# 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**

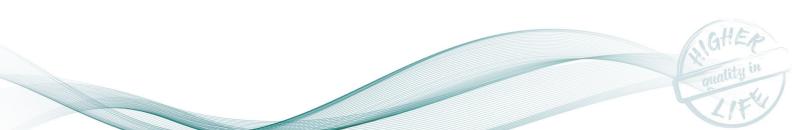
- Inverter control minimizes power consumption
- ECO mode
- Air as an energy source in heating mode
- \_ Low-GWP refrigerant R32

#### 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  $\mu$

#### **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 (minmax.)	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 (minmax.)	°C	*	-15/+46
Heating capacity	kW	*	5,50
Heating range (minmax.)	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		۲	4,60
Energy efficiency class		*	A++
Annual electricity consumption	kWh/a	۲	1217
Outdoor temperature operating range (minmax.)	°C	۲	-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)	۲	22/26/44
Sound power level	dB(A)	*	57
Sound power level	dB(A)	۲	57
Airflow	m³/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.)	А		5,61
Current consumption (max.)	А		7,55
Sound pressure level (low/med/high)	dB(A)	*	40/47/48
Sound pressure level (low/med/high)	dB(A)	۲	43/49/50
Sound power level	dB(A)	*	61
Sound power level	dB(A)	۲	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	m³/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



#### - SHORAI EDGE B&W

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!



Dust filter: Washable filter against coarse contamination.



Auto Mode: Automatic selection between cooling and heating.



Auto diagnostic: Check of system for flawless operation.



Quiet Mode: Whisper mode for the indoor unit.

Timer: Individual programming of on-/off times.



R32: Used refrigerant: R32.



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



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

Eco Mode: Energy saving function.



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

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Automatic Restart: After a power blackout.



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8°C Antifreeze Protection: Protects unoccupied rooms.