

TOSHIBA

SHORAI EDGE

A fresh
take on design
and performance



www.toshiba-aircondition.com

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.

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.



Absolute **silence**

Toshiba is constantly innovating to guarantee 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.

Custom **well-being**

The innovative SHORAI Edge offers a new technology called "HADA CARE", which enhances air distribution in the room and protects skin moisture level.



Give yourself the **A+++ treatment**

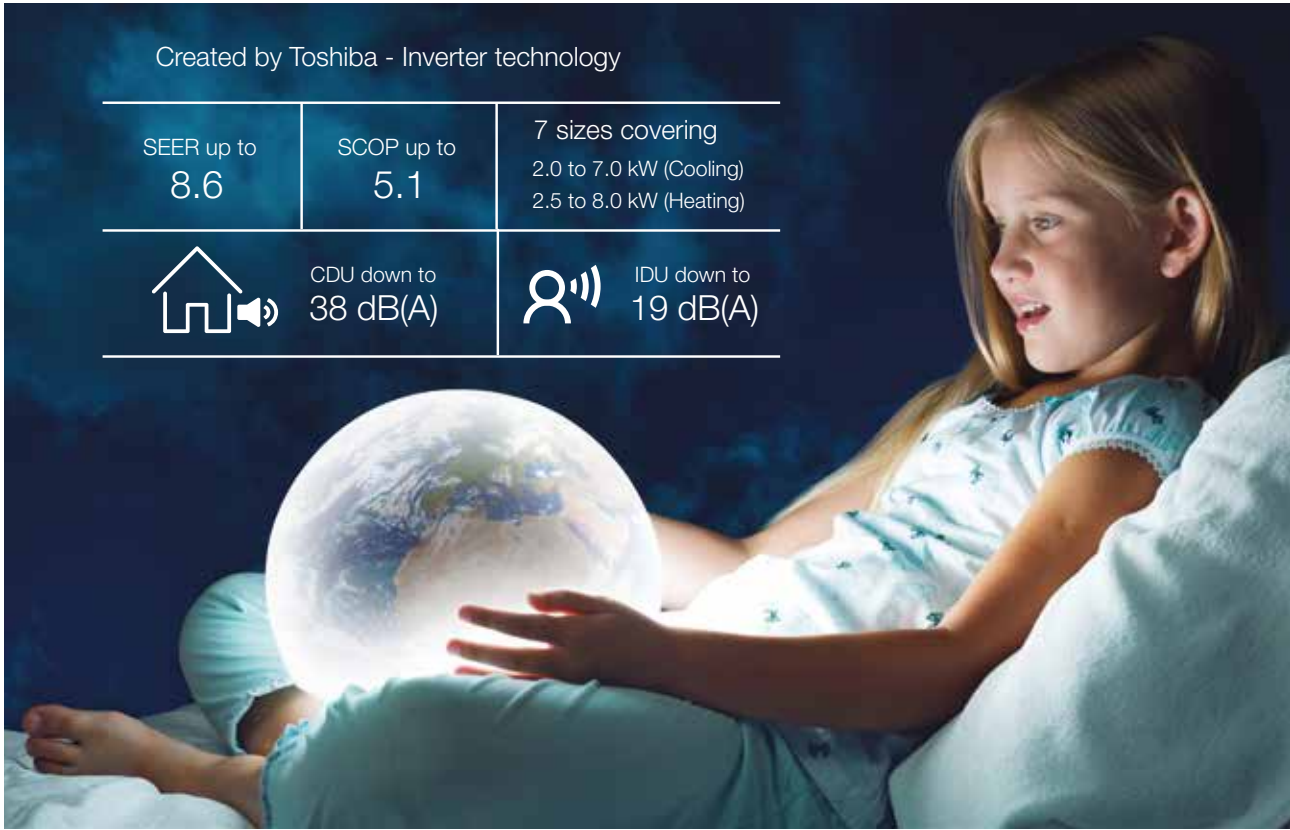
The SHORAI Edge is offering the best part load efficiencies on its market segment thanks to its triple A energy performance for both heating and cooling.

Out-of-the-box **installation**

Easy, optimised mounting thanks to the cutout markings for piping connections, allowing a faster installation time.

Created by Toshiba - Inverter technology

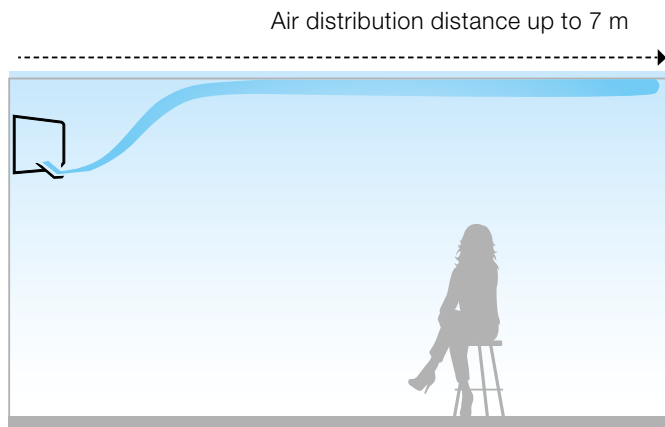
SEER up to 8.6	SCOP up to 5.1	7 sizes covering 2.0 to 7.0 kW (Cooling) 2.5 to 8.0 kW (Heating)
 CDU down to 38 dB(A)	 IDU down to 19 dB(A)	



INNOVATIVE WELL-BEING

HADA Care Flow (cooling mode)

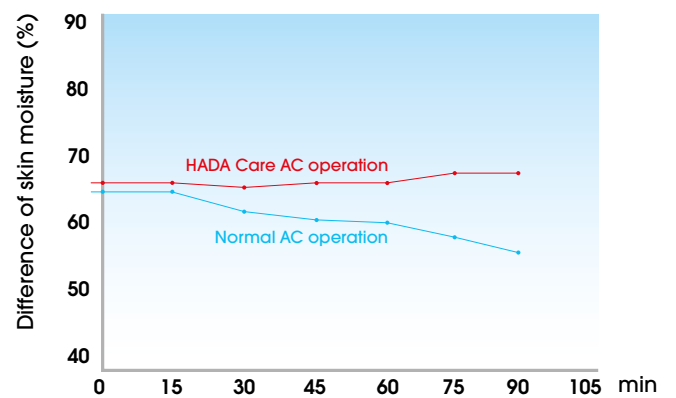
- Set louver position to generate indirect air flow, with better air distribution to homogenize room temperature.



Test room condition length >10m*

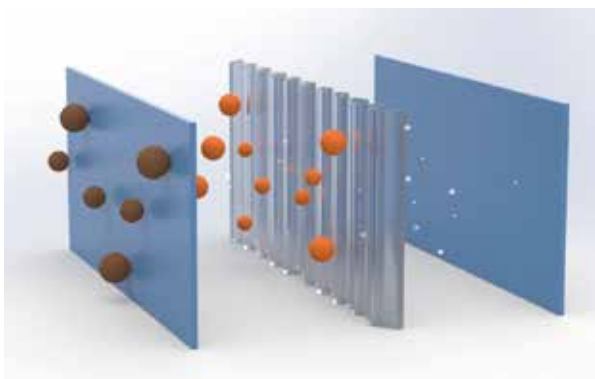
- Toshiba HADA Care mode makes stressfree condition for beauty skin.

Skin moisture shifting with operating air conditioner



Toshiba Magic Coil

- Thanks to special coated material on heat-exchanger, pollutants are continuously drained along with condensates.



Toshiba Ultra Pure Filter

PM2.5 purification 94% efficiency

- PM2.5 refers to particulate matters 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 worsen chronic disease.
- Toshiba Ultra Pure filter captures up to 94% of PM2.5, creating healthy living spaces at home (1).

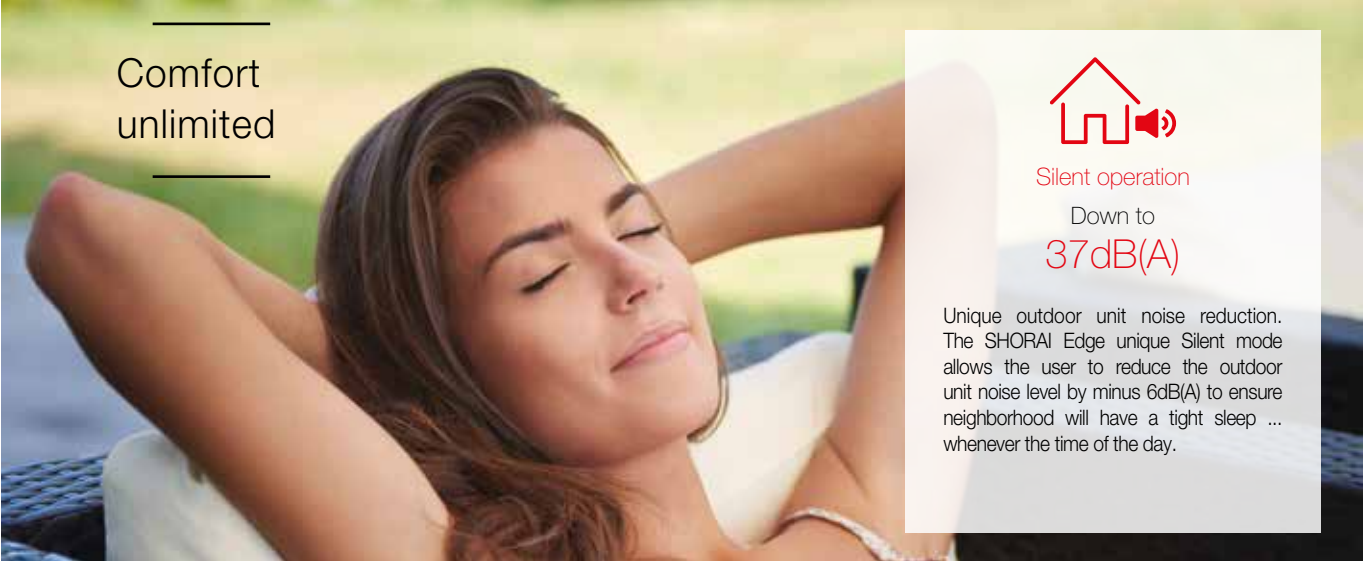
(1) Nantong deli purification equipment factory Co., Ltd.

ABSOLUTE SILENCE

Toshiba is always innovating to guarantee air conditioning excellence with the user in mind. The SHORAI Edge's outdoor unit is the most silent of the market in nominal operations. Its Quiet function cuts noise from the indoor unit to make sure you sleep soundly.



Ultra-quiet system
Less than
19dB(A)



Comfort unlimited



Silent operation
Down to
37dB(A)

Unique outdoor unit noise reduction. The SHORAI Edge unique Silent mode allows the user to reduce the outdoor unit noise level by minus 6dB(A) to ensure neighborhood will have a tight sleep ... whenever the time of the day.

TREAT YOURSELF TO JAPANESE QUALITY

Design and reliability

Innovation, efficiency, high reliability, energy savings, respect for the environment. 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 guaranteed precision and expertise of flawless Japanese quality.



Toshiba's innovative inverter technology

Toshiba's innovative rotary compressor technology combines exemplary performance with outstanding reliability. Minimising fluctuations to ensure a constant temperature, it increases efficiency while eliminating the risk of incidental noise.

Toshiba, Inverter Technology allows the SHORAI Edge to regulate heating and cooling capacity at all times, by adjusting the compressor speed to demand.



SOLUTION WELL-BEING



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

HADA CARE

Set louver position to generate indirect air flow, with better air distribution to homogenize room temperature.

3D Airflow

The unit boasts a 3D smart airflow system, with independent louvers and 6 patterns for unlimited comfort (only sizes 18, 22 & 24).

Silent Operation (outdoor unit)

Toshiba's unique noise reduction function, lowers the noise of the outdoor unit by minus 6dB(A) for your neighborhood's comfort.

Quiet mode (indoor unit)

Press FAN button to adjust speed and reach Quiet mode to operate at silent noise level.

Weekly timer

Weekly timer allows to set «on and off» times or program settings every 24 hours. Up to 4 different settings/days and 7 different programs in a week.

8°C heating

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

Fire place in heating mode

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

On-demand defrost

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

Wireless adapter support

Integrated in all the units for easier installation in light commercial applications.

Comfort sleep

For optimum comfort while sleeping, set the temperature to rise by 1°C after 1 hour, then another degree after 2 hours, which will be maintained until morning.

Toshiba remote control features, including preset functions, power select and ECO to reduce your energy bills, comfort sleep to optimize the room temperature at night, and Hi-power for ultra-fast cooling or heating.

SHORAI Edge is finally a truly intuitive system, nothing could be simpler to use.

- It stores the position of the louvers after an auto restart, minimizing disruption and maximizing your comfort.
- It restarts automatically after a power failure, and runs its own diagnostics. LEDs on the unit allow you to see which operations are active at a glance.



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, simply replace your infrared remote control with the intuitive smart app. This also gives you easy access to your air conditioner on the move,

allowing you to adapt your comfort to your lifestyle! The Wi-Fi module on all FCU models is invisible thanks to its embedded wireless adapter.



5 users
10 units

Want to go home and immediately enjoy an ideal temperature?
Simply use the app to check the status, quickly and easily, adjust your comfort, no matter where you are.

- 8°C Holiday frost protection mode
- Fireplace mode
- Wi-Fi invisible module

- Hi POWER Boost mode
- Silent CDU to reduce the outdoor unit noise level
- Easy scheduling function to optimise your comfort and energy bill

SHORAI Edge

INDOOR UNIT			RAS-B07J2KVSG-E	RAS-B10J2KVSG-E	RAS-B13J2KVSG-E	RAS-B16J2KVSG-E	RAS-18J2KVSG-E	RAS-B22J2KVSG-E	RAS-B24J2KVSG-E
OUTDOOR UNIT			RAS-07J2AVSG-E	RAS-10J2AVSG-E	RAS-13J2AVSG-E	RAS-16J2AVSG-E	RAS-18J2AVSG-E	RAS-22J2AVSG-E	RAS-24J2AVSG-E
Cooling capacity	kW	❄️	2,00	2,50	3,50	4,60	5,00	6,10	7,00
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
Power consumption (min./nom./max.)	kW	❄️	0,19/0,39/0,67	0,19/0,54/0,79	0,25/0,90/1,12	0,34/1,35/1,72	0,35/1,42/2,00	0,36/1,99/2,20	0,38/2,25/2,55
Energy efficiency EER	W/W	❄️	5,13	4,36	3,89	3,41	3,52	3,07	3,11
Energy efficiency SEER		❄️	8,50	8,60	8,60	7,80	7,80	7,30	6,30
Energy efficiency class		❄️	A+++	A+++	A+++	A++	A++	A++	A++
Outdoor temperature operating range (min.-max.)	°C	❄️	-15/+46	-15/+46	-15/+46	-15/+46	-15/+46	-15/+46	-15/+46
Heating capacity	kW	🔥	2,50	3,20	4,20	5,50	6,00	7,00	8,00
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
Power consumption (min./nom./max.)	kW	🔥	0,16/0,50/0,80	0,16/0,70/1,23	0,20/1,08/1,55	0,24/1,52/1,90	0,25/1,59/1,75	0,26/1,88/2,10	0,29/2,35/2,75
Energy efficiency COP	W/W	🔥	5,00	4,57	3,89	3,62	3,77	3,72	3,40
Energy efficiency SCOP		🔥	5,10	5,10	5,10	4,60	4,60	4,60	4,10
Energy efficiency class		🔥	A+++	A+++	A+++	A++	A++	A++	A+
Outdoor temperature operating range (min.-max.)	°C	🔥	-15/+24	-15/+24	-15/+24	-15/+24	-15/+24	-15/+24	-15/+24
Power supply	V/Ph+N/Hz		220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50
Recommended fusing	A		10	10	10	16	16	16	16

INDOOR UNIT		RAS-B07J2KVSG-E	RAS-B10J2KVSG-E	RAS-B13J2KVSG-E	RAS-B16J2KVSG-E	RAS-18J2KVSG-E	RAS-B22J2KVSG-E	RAS-B24J2KVSG-E
Airflow	m³/h	660	660	732	750	990	1032	1122
Sound pressure level (low/med/high)	dB(A)	❄️ 19/22/40	❄️ 19/22/40	❄️ 19/23/43	❄️ 21/25/44	❄️ 26/31/44	❄️ 27/34/45	❄️ 28/35/47
Sound pressure level (low/med/high)	dB(A)	🔥 19/23/40	🔥 19/23/40	🔥 19/23/43	🔥 22/26/44	🔥 26/31/44	🔥 27/34/46	🔥 28/35/48
Dimensions (HxWxD)	mm	293 x 800 x 226	293 x 800 x 226	293 x 800 x 226	293 x 800 x 226	320 x 1053 x 245	320 x 1053 x 245	320 x 1053 x 245
Weight	kg	10	10	10	10	14	14	14

OUTDOOR UNIT		RAS-07J2AVSG-E	RAS-10J2AVSG-E	RAS-13J2AVSG-E	RAS-16J2AVSG-E	RAS-18J2AVSG-E	RAS-22J2AVSG-E	RAS-24J2AVSG-E
Sound pressure level (low/med/high)	dB(A)	❄️ 44	❄️ 44	❄️ 46	❄️ 48	❄️ 48	❄️ 49	❄️ 50
Sound pressure level (low/med/high)	dB(A)	🔥 46	🔥 46	🔥 48	🔥 50	🔥 50	🔥 51	🔥 52
Suction gas pipe diameter	mm (inch)	9,5 (3/8)	9,5 (3/8)	9,5 (3/8)	12,7 (½)	12,7 (½)	12,7 (½)	12,7 (½)
Liquid pipe diameter	mm (inch)	6,3 (¼)	6,3 (¼)	6,3 (¼)	6,3 (¼)	6,3 (¼)	6,3 (¼)	6,3 (¼)
Pipe length (min.)	m	2	2	2	2	2	2	2
Pipe length (max.)	m	20	20	20	20	20	20	25
Height difference (max.)	m	12	12	12	12	12	12	15
Compressor type		Rotary	Rotary	Rotary	Rotary	Twin-Rotary	Twin-Rotary	Twin-Rotary
Refrigerant		R32	R32	R32	R32	R32	R32	R32
Refrigerant charge	kg	0,55	0,55	0,80	0,80	1,10	1,10	1,14
Dimensions (HxWxD)	mm	550 x 780 x 290	550 x 780 x 290	550 x 780 x 290	550 x 780 x 290	550 x 780 x 290	550 x 780 x 290	630 x 800 x 300
Weight	kg	26	26	30	33	34	34	42

ACCESSORIES

Fernbedienung



RB-N101S-G

818F0036

818F0023

TCB-IFCB5-PE

TCB-PX100-PE



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

