TOSHIBA
HEAT PUMPS
Think Toshiba. Think reliability.

SHORAI

EDGE

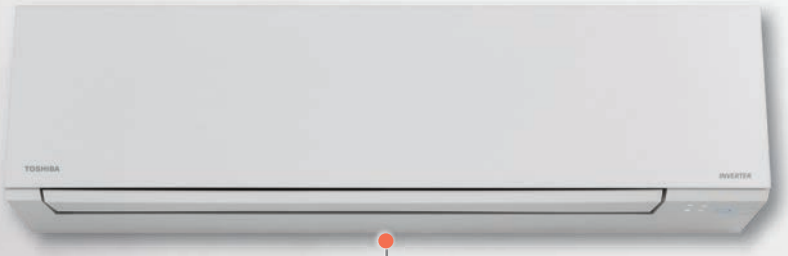
Ultra-Pure Filter

Air Ionizer

HADA Care

The Smart Choice

Treat yourself to Japanese quality



SHORAI

EDGE

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

Design and Reliability

Innovation, efficiency, high reliability, energy savings – These are powerful values at the heart of everything we do at Toshiba. For over 50 years, Toshiba has been providing its customers with the precision and expertise of Japanese Quality.

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 significantly reducing the risk of incidental noise. Toshiba's Inverter allows SHORAI Edge to regulate heating and cooling capacity at all times, by adjusting the compressor speed.

Innovation well being

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.

Feeling of Freshness
Built in Air-Ionizer

In forests, waterfalls, lakes and streams, negative ions make the air fabulously fresh, clean and relaxing. The exceptional atmosphere is emulated in spas and health clubs. Now you can enjoy this magical ambience in your own home through the Air-Ionizer

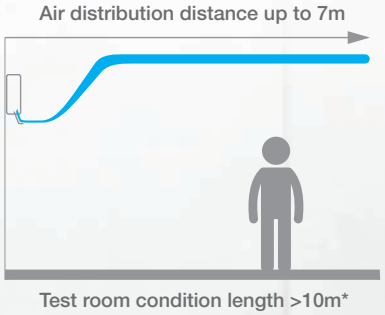
Self-Cleaning

Reduces Moisture.
Reduces mould formation.
Fan will turn off after 30 mins of unit shutdown.

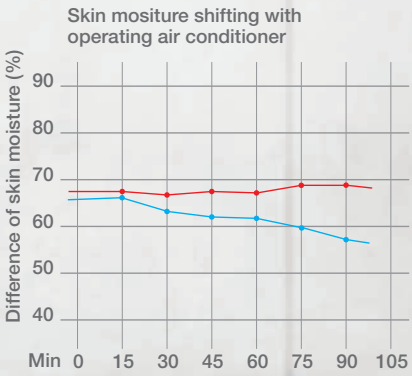
The fan operation after shut down helps dry water droplets to keep the coils dry and clean

HADA Care Flow
(cooling mode)

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

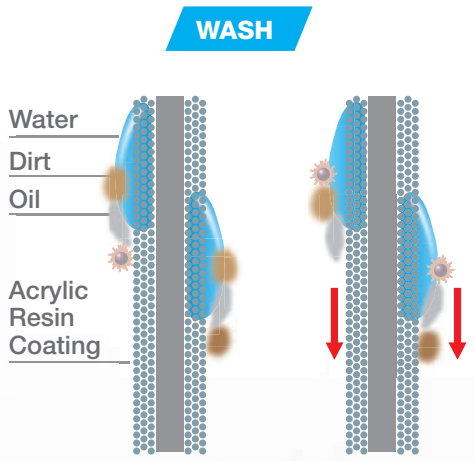


Toshiba HADA Care mode makes stressfree condition for beauty skin.



HADA Care AC operation
Normal AC operation

Magic and easy



Reduces water and oil formation and prevents dust sticking to the coil units

Magic Coil acrylic resin coated

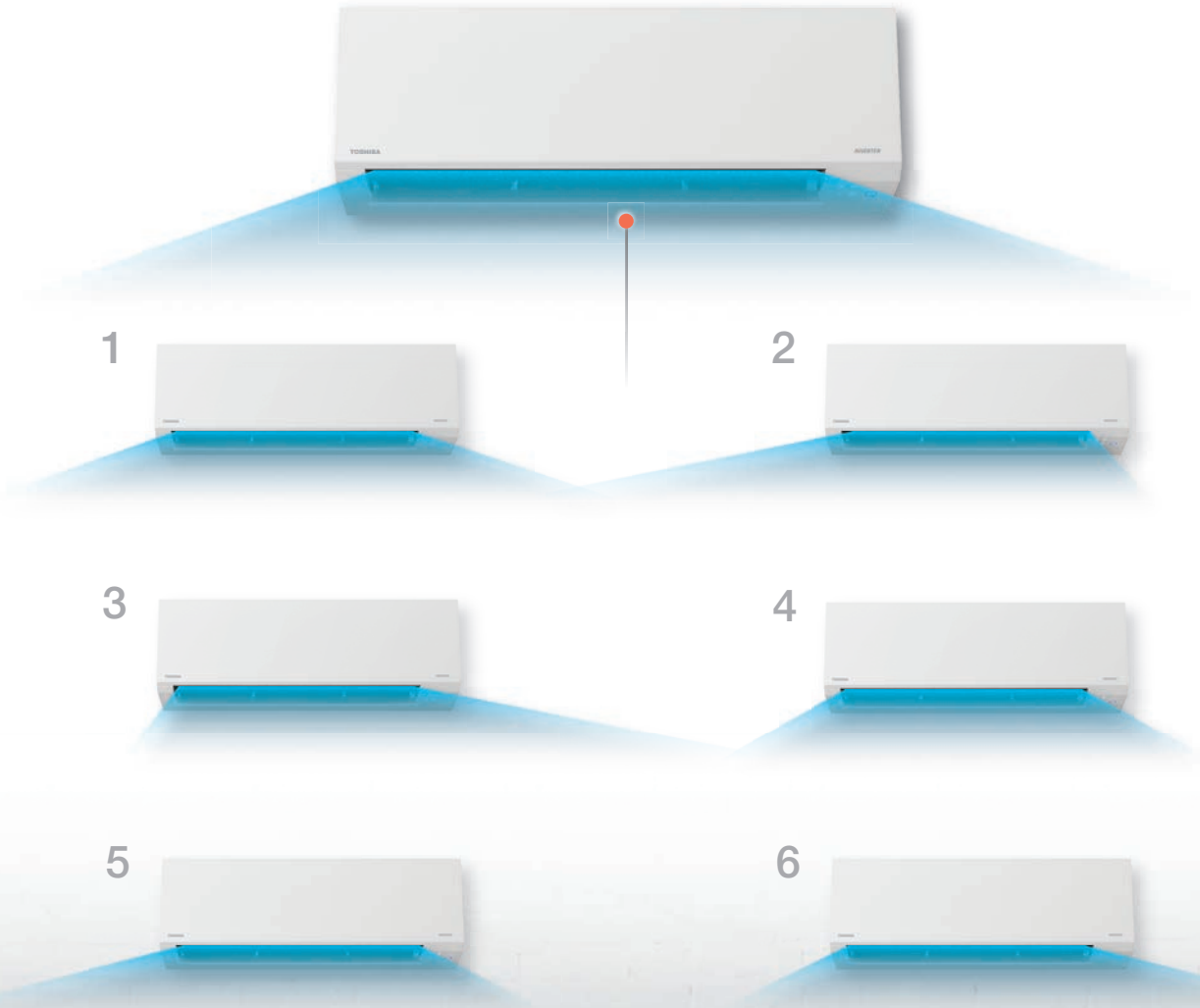
Reduces water, oil formation and prevents dust from sticking to the coil of the unit.

Easy Maintenance

All components are designed for easy maintenance by service personnel.

- Easy to remove drain pan (3 screws)
- Easy to remove L/R louvers (2 screws)
- Easy to remove FCU Fan

Improved comfort



3D Airflow

Improved comfort by distributing powerful and stable air volume in 6 unique airflow patterns. (RAS-18 to RAS-24)

6 Airflow patterns

Cooled air flows throughout the room, with highly efficient louver directions.

IR Remote and Smart APP

HADA Care

Set louver position to generate indirect air flow to user, 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 greater comfort (only sizes 18. 22 & 24).

Silent Operation (outdoor unit)

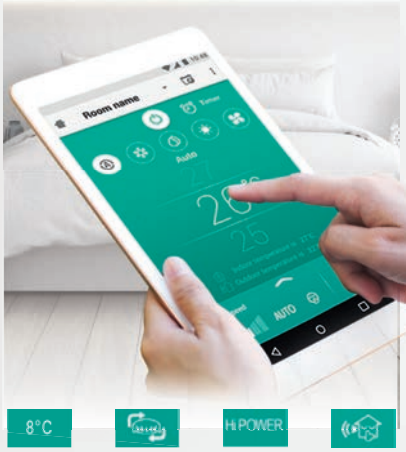
The unique noise reduction function of the outdoor unit minimizes disruption to the neighbourhood.

Quiet mode (indoor unit)

Press FAN button to adjust speed and reach Quiet Mode to operate at low 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.



Smart App

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 while you are on the move, allowing you to adapt your comfort to lifestyle!

* Optional Extra

SHORAI Performance Data

TOSHIBA R32 REFRIGERANT

Indoor			RAS-07E2KVSG-A	RAS-10E2KVSG-A	RAS-13E2KVSG-A	RAS-16E2KVSG-A	RAS-18E2KVSG-A	RAS-22E2KVSG-A	RAS-24E2KVSG-A
Outdoor			RAS-07E2AVSG-A	RAS-10E2AVSG-A	RAS-13E2AVSG-A	RAS-16E2AVSG-A	RAS-18E2AVSG-A	RAS-22E2AVSG-A	RAS-24E2AVSG-A
Cooling Capacity - Rated	CO	kW	2.00	2.50	3.50	4.20	5.00	6.00	7.10
Cooling Capacity - Range	CO	kW	0.80 - 2.80	0.80 - 3.60	0.80 - 4.20	0.80 - 5.00	1.10 - 6.50	1.50 - 7.50	1.50 - 8.20
Power input [rated (min - max)]	CO	kW	0.53 (0.19 - 0.84)	0.60 (0.19 - 1.07)	0.85 (0.22 - 1.13)	1.13 (0.25 - 1.56)	1.30 (0.24 - 2.10)	1.57 (0.28 - 2.10)	2.0 (0.30 - 2.60)
Operating current [rated (min - max)]	CO	A	2.75 (1.02 - 4.19)	3.05 (1.02 - 5.22)	4.75 (1.35 - 5.50)	5.85 (1.47 - 7.30)	6.60 (1.52 - 10.40)	7.75 (1.68 - 9.75)	9.65 (1.80 - 12.70)
AEER	CO		3.81	4.21	3.98	3.77	3.83	3.77	3.41
Heating Capacity - Rated	RC	kW	2.50	3.20	3.70	5.40	5.80	6.90	8.00
Heating Capacity - Range	RC	kW	0.70 - 4.00	0.90 - 4.80	0.90 - 5.60	1.30 - 6.20	1.00 - 7.70	1.00 - 8.50	1.70 - 9.20
Power input [rated (min - max)]	RC	kW	0.55 (0.17 - 1.28)	0.73 (0.18 - 1.58)	0.82 (0.19 - 1.54)	1.43 (0.24 - 1.92)	1.40 (0.19 - 2.25)	1.69 (0.22 - 2.34)	2.07 (0.30 - 2.40)
Operating current [rated (min - max)]	RC	A	2.80 (0.91 - 6.20)	3.65 (0.96 - 7.30)	4.65 (1.14 - 7.30)	6.90 (1.44 - 9.25)	7.00 (1.15 - 10.40)	8.25 (1.37 - 11.25)	9.97 (1.80 - 11.75)
ACOP	RC		4.31	4.47	4.38	3.71	4.05	3.91	3.71
Indoor Unit									
Airflow Volume (High/Mid/Low)	CO	m³/hr	830/600/390	770/450/300	820/560/360	850/560/360	1120/900/730	1220/950/740	1370/1120/740
Mositure removal		l/hr	0.80	1.30	1.80	2.80	3.20	3.50	4.00
Dimension (WxLxH)		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
Net Weight		kg	9	10	10	10	14	14	14
Indoor Noise (H/M+/M/L+/L/Quite) (Cooling)		(dB)	42/37/33/29/26/25	42/39/33/29/26/25	45/41/37/33/30/29	47/44/40/36/32/31	45/43/40/37/34/32	46/44/41/38/35/33	49/47/44/41/36/34
Indoor Noise (H/M+/M/L+/L/Quite) (Heating)		(dB)	42/38/34/30/26/25	42/39/33/29/26/25	45/41/38/33/31/30	48/45/41/37/33/32	46/43/41/37/34/32	46/44/41/38/35/33	50/46/43/38/35/34
Outdoor Unit									
Dimension (WxLxH)		mm	240 x 660 x 530	290 x 780 x 550	290 x 780 x 550	290 x 780 x 550	290 x 780 x 550	300 x 800 x 630	300 x 800 x 630
Net Weight		kg	22	28	34	34	34	41	41
Cooling Operating range (Outside)	CO	◦C	`-10 ~ 46	`-10 ~ 46	`-10 ~ 46	`-10 ~ 46	`-10 ~ 46	`-10 ~ 46	`-10 ~ 46
Heating Operating range	RC	◦C	`-15 ~ 24	`-15 ~ 24	`-15 ~ 24	`-15 ~ 24	`-15 ~ 24	`-15 ~ 24	`-15 ~ 24
Outdoor Noise (Rated/Quite) (Cooling)		(dB)	47/45	48/46	49/47	50/48	53/51	55/53	55/53
Outdoor Noise (Rated/Quite) (Heating)		(dB)	50/48	50/48	51/49	52/50	53/51	54/52	55/53
Pipe Size									
Liquid Side		(mm)	6.35	6.35	6.35	6.35	6.35	6.35	6.35
Gas Side		(mm)	9.52	9.52	9.52	12.70	12.70	12.70	12.70
Maximum Piping Length		(m)	15	20	20	20	20	25	25
Maximum Piping Height difference		(m)	12	12	12	12	12	15	15
Chargeless Length		(m)	15	15	15	15	15	15	15
Compressor type			Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Power Supply		V/ph/Hz	220-240V/1Ph/50Hz	220-240V/1Ph/50Hz	220-240V/1Ph/50Hz	220-240V/1Ph/50Hz	220-240V/1Ph/50Hz	220-240V/1Ph/50Hz	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.

Date: August 2021

Equipment rates in accordance with GEMS 2019 Determination

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