TOSHIBA

UNIVERSAL ALLROUNDER

SHORAI EDGE BLACK

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 stylish BLACK matt design. 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.

HIGHER quality in LIFE

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SHORAI EDGE BLACK / SET

Indoor unit Outdoor unit			RAS-B16G3KVSGB-E 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-B16G3KVSGB-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		VP13
Dimensions (HxWxD)	mm		293 x 800 x 226
Weight	kg		10

❄ Cooling ☀ Heating

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Outdoor unit			RAS-16J2AVSG-E1
Power supply	V/Ph+N/Hz		220-240/1+N/50
Recommended fusing	A		10
Recommended power supply line type			H07RN-F 3G1,5
Communication line			H07RN-F 4G1,5
Current consumption (nom.)	A		5,61
Current consumption (max.)	A		9,50
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			DC 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
818F0036	IAQ filter strips
818F0023	Active carbon-catechin filter strips
818F0072	Ultra-Fresh 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

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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.

8°C Antifreeze Protection: Protects unoccupied rooms.

R32: Used refrigerant: R32.

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%.

Automatic Restart: After a power blackout.