



UNIVERSAL ALLROUNDER SHORAI EDGE B&W



Highlights

- Careflow air distribution (18, 22, 24)
- A+++ for cooling & heating
- Ultra Pure 2.5 filter
- WIFI adaptor integrated as standard



HIGH line hiwall unit in a seamless matt design, optionally in classic white or in stylish black. Highest energy efficiency in combination with Ultra-Pure air filter and design remote control. 3D- and Careflow- air distribution move the air flow draft-free in the room. For use with 1:1 single outdoor unit or in combination with other indoor units on a 2 to 5 room multi outdoor unit.

→ 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
- 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 μ

→ Operation & features

- Design infrared remote control included
- Clear & simple operation
- Automatic mode, Hi power
- OFF-timer (1 to 12 hours)
- 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
- APP control via smartphone and tablet
- WIFI module integrated in the indoor unit as standard
- 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
- ENERGY MONITORING makes the power consumption transparent.



SHORAI EDGE B&W / SET

Indoor unit	RAS-B16G3KVSG-E		
Outdoor unit	RAS-16J2AVSG-E1		
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		4,6
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		4,0
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-B16G3KVSG-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 ³ /h		360-768
Condensate pipe diameter	mm		16
Dimensions (HxWxD)	mm		293 x 800 x 226
Weight	kg		10

❄️ Cooling 🔥 Heating



SHORAI EDGE B&W / SET

Outdoor unit		RAS-16J2AVSG-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		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 ³ /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



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!



R32: Used refrigerant: R32.



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.



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



Timer: Individual programming of on-/off times.



Automatic Restart: After a power blackout.



8°C Antifreeze Protection: Protects unoccupied rooms.

