

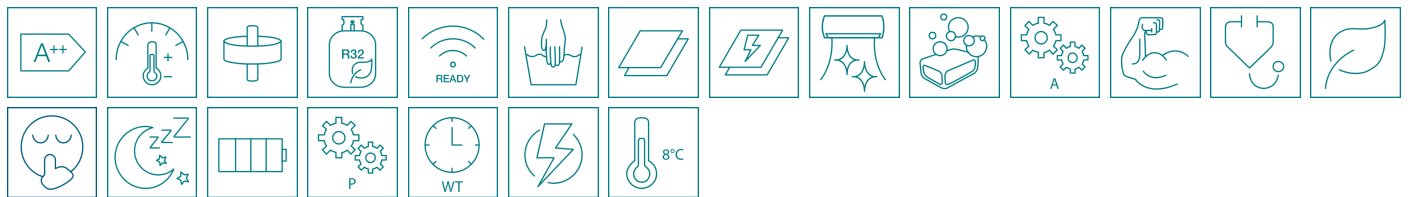
THAT LITTLE EXTRA

Shorai premium – R32



Highlights

Upper mid-range with IAQ filter & ionizer
A++ for cooling & heating – 3D airflow (22 and 24)
Comfort infrared remote control included – WiFi ready



Comfort high-wall unit of the upper mid-range with a Ozone air purifier and top-class operating features. For use with 1:1 single outdoor unit or in combination with other indoor units on a 2- to 5-room multi outdoor unit.



Product Advantages

- Excellent energy efficiency (A+ to A++)
- Colored, dimmable LED displays
- Draft-free comfort due to 3D air distribution
- Eco operating mode
- Low GWP refrigerant R32
- Air used as energy source during heating operation
- Compact outdoor and indoor units
- "Quiet" whisper mode for indoor units



Clean ambient air

- Washable dust filter that covers the entire heat exchanger
- "Dustless coil" coating of the heat exchanger fins
- Self-cleaning function dries the heat exchanger after operation
- Optional active carbon-catechin filter strips (art.818F0023)
- IAQ filter
- Ozone aircleaner with ionizer



Easy operation

- Comfort infrared remote control included
- WiFi ready
- Optional app control via smartphone or tablet
- Weekly timer with 4 freely programmable settings per day
- 28 time programs per week
- Automatic mode
- Hi Power
- Quiet and silent modes
- Louver swing & fix
- 3D airflow with 6 air flow patterns (22 and 24)
- ECO operating mode
- Comfort sleep
- 8°C frost protection function
- Hi Power operating mode
- Pure/plasma filter
- Power select
- Quiet function
- Automatic restart after power blackout



WiFi special features

- All indoor units & groups on/off control
- All indoor units & groups weekly timer
- All indoor units & groups setting
- Indoor temperature display
- Outdoor temperature display
- Child lock



Shorai premium – R32 / SET

Indoor unit			RAS-B16J2KVRG-E
Outdoor unit			RAS-16J2AVRG-E
Cooling capacity	kW	❄	4,60
Cooling range (min.-max.)	kW	❄	1,20 - 5,30
Power consumption (min./nom./max.)	kW	❄	0,23/1,40/1,72
Pdesign c	kW		4,60
Energy efficiency EER	W/W	❄	3,29
Energy efficiency SEER		❄	6,50
Energy efficiency class		❄	A++
Annual electricity consumption	kWh/a	❄	248
Outdoor temperature operating range (min.-max.)	°C	❄	-15/+46
Heating capacity	kW	☀	5,50
Heating range (min.-max.)	kW	☀	0,90 - 6,50
Power consumption (min./nom./max.)	kW	☀	0,17/1,52/1,82
Pdesign h	kW		4,00
Energy efficiency COP	W/W	☀	3,62
Energy efficiency SCOP		☀	4,20
Energy efficiency class		☀	A+
Annual electricity consumption	kWh/a	☀	1335
Outdoor temperature operating range (min.-max.)	°C	☀	-15/+24

Indoor unit			RAS-B16J2KVRG-E
Sound pressure level (low/med/high)	dB(A)	❄	25/-/43
Sound pressure level (low/med/high)	dB(A)	☀	26/-/43
Sound power level	dB(A)	❄	58
Sound power level	dB(A)	☀	58
Airflow	m ³ /h		330 - 768
Condensate pipe diameter	mm		VP13
Dimensions (HxWxD)	mm		293 x 798 x 241
Weight	kg		9

❄ Cooling ☀ Heating



Shorai premium – R32 / SET

Outdoor unit			RAS-16J2AVRG-E
Power supply	V/Ph+N/Hz		220-240/1/50
Recommended fusing	A		13
Current consumption (nom.)	A		5,76
Current consumption (max.)	A		7,10
Sound pressure level (low/med/high)	dB(A)	❄️	49
Sound pressure level (low/med/high)	dB(A)	🔥	52
Sound power level	dB(A)	❄️	64
Sound power level	dB(A)	🔥	67
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		34



❄️ 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
RB-N104S-G	TOSHIBA Home AC Control - WiFi control with cable / Seiya (7,10,13,16,18), console
818F0023	Active carbon-catechin filter strips
818F0050	Ultra-pure 2.5 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.
	IAQ filter: Fine mesh filter with natural substances.		Plasma filter: Pure Mode: Electrostatic filter system.
	Ozone Air Purifier / Ionizer: Ozone molecules act against smells, viruses, bacteria and allergens.		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.
	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.		

