

TOSHIBA

AURORA

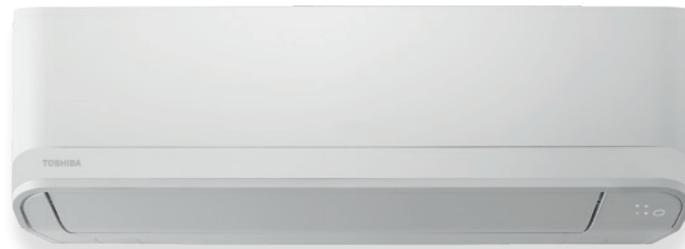
Nordic Series
new air source heat pump



AURORA

COMFORT OF LIVING

AURORA is a silent and cost-effective air source heat pump that makes use of Toshiba's proven inverter and compressor technology. R32 refrigerant ensures A++ / A++ energy class in both heating and cooling.

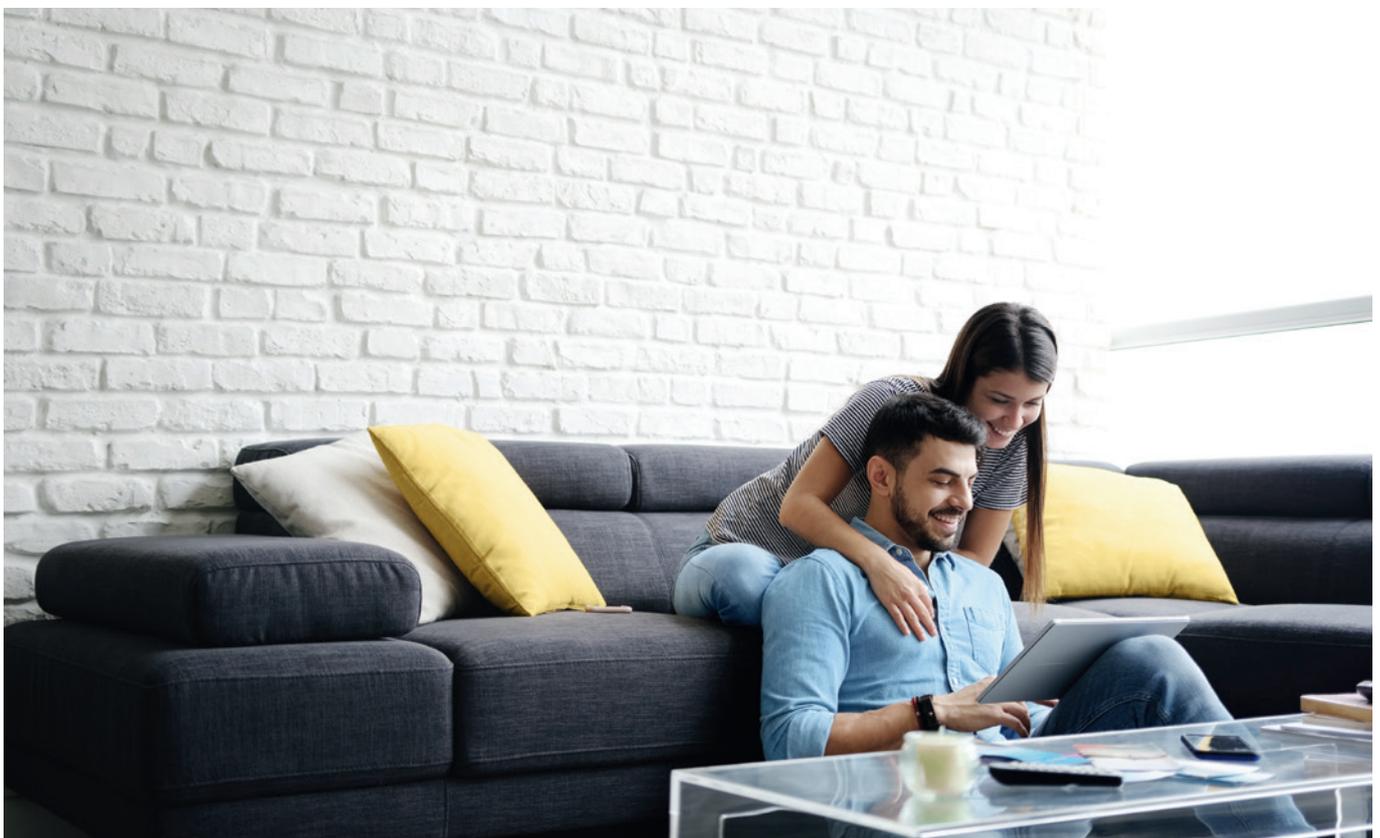


Designed especially for you

A high-quality and reliable air source heat pump offering excellent power and efficiency all the way down to 20°C.

Year-round comfort of living

Besides providing excellent heating performance in winter, the Aurora air source heat pump is designed to provide equally excellent cooling performance in summer.



LIVING COMFORT AND EASE

Design and reliability

Innovation, efficiency, high reliability, energy saving, and respect for the environment... These powerful values have always been a matter of the heart for Toshiba.

For more than 50 years, Toshiba has been offering its customers guaranteed Japanese precision, reliability, and quality.



Toshiba's innovative inverter technology

Toshiba's innovative rotary compressor technology combines exemplary performance with excellent reliability. Through minimisation of temperature fluctuations, efficiency is increased and occasional noise level peaks are eliminated.

Toshiba's inverter technology allows continuous heating and cooling by adjustment of the compressor speed according to the power demand.



BETTER SOLUTIONS FOR A BETTER WORLD

INVERTER TECHNOLOGY DESIGNED BY TOSHIBA

SCOP up to 4.6	SEER up to 6.5	Heating mode all the way down to -20°C
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Sound pressure level, indoor unit
20 dB(A) 



At Toshiba, we have always made sure that our projects and objectives are designed with a better future in mind. Now more than ever, attitudes are changing and the technological revolution carries on. Instead of mere drifting or adapting to the future, we are creating it. The new generation of Toshiba air source heat pumps uses the R32 refrigerant with a clearly lower GWP value.



Silence EVERYWHERE



Silent mode

Unique sound level function

With Aurora's unique Silent mode, the user can lower the sound level of the outdoor unit to ensure that the neighbours can sleep comfortably at night as well. After pressing a button on the remote controller, this function lowers the sound pressure level of the outdoor units by 3dB(A), to 42dB(A).

INTELLIGENT AIR SOURCE HEAT PUMP

Ensure your comfort
while at home or away



Customize your comfort by finding the perfect level of cooling and heating for your family, anytime, anywhere. When at home, replace your infrared controller with Toshiba's

smart application. This allows easy communication with your air source heat pump even while away from home, bringing perfect comfort to your life!



Take full control of your comfort using the Toshiba Home AC Control application. It is easy to use on your smartphone or tablet, both home and away.

Would you like to enjoy the optimal temperature as soon as you get home? Use the app from anywhere to quickly and easily check the situation or temperature or to make adjustments for improved comfort.

8°C Frost protection heating function

Hi-POWER Hi-power function

Fireplace function

Silent function lowers the outdoor unit's sound level

COMPLETE CONTROL WITHIN THE REACH OF YOUR FINGER



Optimise your energy savings and maximise your comfort by convenient adjustment of the temperature of your home with a Toshiba air source heat pump.

WIRELESS CONTROLLER FOR EFFORTLESS CONTROL

Toshiba controller functions

Main mode
Choose the main mode:
Cooling, Drying,
Fan Only, Heating, or Auto.

ON / OFF

Swing & Fix air deflector
Choose the air control method: "Fix" to select one of the 12 positions or "Swing" air control for automatic movement between all of the positions.

OFF timer
The Toshiba remote controller offers a wonderfully convenient automatic OFF function programmable for 0.5, 1.0, 1.5...9, 10, 11, and 12 hours.

Temperature adjustment

5 selectable blower speeds + auto
Choose the preferred blower speed from among five speeds or select the automatic blower speed mode and let the air conditioner choose the speed most suitable for you.

Silent function
The indoor unit operates at the lowest sound level possible. The function adjusts the device to an ultra-low blower speed, which lowers the sound level by 3dB(A) as compared to the lowest blower speed.

Hi POWER
Choose "Hi POWER" to reach the set temperature as quickly as possible.
Blower speed is increased.

Manual defrost
Under certain extreme conditions, defrosting can be performed manually at will by pressing the Hi-POWER button for five seconds.

Silent outdoor
Toshiba's unique outdoor unit noise level suppression function to the delight of your neighbourhood.

ECO
Achieve up to 25% energy savings as compared to standard settings without compromising on comfort.

Magic coil®

Manual defrost function

Toshiba's unique manual defrost function ensures functionality of the outdoor unit even in extreme conditions. You can de-ice the unit at the touch of a button.

Clean and fresh air

AURORA is equipped with Magic Coil®, which helps prevent water and dust from adhering to the heat exchanger. When the air source heat pump is turned OFF, the blower system continues to operate at a low speed, keeping the heat exchanger clean and dry. This maintains high energy efficiency of the air conditioner.

TOSHIBA

AURORA Technical specifications

Outdoor unit	RAS-25J2AVG-ND		RAS-35J2AVG-ND
Indoor unit	RAS-25J2KVG-ND		RAS-35J2KVG-ND
Heating capacity	kW	3.2	4.2
Heating capacity range (min. - max.)	kW	1.1 - 5.0	1.3 - 5.6
Input power (min. - rated - max.)	kW H	0.21 - 0.75 - 1.40	0.27 - 1.08 - 1.80
Pdesignh	kW	2.8	3.4
COP	W/W	5.24 - 4.27 - 3.57	4.81 - 3.89 - 3.11
SCOP		4.6	4.5
Energy class	H	A++	A+
Maximum heating capacity @ OAT -10°C	kW H	2.8	3.4
Maximum heating capacity @ OAT -15°C	kW H	2.3	2.9
Maximum heating capacity @ OAT -20°C	kW H	1.8	2.5
Cooling capacity	kW	2.5	3.5
Cooling capacity (min. - max.)	kW	1.20 - 3.20	1.4 - 4.1
Input power (min. - rated - max.)	kW C	0.27 - 0.60 - 0.92	0.34 - 1.05 - 1.25
Pdesignc	kW	2.5	3.5
EER	W/W	4.44 - 4.17 - 3.48	4.12 - 3.33 - 3.28
SEER		6.5	6.5
Energy class	C	A++	A++

AURORA Technical specifications, indoor unit

Indoor unit	RAS-25J2KVG-ND		RAS-35J2KVG-ND
Airflow (h)	m³/h - l/s H	730 - 200	770 - 210
Airflow (l)	m³/h - l/s H	300 - 80	300 - 80
Sound pressure level (h/l (q))	dB(A) H	43/24 (21)	45/24 (21)
Sound power level (h)	dB(A) H	58	60
Airflow (h)	m³/h - l/s C	700 - 190	730 - 200
Airflow (l)	m³/h - l/s C	260 - 70	280 - 75
Sound pressure level (h/l (q))	dB(A) C	41/24 (20)	43/24 (20)
Sound power level (h)	dB(A) C	56	58
Dimensions (hwxwd)	mm	293x798x230	293x798x230
Weight	kg	10	10

AURORA Technical specifications, outdoor unit

Outdoor unit	RAS-25J2AVG-ND		RAS-35J2AVG-ND
Airflow (max.)	m³/h - l/s H	1920 - 530	2040 - 600
Sound pressure level (night mode)	dB(A) H	49 (46/43)	50 (49/45)
Sound power level (h)	dB(A) H	64	65
Operating range	°C H	-20~24	-20~24
Airflow (max.)	m³/h - l/s C	1920 - 510	1980 - 600
Sound pressure level (night mode)	dB(A) C	48 (45/42)	49 (47/44)
Sound power level	dB(A) C	63	64
Operating range	°C C	-15~46	-15~46
Dimensions (hwxwd)	mm	550x780x290	550x780x290
Weight	kg	30	34
Compressor type		DC single Rotary	DC single Rotary
Flange connections (gas-liquid)		3/8" - 1/4"	3/8" - 1/4"
Minimum pipe length	m	2	2
Maximum pipe length	m	15	15
Maximum height difference	m	12	12
Pipe length without additional charge	m	15	15
Controller		WH-UC01NE	WH-UC01NE
Refrigerant charge (R32)	kg	0.67	0.80
Power supply	V-ph-Hz	220-240/1/50	220-240/1/50

C: Cooling mode
H: Heating mode



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Better Air Solutions