

RAS- PKVPG-E  
**DAISEIKAI 9**



The exclusive New Daiseikai 9 is the market benchmark for high efficiency solution. Its new elegant design and higher standards in efficiency and comfort, maximize energy savings, and offer exceptional indoor air quality thanks to its exclusive filtration system.

**High 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.
- 8°C button for anti-frost during holiday periods.
- Comfort Sleep for extra silence mode.
- 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.
- Outdoor unit noise reduction at night.
- Fire place mode with constant fan speed to improve comfort in all conditions.



MAX EFFICIENCY



SEER 10.5  
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 inverter compressor**

> **Wifi control ready** with Wifi module accessory integrated in large High wall chassis

> **Exceptional indoor air quality** Impurities are ionized by the plasma ion charger and absorbed by heat exchanger



**INDOOR UNITS**

RAS- 10PKVPG-E  
RAS- 13PKVPG-E  
RAS- 16PKVPG-E



**OUTDOOR UNITS**

RAS- 10PAVPG-E  
RAS- 13PAVPG-E  
RAS- 16PAVPG-E



**REMOTE CONTROLS**

Delivered with the unit

### DAISEIKAI 9 Performance data

Outdoor unit	Europe		RAS-10PAVPG-E	RAS-13PAVPG-E	RAS-16PAVPG-E
Indoor unit			RAS-10PKVPG-E	RAS-13PKVPG-E	RAS-16PKVPG-E
<b>Cooling capacity</b>	<b>kW</b>		<b>2,5</b>	<b>3,5</b>	<b>4,5</b>
Cooling range (min. - max.)	kW		(0.80 - 3.50)	(0.90 - 4.10)	(0.90 - 5.10)
Power input (min. -rated - max.)	kW	C	(0.15 - 0.45 - 0.82)	(0.18 - 0.75 - 1.00)	(0.18 - 1.08 - 1.38)
Pdesignc	kW		2.5	3.5	4.5
EER	W/W		5.56	4.67	4.17
SEER			10.6	9.5	8.50
Energy efficiency class		C	A+++	A+++	A+++
Seasonal electricity consumption	kWh/a	C	83	129	185
<b>Heating capacity</b>	<b>kW</b>		<b>3.2</b>	<b>4.0</b>	<b>4.5</b>
Heating range (min. - max.)	kW		(0.70 - 5.80)	(0.80 - 6.30)	(0.80 - 6.80)
Power input (min. -rated - max.)	kW	H	(0.15 - 0.60 - 1.55)	(0.17 - 0.80 - 2.00)	(0.17 - 1.37 - 2.05)
Pdesignh (Tbiv-10°C)	kW		3.0	3.6	4.5
COP	W/W		5.33	5.0	4.01
SCOP			5.2	5.1	4.6
Energy efficiency class		H	A+++	A+++	A++
Seasonal electricity consumption	kWh/a	H	807	988	1369

### DAISEIKAI 9 Physical data indoor

Indoor unit	Europe		RAS-10PAVPG-E	RAS-13PAVPG-E	RAS-16PAVPG-E
Air Flow (h)	m³/h - l/s	C	690 - 188	710 - 197	730 - 203
Air Flow (l)	m³/h - l/s	C	300 - 83	300 - 83	310 - 86
Sound pressure level (h/q)	dB(A)	C	43/20	44/20	45/22
Sound power level (h)	dB(A)	C	58	59	60
Air Flow (h)	m³/h - l/s	H	720 - 200	720 - 200	740 - 206
Air Flow (l)	m³/h - l/s	H	310 - 83	310 - 86	330 - 91
Sound pressure level (h/q)	dB(A)	H	44/20	45/20	46/22
Sound power level (h)	dB(A)	H	59	60	61
Dimensions (hwxwd)	mm		293 x 851 x 270	293 x 851 x 270	293 x 851 x 270
Weight	kg		14	14	14

### DAISEIKAI 9 Physical data outdoor

Outdoor unit	Europe		RAS-10PKVPG-E	RAS-13PKVPG-E	RAS-16PKVPG-E
Air Flow (max)	m³/h - l/s	C	2160 - 600	2160 - 600	2160 - 600
Sound pressure level (h)	dB(A)	C	46	48	49
Sound pressure level (Silent CDU#2)	dB(A)	C	43	43	44
Sound power level (h)	dB(A)	C	61	63	64
Sound power level (Silent CDU#2)	dB(A)	C	58	58	59
Operating range	°C	C	-15 ~ 46	-15 ~ 46	-15 ~ 46
Air Flow (max)	m³/h - l/s	H	2160 - 600	2160 - 600	2160 - 600
Sound pressure level (h)	dB(A)	H	47	50	50
Sound pressure level (Silent CDU#2)	dB(A)	H	42	45	45
Sound power level (h)	dB(A)	H	62	65	65
Sound power level (Silent CDU#2)	dB(A)	H	57	60	60
Operating range	°C	H	-15 ~ 24	-15 ~ 24	-15 ~ 24
Dimensions (hwxwd)	mm		630 x 800 x 300	630 x 800 x 300	630 x 800 x 300
Weight	kg		38	38	38
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
Remote controller			WH-TA01LE	WH-TA01LE	WH-TA01LE
Refrigerant charging(R32)	kg		1,0	1,0	1,0
Power supply	V-ph-Hz		220-240/1/50	220-240/1/50	220-240/1/50

C: cooling mode  
H: heating mode