

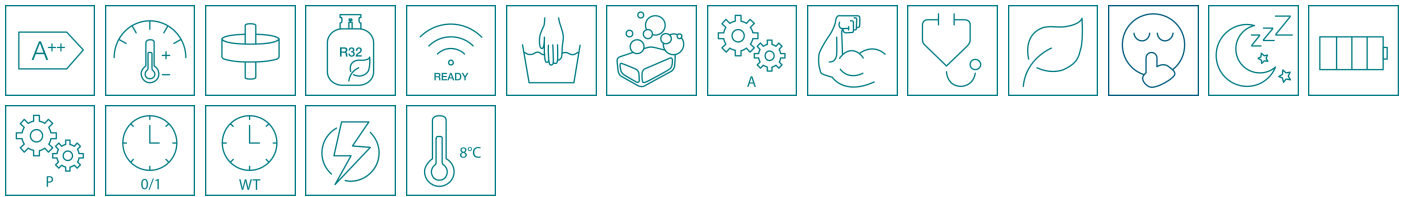
VERSATILE ALLROUNDER

## 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-B16J2KVSG-E		
Outdoor unit	RAS-16J2AVSG-E		
Cooling capacity	kW	❄️	4,60
Cooling range (min.-max.)	kW	❄️	1,20 - 5,30
Power consumption (min./nom./max.)	kW	❄️	0,34/1,35/1,72
Pdesign c	kW		4,60
Energy efficiency EER	W/W	❄️	3,41
Energy efficiency SEER		❄️	7,80
Energy efficiency class		❄️	A++
Annual electricity consumption	kWh/a	❄️	206
Outdoor temperature operating range (min.-max.)	°C	❄️	-15/+46
Heating capacity	kW	🔥	5,50
Heating range (min.-max.)	kW	🔥	1,10 - 6,50
Power consumption (min./nom./max.)	kW	🔥	0,24/1,52/1,90
Pdesign h	kW		4,00
Energy efficiency COP	W/W	🔥	3,62
Energy efficiency SCOP		🔥	4,60
Energy efficiency class		🔥	A++
Annual electricity consumption	kWh/a	🔥	1217
Outdoor temperature operating range (min.-max.)	°C	🔥	-15/+24

Indoor unit	RAS-B16J2KVSG-E		
Sound pressure level (low/med/high)	dB(A)	❄️	21/25/44
Sound pressure level (low/med/high)	dB(A)	🔥	22/26/44
Sound power level	dB(A)	❄️	57
Sound power level	dB(A)	🔥	57
Airflow	m <sup>3</sup> /h		360-768
Condensate pipe diameter	mm		16
Dimensions (HxWxD)	mm		293 x 800 x 226
Weight	kg		10

❄️ Cooling 🔥 Heating



## SHORAI EDGE / SET

Outdoor unit			RAS-16J2AVSG-E
Power supply	V/Ph+N/Hz		220-240/1/50
Recommended fusing	A		10
Communication line			H07RN-F 4G1,5
Current consumption (nom.)	A		5,61
Current consumption (max.)	A		7,55
Sound pressure level (low/med/high)	dB(A)	❄️	40/47/48
Sound pressure level (low/med/high)	dB(A)	🔥	43/49/50
Sound power level	dB(A)	❄️	61
Sound power level	dB(A)	🔥	63
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		2040
Compressor type			Rotary
Refrigerant			R32
Refrigerant charge	kg		0,80
Pre-charged up to	m		15
Added refrigerant charge	g/m		20
Dimensions (HxWxD)	mm		550 x 780 x 290
Weight	kg		33

❄️ 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
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:



**Energy Label A++:** Energy efficiency class A++ guarantees a very low power consumption.



**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.

