TOSHIBA

TOSHIBA R32 REFRIGERANT

Air with Care

The heatpump with the only 10year warranty



TREAT YOURSELF TO JAPANESE QUALITY



SHORAI EDGE

Beautify your interior with a new interior stylish contemporary design. Shorai Edge with its straight lines, matt finish invisible precut fits perfectly with any interior.

Toshiba's innovative inverter technology



Toshiba's innovative rotary compressor technology combines exemplary performance with outstanding reliability. Minimizing fluctuations to ensure a constant temperature, it increases efficiency while significantly reducing the risk of incidental noise. Toshiba's Inverter Technology allows the Shorai Edge to regulate heating and cooling capacity at all times by adjusting the compressor speed.

Design and reliability

Innovation, efficiency, high reliability, energy savings—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 Japanese quality.



COMFORT UNLIMITED

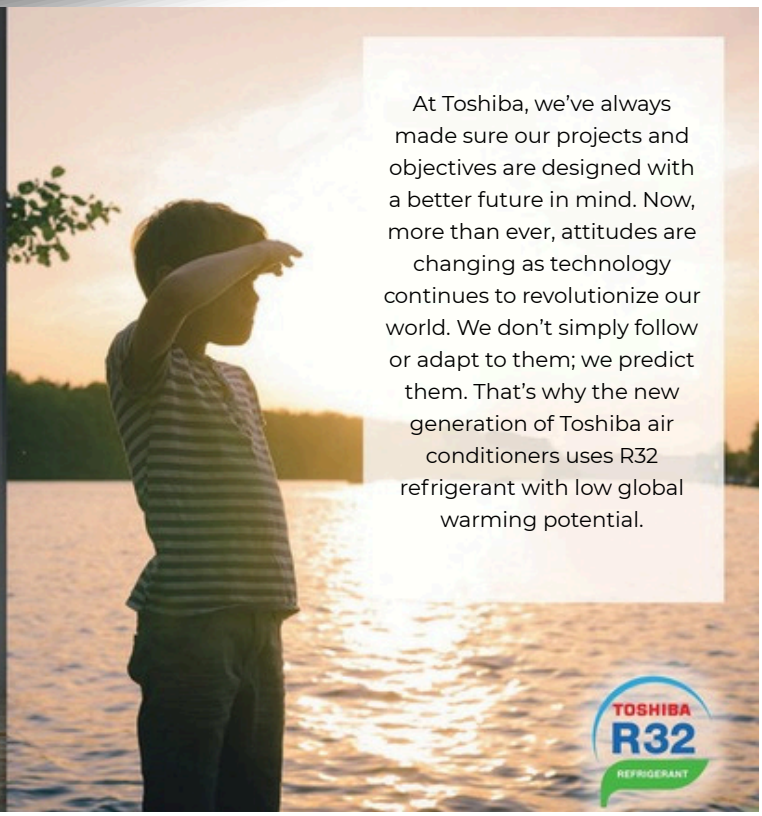
TOSHIBA





BETTER AIR SOLUTIONS FOR BETTER WORLD





TOSHIBA

Innovation and well being



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

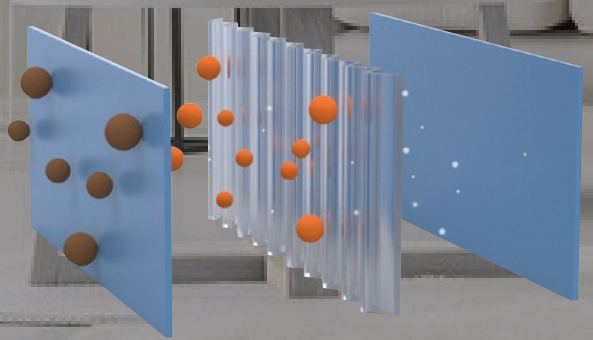
Experience the A++ treatment

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

Ultra Pure Filter

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 deli 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.

World leading 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 Reliabilty

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 upto 8.6	*SCOP upto* 5.1	*7 sizes covering* 2.0 to 7.0 kW (Cooling) 2.5 to 8.0 kW (Heating)
	CDUdownto 38 dB(A)	*IDU down to* 19 dB(A)

SHORAI EDGE

SHORAI EDGE

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 airflow 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 the outdoor unit reduces noise down to 6 dB(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 the MENU button for 5 seconds.



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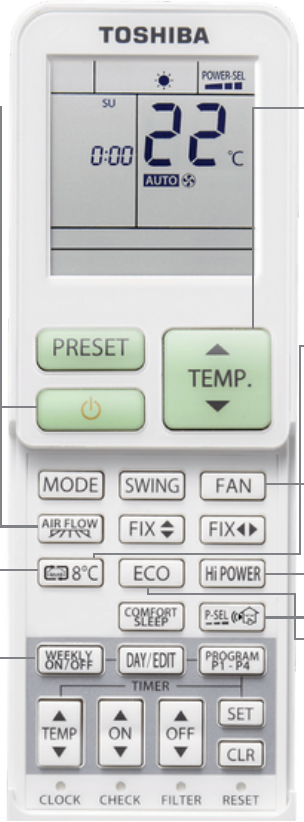
MAKE YOUR AIR CONDITIONER SMART

TOSHIBA



WIRELESS SOLUTION FOR WELL-BEING ON DEMAND

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



3D Airflow

Improved comforts by distributing powerful and stable air volume in 6 unique airflow patterns*

*only for RAS 22-RAS36 models

ON / OFF

8°C Heating

The indoor temperature is maintained at 8°C, but it can be adjusted anywhere between 5°C and 13°C.

Weekly Timer

Toshiba remote control provides a very convenient automatic operation with up to 4 different settings per day and 7 different programmable on and off operation programs in a week.

Temperature Control

5-Selectable Fan Speed plus Auto

Fireplace

Ensures the unit operates in fan mode to help move the heat generated by the fireplace.

Silent Operation

Toshiba's unique noise reduction function of outdoor unit for your neighbourhood comfort.

Power Selector

Select between 50/75/100% for maximum power savings.

ECO

Achieve energy-savings of up to 25% compared with standard settings with no compromise on comfort.*

Wire Connectable Controller

The infrared controller can also be hard-wired < 30mtr



INDOOR UNIT		RAS-07ZKVSG-A	RAS-10ZKVSG-A	RAS-13ZKVSG-A	RAS-16ZKVSG-A	RAS-18ZKVSG-A
OUTDOOR UNIT		RAS-07ZAVSG-A	RAS-10ZAVSG-A	RAS-13ZAVSG-A	RAS-16ZAVSG-A	RAS-18ZAVSG-A
Cooling Capacity -Rated	kW	2.00	2.50	3.50	4.20	5.00
Cooling Capacity -Range	kW	0.80 - 2.80	.80 - 3.60	.80 - 4.20	.90 - 5.00	1.10 - 5.70
Power input rated(min-max)	kW	0.51 (0.19 - 0.84)	0.55 (0.2 - 1.0)	0.80 (0.24 - 1.18)	1.24 (0.32 - 1.90)	1.34 (0.38 - 1.95)
Operating current (min-max)	A	2.74 (1.02 - 4.19)	2.90 (1.25 - 4.90)	3.90 (1.27 - 5.65)	6.30 (1.91 - 9.10)	6.60 (2.25 - 9.35)
EER (rated min-max)		3.92 (4.21 - 3.33)	4.55 (5.25 - 3.60)	4.38 (4.58 - 3.56)	3.39 (4.06 - 2.63)	3.73 (3.95 - 2.92)
AEER		3.90	4.50	4.30	3.70	3.70
Heating Capacity -Rated	kW	2.50	3.20	4.00	5.40	5.60
Heating Capacity -Range	kW	0.70 - 4. 00	.90 - 4.80	.90- 5.60	1.30 - 6.20	1.10 - 7.70
Power input rated(min-max)	kW	0.55 (0.16 - 1.28)	0.65 (0.18 - 1.25)	0.89 (0.20 - 1.50)	1.41 (0.24 - 1.80)	1.38 (0.25 - 1.70)
Operating current (min-max)	A	2.8 (0.91 - 6.2)	3.40 (1.14 - 6.00)	4.30 (1.04 - 6.95)	6.95 (1.44 - 8.70)	7.75 (1.48 - 8.20)
EER (rated min-max)		4.55 (4.38 - 3.13)	4.92 (5.56 - 3.84)	4.49 (6.00 - 3.73)	3.83 (5.83 - 3.33)	4.06 (5.60 - 3.59)
AEER		4.40	4.90	4.40	3.80	4.00
INDOOR UNIT						
Airflow Volume (High/Mid/Low)	l/s	230/167/108	213/125/ 91	228/155/100	236/155/100	230/167/108
Moisture removal	l/hr	.80	1.30	1.80	2.80	
Dimensions (HXWxD)	mm	293 x 800 x 226				
Net Weight	kg	9		10		3.20
Sound Power	dB	55		58	60	320 x 1053 x 245
OUTDOOR UNIT						14
Dimension (HXWXD)	mm	530 x 660 x 240	550 x 780 x 290			58
Net Weight	kg	22	26	30		34
Cooling Operating range	°C	-10 ~ 46				
Heating Operating range	°C	-15 ~ 24				
Sound Power -Cooling high	dB	61	64	65		67
PIPESIZE						
Liquid Side	(mm)	6.35				
Gas Side	(mm)	9.52			12.7	
Maximum Piping Length	(m)	15	20			
Maximum Piping Height Diff	(m)	12				
Chargeless Length	(m)	15				
Compressor type		Twin Rotary				
Power Supply	V/ph/Hz	220-240V/1Ph/50Hz				

INDOOR UNIT		RAS-22ZKVSG-A	RAS-24ZKVSG-A
OUTDOOR UNIT		RAS-22ZAVSG-A	RAS-24ZAVSG-A
Cooling Capacity -Rated	kW	6.00	7.10
Cooling Capacity -Range	kW	2.20 - 7.50	2.20 - 8.20
Power input rated(min-max)	kW	1.75 (0.27 - 2.10)	1.88 (0.40 - 2.30)
Operating current (min-max)	A	8.10 (2.08 - 10.0)	8.70 (2.29 - 10.65)
EER (rated min-max)		3.53 (4.44 - 3.10)	3.78 (4.50 - 3.39)
AEER		3.70	3.70
Heating Capacity -Rated	kW	6.90	8.00
Heating Capacity -Range	kW	1.70 - 8.50	1.70 - 9.00
Power input rated(min-max)	kW	1.75 (0.27 - 2.10)	2.00 (0.33 - 2.20)
Operating current (min-max)	A	8.35 (1.59 - 9.95)	9.25 (1.90 - 10.20)
COP (rated min-max)		3.94 (5.93 - 3.71)	4.00 (5.30 - 3.95)
SCOP		3.70	3.90
INDOOR UNIT			
Airflow Volume (High/Mid/Low)	l/s	338/ 263/205	388/311/205
Moisture removal	l/hr	3.50	4.00
Dimensions (HXWxD)	mm	320 x 1050 x 250	
Net Weight	kg	14	
Sound Power	dB	59	64
OUTDOOR UNIT			
Dimension (HXWXD)	mm	630 x 800 x 300	630 x 800 x 300
Net Weight	kg	35	35
Cooling Operating range	°C	-10 ~ 46	
Heating Operating range	°C	-15 ~ 24	
Sound Power -Cooling high	dB	56	55
PIPESIZE			
Liquid Side	(mm)	6.35	
Gas Side	(mm)	12.7	
Maximum Piping Length	(m)	25	25
Maximum Piping Height Diff	(m)	12	
Chargeless Length	(m)	15	
Compressor type		Twin Rotary	
Power Supply	V/ph/Hz	220-240V/1Ph/50Hz	



SHORAI EDGE

Toshiba is committed in improving its products to ensure the highest quality and reliability standards, and to meet local regulations and market requirements.

Product specification in this Brochure are only indicative and are subject to change. These are not intended to be used in place of the engineering or installation databook / manual.
All specification and features are subject to change without prior notice.
All images provided in this catalogue are used for illustration purpose only.

Cooling and heating capacities mentioned are at standard operating conditions.

10-Year waranty on residential applications only.



Residential Warranty

Catalogue Part Number: 01052025
Date: May 2025

Equipment rates in accordance with GEMS 2019 Determination

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