



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 | | RAS-10PAVPG-E | RAS-13PAVPG-E | RAS-16PAVPG-E |
|------------------------------------|-----------|----------------------|----------------------|----------------------|
| Indoor unit | | RAS-10PKVPG-E | RAS-13PKVPG-E | RAS-16PKVPG-E |
| Cooling capacity | kW | 2.5 | 3.5 | 4.5 |
| Cooling range (min. - max.) | kW | (0.90 - 3.50) | (0.90 - 4.20) | (0.90 - 5.20) |
| Power input (min. -rated - max.) | kW | C (xx - 0.48 - xx) | (xx - 0.73 - xx) | (xx - 1.08 - xx) |
| Pdesignc | kW | 2.5 | 3.5 | 4.5 |
| EER | W/W | 5.21 | 4.55 | 4.17 |
| SEER | | 10.5 | 9.5 | 8.5 |
| Energy efficiency class | C | A+++ | A+++ | A+++ |
| Seasonal electricity consumption | kWh/a | C xx | xx | xx |
| Heating capacity | kW | 3.2 | 4.0 | 5.5 |
| Heating range (min. - max.) | kW | (0.70 - 6.00) | (0.80 - 6.50) | (0.80 - 7.00) |
| Power input (min. -rated - max.) | kW | H (xx - 0.59 - xx) | (xx - 0.80 - xx) | (xx - 1.37 - xx) |
| 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 xx | xx | xx |

DAISEIKAI 9 Physical data indoor

| Indoor unit | | RAS-B10BKVG-E | RAS-B13BKVG-E | RAS-B16BKVG-E |
|----------------------------|-------------------------|-----------------|-----------------|-----------------|
| Air flow (h) | m ³ /h - l/s | C 690 - 192 | 710 - 197 | 730 - 203 |
| Air flow (l) | m ³ /h - l/s | C 300 - 83 | 300 - 83 | 320 - 89 |
| Sound pressure level (h/l) | dB(A) | C 43/19 | 44/20 | 45/23 |
| Sound power level (h) | dB(A) | C 58 | 59 | 60 |
| Air flow (h) | m ³ /h - l/s | H 690 - 192 | 710 - 197 | 730 - 203 |
| Air flow (l) | m ³ /h - l/s | H 300 - 83 | 300 - 83 | 320 - 89 |
| Sound pressure level (h/l) | dB(A) | H 44/19 | 45/19 | 46/23 |
| Sound power level (h) | dB(A) | H 59 | 60 | 61 |
| Dimensions (hxwx dx) | 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 | | RAS-10BAVG-E1 | RAS-13BAVG-E1 | RAS-16BAVG-E |
|--------------------------------|-------------------------|-----------------|-----------------|-----------------|
| Air flow (max) | m ³ /h - l/s | C 2160 - 600 | 2160 - 600 | 2540 - 706 |
| Sound pressure level (h) | dB(A) | C 46 | 48 | 49 |
| Sound power level (h) | dB(A) | C 61 | 63 | 64 |
| Operating range | °C | C -15 ~ 46 | -15 ~ 46 | -15 ~ 46 |
| Air flow (max) | m ³ /h - l/s | H 2540 - 706 | 2540 - 706 | 2700 - 750 |
| Sound pressure level (h) | dB(A) | H 47 | 50 | 50 |
| Sound power level (h) | dB(A) | H 62 | 65 | 65 |
| Operating range | °C | H -15 ~ 24 | -15 ~ 24 | -15 ~ 24 |
| Dimensions (hxwx dx) | mm | 630 x 800 x 300 | 630 x 800 x 300 | 630 x 800 x 300 |
| Weight | kg | 43 | 43 | 43 |
| Compressor type | | DC Rotary | DC Rotary | DC Rotary |
| Flare connections (gas-liquid) | | 3/8" - 1/4" | 3/8" - 1/4" | 3/8" - 1/4" |
| Minimum pipe length | m | 2 | 2 | 2 |
| Maximum pipe length | m | 25 | 25 | 25 |
| Maximum height difference | m | 12 | 12 | 12 |
| 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