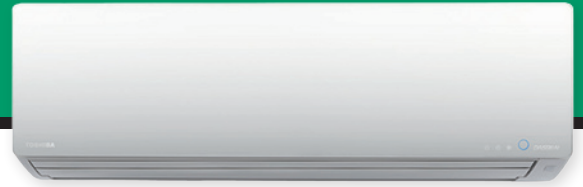




RAS-G2KVP-E **DAISEIKAI 8**



The **DAISEIKAI 8**, elegant design and higher standards in efficiency and comfort, maximize energy savings, and offer exceptional indoor air quality thanks to its exclusive filtration system.

Energy Class A+++ / A+++

Very high energy efficiency class, both in cooling and heating. Very low energy consumption in all conditions. Wide operating range.

Extremely silent

Less than 20dB(A) in silent mode.

Indoor air quality with double filtration system

The Plasma Ion Charger filtration system associated with self-cleaning coil provides a pure and healthy environment. The Ionizer System provides pure air by absorbing smoke and bad odors, this function can be activated anytime by pushing the "PURE" button on remote controller.

User friendly wireless remote control with weekly timer

One-Touch User Comfort parameter pre-set.
3D airflow control with vertical & horizontal motorized louvers: pre-set directions or automatic sweeping.
Weekly timer with 4 freely programmable settings per day and 7 different programs per week.
Capacity booster to reach comfort set point very fast.
ECO-Logic button to reduce energy consumption by 25%.
Power reduction button reduces the consumption up to 50% to prevent black-outs when other appliances are used.
8°C button for anti-frost during holiday periods.
Comfort Sleep for extra silence mode.

MAX EFFICIENCY



SEER **9.10**
SCOP **5.20**

CAPACITY



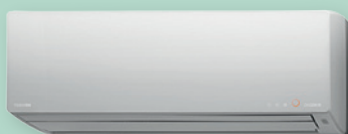
2.5kW > 4.5kW

OPERATION



-15°C > +46°C

- > **Elegant & modern design** with discreet dimming lights changing colors with cooling and heating modes
- > **100% Toshiba quality with DC Twin Rotary 8 inverter compressor**
- > **Wifi control** compatible
- > **Exceptional indoor air quality**
Impurities are ionized by the plasma ion charger and absorbed by heat exchanger



INDOOR UNITS

RAS-10G2KVP-E
RAS-13G2KVP-E
RAS-16G2KVP-E



OUTDOOR UNITS

RAS-10G2AVP-E
RAS-13G2AVP-E
RAS-16G2AVP-E



REMOTE CONTROLS

Delivered with the unit

DAISEIKAI 8 Performance data

Outdoor unit		RAS-10G2AVP-E	RAS-13G2AVP-E	RAS-16G2AVP-E
Indoor unit		RAS-10G2KVP-E	RAS-13G2KVP-E	RAS-16G2KVP-E
Cooling capacity	kW	2.50	3.50	4.50
Cooling range (min. - max.)	kW	0.55 - 3.5	0.63 - 4.1	0.63 - 5.0
Power input (min. - rated - max.)	kW	C 0.11 - 0.485 - 0.9	0.17 - 0.82 - 1.20	0.17 - 1.30 - 1.75
P _{designc}	kW	2.5	3.5	4.5
EER	W/W	5.15	4.27	3.46
SEER		9.10	8.90	7.30
Energy efficiency class		C A+++	A+++	A++
Seasonal electricity consumption	kWh/a	C 96	138	216
Annual energy consumption	kWh	243	410	650
Heating capacity	kW	3.20	4.00	5.50
Heating range (min. - max.)	kW	0.45 - 5.8	0.65 - 6.3	0.65 - 6.8
Power input (min. - rated - max.)	kW	H 0.09 - 0.58 - 1.65	0.14 - 0.80 - 1.77	0.14 - 1.37 - 2.05
P _{designh}	kW	3.0	3.6	4.5
COP	W/W	5.52	5.00	4.01
SCOP		5.20	5.10	4.60
Energy efficiency class		H A+++	A+++	A++
Seasonal electricity consumption	kWh/a	H 808	988	1369

DAISEIKAI 8 Physical data indoor

Indoor unit		RAS-10G2KVP-E	RAS-13G2KVP-E	RAS-16G2KVP-E
Air flow (h)	m ³ /h - l/s	C 648 - 180	672 - 187	696 - 193
Air flow (l)	m ³ /h - l/s	C 288 - 80	300 - 83	318 - 88
Sound pressure level (h/l (a))	dB(A)	C 42/24 (20)	43/25 (21)	44/26 (23)
Sound power level (h)	dB(A)	C 57	58	59
Air flow (h)	m ³ /h - l/s	H 678 - 188	726 - 202	744 - 207
Air flow (l)	m ³ /h - l/s	H 306 - 85	318 - 88	336 - 93
Sound pressure level (h/l (a))	dB(A)	H 43/24 (20)	44/25 (21)	45/26 (23)
Sound power level (h)	dB(A)	H 58	59	60
Dimensions (h _x w _x d)	mm	293x831x270	293x831x270	293x831x270
Weight	kg	14	14	14

DAISEIKAI 8 Physical data outdoor

Outdoor unit		RAS-10G2AVP-E	RAS-13G2AVP-E	RAS-16G2AVP-E
Air flow (max)	m ³ /h - l/s	C 1872 - 520	2160 - 600	2544 - 707
Sound pressure level	dB(A)	C 46	48	49
Sound power level	dB(A)	C 61	63	64
Operating range	°C	C -10~46	-10~46	-10~46
Air flow (max)	m ³ /h - l/s	H 1872 - 520	2160 - 600	2544 - 707
Sound pressure level (h)	dB(A)	H 47	49	50
Sound power level (h)	dB(A)	H 62	64	65
Operating range	°C	H -15~24	-15~24	-15~24
Dimensions (h _x w _x d)	mm	630x800x300	630x800x300	630x800x300
Weight	kg	42	42	42
Compressor type		DC Twin Rotary	DC Twin Rotary	DC Twin Rotary
Flare connections (gas-liquid)		3/8" - 1/4"	3/8" - 1/4"	1/2" - 1/4"
Minimum pipe length	m	2	2	2
Maximum pipe length	m	25	25	25
Maximum height difference	m	10	10	10
Chargeless pipe length	m	15	15	15
Refrigerant charge (R410A)	kg	1.05	1.05	1.05
Remote		WH-TA01EE	WH-TA01EE	WH-TA01EE
Power supply	V-ph-Hz	220/240-1-50, 220/230-1-60	220/240-1-50, 220/230-1-60	220/240-1-50, 220/230-1-60

C: cooling mode
H: heating mode