dB(A)	🔥	39/45/46
Sound power level	dB(A)	❄️	57
Sound power level	dB(A)	🔥	59
Suction gas pipe diameter	mm (inch)		9,5 (3/8)
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		1890
Compressor type			Rotary
Refrigerant			R32
Refrigerant charge	kg		0,55
Pre-charged up to	m		15
Added refrigerant charge	g/m		20
Dimensions (HxWxD)	mm		550 x 780 x 290
Weight	kg		26

❄️ Cooling 🔥 Heating

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

Accessories	Description
Fernbedienung	Infrared remote control included
RB-N103S-G	TOSHIBA Home AC control - wireless WiFi control / Seiya (24), Shorai Edge, Daiseikai 9
818F0036	IAQ filter strips
818F0023	Active carbon-catechin filter strips
818F0050	Ultra-pure 2.5 filter strips
TCB-IFCB5-PE	External on/off PCB, window contact module
TCB-PX100-PE	Casing for outdoor installation of window contact module for high-wall units



In order to make it easier for you to select the optimal product, you can find the description of the special TOSHIBA product functions for your model here: In order to make it easier for you to select the optimal product, you can find the description of the special TOSHIBA product functions for your model here:



**Energy Label A+++:** Energy efficiency class A+++ guarantees the lowest power consumption and the highest efficiency!



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



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



**R32:** Used refrigerant: R32.



**Wifi ready:** WiFi adapter optional.



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



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



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



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



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



**Eco Mode:** Energy saving function.



**Quiet Mode:** Whisper mode for the indoor unit.



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



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



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



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



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



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



**8°C Antifreeze Protection:** Protects unoccupied rooms.

