

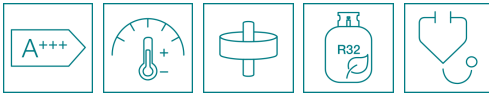
1:1 SINGLE-SPLIT OUTDOOR UNIT R32

## SHORAI EDGE



### Highlights

- Can be connected to one indoor unit
- Piping lengths up to max. 25 m
- Compact, quiet & durable



Compact and quiet outdoor units with low-GWP refrigerant R32 for 1:1 combination with SHORAI EDGE or CONSOLES indoor units. In a robust, weatherproof housing, can be set up flexibly.



### Economical & reliable

- Very high energy efficiency (A+++)
- DC hybrid inverter technology
- Single (07 to 16) or twin rotary compressor (18 to 24)
- Particularly high efficiency in part load range
- Complies with the ECODESIGN Lot10 guideline
- Wide operating temperature range
- Housing made of galvanized sheet steel with a cream-colored stove enamel finish
- Large curved heat exchanger for a small footprint
- Automatic restart after power failure adjustable



### Saving resources

- Inverter control minimizes power consumption
- Eco mode
- Environmentally friendly low-GWP refrigerant R32 pre-filled
- Air as an energy source in heating mode
- Inconspicuous design adapts to any environment
- SILENT whisper mode



### Comfort and economy functions

- Operation via comfort IR remote control (included with the indoor unit)
- Clear & simple operation
- Automatic mode
- Hi power
- Comfort sleep
- Weekly timer with 4 freely programmable settings / day
- 28 time programs per week
- SILENT operating mode
- 8 °C frost protection function
- Power Select
- Optional APP control via smartphone and tablet



## SHORAI EDGE / SET

Indoor unit	RAS-B10J2KVSG-E		
Outdoor unit	RAS-10J2AVSG-E		
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		2,50
Energy efficiency EER	W/W	❄️	4,63
Energy efficiency SEER		❄️	8,60
Energy efficiency class		❄️	A+++
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		2,50
Energy efficiency COP	W/W	🔥	4,57
Energy efficiency SCOP		🔥	5,10
Energy efficiency class		🔥	A+++
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		660
Dimensions (HxWxD)	mm		293 x 800 x 226
Weight	kg		10

❄️ Cooling 🔥 Heating



## SHORAI EDGE / SET

Outdoor unit			RAS-10J2AVSG-E
Power supply	V/Ph+N/Hz		220-240/1/50
Recommended fusing	A		10
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)	❄️	53
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, Shorai Premium (18,22,24), 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: 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.



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

