

SHORAI EDGE



DESIGN
YOUR
COMFORT

TOSHIBA

 *Better Air Solutions*

WELCOME TO A+++ ENERGY CLASS

SHORAI™ Edge has been designed to offer optimal comfort in A+++ heating and cooling modes leading to true energy savings.

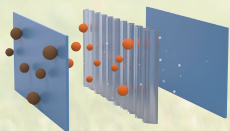
Give yourself the A+++ treatment

The SHORAI Edge offers very high part load efficiencies thanks to its triple A energy label for both heating and cooling.

Toshiba Ultra Pure Filter PM2.5 purification

PM2.5 refers to particulate matter coming from atmospheric pollution that have a diameter of less than 2.5 micrometers.

- Studies have found a close link between exposure to fine particles and lung disease or worsening chronic disease⁽¹⁾.
- The Toshiba Ultra Pure filter captures up to 94% of PM2.5, creating healthy living spaces at home⁽²⁾.



⁽¹⁾ <https://www.health.ny.gov/environmental/>
⁽²⁾ Nantong del purification equipment factory Co. Ltd.

Silence is golden

Toshiba is constantly innovating to provide air conditioning excellence in line with users' expectations. To reduce noise and improve comfort, SHORAI Edge's Silent functions halves the sound level of the outdoor unit while its Quiet function reduces noise from the indoor unit to give you a good night's sleep.

Toshiba's innovative inverter technology

Toshiba's Rotary Compressor technology combines exemplary performance with outstanding reliability whilst Inverter technology allows the SHORAI Edge to regulate heating and cooling capacity at all times.

Design and reliability

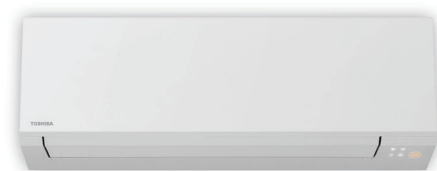
Innovation, efficiency, high reliability, energy savings, environmental sustainability. These powerful values are at the heart of everything we do at Toshiba.

For over 50 years, Toshiba has been providing its clients with the precision and expertise of flawless Japanese quality.

Inverter Air Conditioner Technology invented by Toshiba

SEER up to 8.6	SCOP up to 5.1	7 sizes covering 2.0 to 7.0 kW (Cooling) 2.5 to 8.0 kW (Heating)
CDU down to 38 dB(A)	IDU down to 19 dB(A)	

EDGE DESIGN



Inner beauty

Beautify your interior with a new stylish, contemporary design. With its straight lines, matt finish and invisible piping pre-cuts, the new SHORAI Edge fits perfectly with any type of interior.



SHORAI EDGE BLACK

SMART CONTROL

A matching stylish remote controller will complete the look of your SHORAI Edge Black.



DESIGN

The clean dark design of SHORAI Edge Black brings elegance to your interior.



CONNECTIVITY

Thanks to its integrated WiFi module, take control of your SHORAI Edge with any of your mobile devices.

SOLUTION FOR YOUR WELL-BEING

Designed to maximize your comfort. Toshiba offers remote functions that make everyday life simpler.

Hada Care

Set louver position to homogenize room temperature and generate indirect air flow to help maintain skin moisture.

3D Airflow

The unit boasts a 3D smart airflow system with independent louvers for better comfort.

Silent Operation (outdoor unit)

Toshiba's unique noise reduction function of outdoor unit down to 6dB(A) for your neighborhood comfort.

8°C Heating

Protects your home from freezing temperatures while you are away, making it the perfect choice in winter.

Fireplace in Heating Mode

Toshiba's unique fireplace mode provides optimum diffusion of heat from your fireplace or other heat sources, by keeping the indoor unit fan blowing continuously at low speed, even when the compressor is switched off.

On-demand Defrost

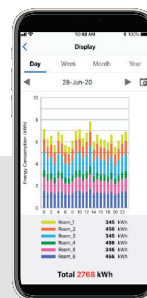
In certain extreme conditions, you can manually defrost at any time by pressing MENU button for 5 seconds.



MAKE YOUR AIR CONDITIONER SMART

Enhance your comfort at home or away

Customise your comfort, finding the perfect cooling or heating level for your family at any time, no matter where you are. When at home, take advantage of the embedded wireless adapter and its intuitive app.



- Energy monitoring
- Smart speaker voice control functions compatible with Google Home Assistant & Amazon Alexa



SHORAI EDGE BLACK & WHITE R32 - Performance data

Outdoor unit		RAS-07J2AVSG-E1	RAS-10J2AVSG-E1	RAS-13J2AVSG-E1	RAS-16J2AVSG-E1	RAS-18J2AVSG-E1	RAS-22J2AVSG-E1	RAS-24J2AVSG-E1
Indoor unit (white)		RAS-B07G3KVSGB-E	RAS-B10G3KVSGB-E	RAS-B13G3KVSGB-E	RAS-B16G3KVSGB-E	RAS-B18G3KVSGB-E	RAS-B22G3KVSGB-E	RAS-B24G3KVSGB-E
Indoor unit (black)		RAS-B07G3KVSGB-E	RAS-B10G3KVSGB-E	RAS-B13G3KVSGB-E	RAS-B16G3KVSGB-E	RAS-B18G3KVSGB-E	RAS-B22G3KVSGB-E	RAS-B24G3KVSGB-E
Cooling capacity	kW	2.0	2.5	3.5	4.6	5.0	6.1	7.0
Cooling range (min. - max.)	kW	(0.89 - 2.90)	(0.89 - 3.20)	(1.00 - 4.10)	(1.20 - 5.30)	(1.20 - 6.00)	(1.39 - 6.70)	(1.70 - 7.70)
EER	W/W	5.13	4.63	3.89	3.41	3.52	3.07	3.11
SEER		8.5	8.6	8.6	7.8	7.3	7.3	6.3
Energy efficiency class	C	A+++	A+++	A+++	A++	A++	A++	A++
Seasonal electricity consumption	kWh/a C	82	102	142	206	242	292	389
Heating capacity	kW	2.5	3.2	4.2	5.5	6.0	7.0	8.0
Heating range (min. - max.)	kW	(0.90 - 3.60)	(0.90 - 4.80)	(1.00 - 5.30)	(1.10 - 6.50)	(1.10 - 6.50)	(1.15 - 7.50)	(1.70 - 8.80)
Pdesignh	kW	2.3	2.5	3.2	4.00	4.3	4.7	6.3
COP	W/W	5.00	4.57	3.89	3.62	3.77	3.72	3.40
SCOP		5.1	5.1	5.1	4.6	4.6	4.6	4.1
Energy efficiency class	H	A+++	A+++	A+++	A++	A++	A++	A+
Seasonal electricity consumption	kWh/a H	631	686	878	1217	1309	1430	2149

SHORAI EDGE BLACK & WHITE R32 - Physical data indoor

Indoor unit (white)		RAS-B07G3KVSGB-E	RAS-B10G3KVSGB-E	RAS-B13G3KVSGB-E	RAS-B16G3KVSGB-E	RAS-B18G3KVSGB-E	RAS-B22G3KVSGB-E	RAS-B24G3KVSGB-E
Indoor unit (black)		RAS-B07G3KVSGB-E	RAS-B10G3KVSGB-E	RAS-B13G3KVSGB-E	RAS-B16G3KVSGB-E	RAS-B18G3KVSGB-E	RAS-B22G3KVSGB-E	RAS-B24G3KVSGB-E
Sound pressure level (high/quiet)	dB(A) C	40/19	40/19	43/19	44/21	44/26	45/27	47/28
Sound power level (high)	dB(A) C	53	53	56	57	57	58	60
Air flow (high)	m³/h - l/s C	660 - 183	660 - 183	732 - 203	750 - 208	990 - 274	1032 - 286	1122 - 311
Sound pressure level (high/quiet)	dB(A) H	40/19	40/19	43/19	44/22	44/26	46/27	48/28
Sound power level (high)	dB(A) H	53	53	56	57	57	59	61
Air flow (high)	m³/h - l/s H	660 - 183	660 - 183	732 - 203	768 - 213	990 - 274	1080 - 299	1140 - 316
Dimensions (hxwx d)	mm	293x800x226	293x800x226	293x800x226	293x800x226	320x1053x245	320x1053x245	320x1053x245
Weight	kg	10	10	10	10	14	14	14
Remote controller (White)		WH-UA06UE	WH-UA06UE	WH-UA06UE	WH-UA06UE	WH-UA06UE	WH-UA06UE	WH-UA06UE
Remote controller (Black)		WH-UA04UE	WH-UA04UE	WH-UA04UE	WH-UA04UE	WH-UA04UE	WH-UA04UE	WH-UA04UE

SHORAI EDGE BLACK & WHITE R32 - Physical data indoor

Outdoor unit		RAS-07J2AVSG-E	RAS-10J2AVSG-E1	RAS-13J2AVSG-E1	RAS-16J2AVSG-E1	RAS-18J2AVSG-E	RAS-22J2AVSG-E	RAS-24J2AVSG-E
Sound pressure level (high)	dB(A) C	44	44	46	48	48	49	50
Sound pressure level (Silent CDU#2)	dB(A) C	36	37	39	40	42	43	43
Sound power level (high)	dB(A) C	57	57	59	61	63	62	63
Operating range	°C C	-15~46	-15~46	-15~46	-15~46	-15~46	-15~46	-15~46
Sound pressure level (high)	dB(A) H	46	46	48	50	50	51	53
Sound pressure level (Silent CDU#2)	dB(A) H	38	39	43	43	44	46	46
Sound power level (high)	dB(A) H	59	59	61	63	63	64	66
Operating range	°C H	-15~24	-15~24	-15~24	-15~24	-15~24	-15~24	-15~24
Dimensions (hxwx d)	mm	550x780x290	550x780x290	550x780x290	550x780x290	550x780x290	550x780x290	630x800x300
Weight	kg	26	26	30	33	34	34	42
Compressor type		DC Rotary	DC Rotary	DC Rotary	DC Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary
Flare connections (gas-liquid)		3/8" - 1/4"	3/8" - 1/4"	3/8" - 1/4"	1/2" - 1/4"	1/2" - 1/4"	1/2" - 1/4"	1/2" - 1/4"
Minimum pipe length	m	2	2	2	2	2	2	2
Maximum pipe length	m	20	20	20	20	20	20	25
Maximum height difference	m	12	12	12	12	12	12	15
Chargeless pipe length	m	15	15	15	15	15	15	15
Refrigerant charge (R32)	kg	0.55	0.55	0.8	0.8	1.1	1.1	1.14
Power supply	V-ph-Hz	230-1-50	230-1-50	230-1-50	230-1-50	230-1-50	230-1-50	230-1-50

C: cooling mode
H: heating mode



TOSHIBA Air Conditioning participates in the ECP program for Comfort Air Conditioners (AC). Check ongoing validity of certificate: www.eurovent-certification.com



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