TOSHIBA

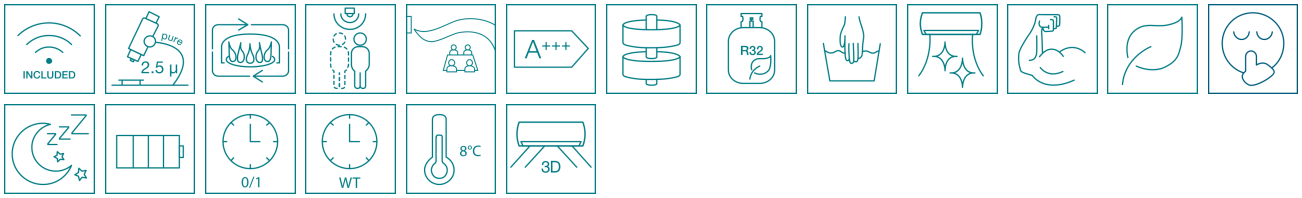



PREMIUM IN COMFORT AND EFFICIENCY

# Daiseikai 10

## Highlights

A+++ for cooling and heating
Dust filter, plasma ionizer and Ultra Pure filter
WiFi module integrated as standard
Energy Monitoring, HADA Careflow, Smart Sensing




DAISAIKAI 10 stands for innovative design, high efficiency and maximum comfort. Almost too good just for cooling or heating. Room air is moved and cleaned at the highest level.

## Product advantages

- Highest energy efficiency (A+++)
- Direct current hybrid inverter technology
- Particularly high efficiency in the partload range
- Whisper mode for indoor & outdoor unit
- WiFi adapter integrated as standard
- Draught-free comfort: 3D Airflow
- Intelligent air flow: HADA Careflow
- Motion detection through SMART SENSING

## Conserving resources

- ECO mode
- Air as energy source in heating mode

## Clean room air

- Washable dust filters that cover the entire heat exchanger
- "Magic Coil" coating on the heat exchanger fins
- Self-cleaning function dries the heat exchanger at the end of operation
- Highly effective Ultra Pure filter of particle class 2.5 µ
- Ozone air purifier with ionizer
- Optional active carbon catechin filter strips (Art. 818F0023)
- Optional IAQ filter strips (Art. 818F0036)

## Operation & features

- Conveniently operated design infrared remote control included
- Standard APP control via smartphone or tablet
- Smart speaker GOOGLE Assistant and AMAZON Alexa compatible
- Weekly timer with 4 freely programmable settings/day
- 28 time programs per week
- Automatic mode
- Heating adjustable up to +30°C
- Hi Power, Power Select
- QUIET operating mode for indoor unit
- SILENT operating mode for outdoor unit
- 3D airflow with 6 airflow patterns
- ECO operating mode
- 8°C frost protection function, Fireplace mode
- SMART SENSING with touch control and motion-guided control of the airflow
- Automatic restart after power failure adjustable

## WIFI special features

- One indoor unit can be operated by up to 5 users
- Up to 10 indoor units can be operated by one user
- Combine units in up to 3 groups/zones
- Indoor and outdoor temperature display
- Child lock
- Multilingual APP: DE, EN, CZ, HR, HU, SI, SK adjustable

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# Daiseikai 10 / SET

| Indoor unit<br>Outdoor unit | | | RAS-B10S4KVDG-E<br>RAS-10S4AVPG-E |
|---|---|---|---|
| Cooling capacity | kW | ❄ | 2,50 |
| Cooling range (min.-max.) | kW | ❄ | 0,60 - 3,50 |
| Power consumption (min./nom./max.) | kW | ❄ | 0,16/0,47/0,82 |
| Energy efficiency EER | W/W | ❄ | 5,32 |
| Energy efficiency SEER | | ❄ | 10,70 |
| Energy efficiency class | | ❄ | A+++ |
| Annual electricity consumption | kWh/a | ❄ | 82 |
| Outdoor temperature operating range (min.-max.) | °C | ❄ | -15/+46 |
| Heating capacity | kW | ☀ | 3,20 |
| Heating range (min.-max.) | kW | ☀ | 0,65 - 5,80 |
| Power consumption (min./nom./max.) | kW | ☀ | 0,16/0,60/1,50 |
| Pdesign h | kW | | 3,00 |
| Energy efficiency COP | W/W | ☀ | 5,33 |
| Energy efficiency SCOP | | ☀ | 5,30 |
| Energy efficiency class | | ☀ | A+++ |
| Annual electricity consumption | kWh/a | ☀ | 792 |
| Outdoor temperature operating range (min.-max.) | °C | ☀ | -20/+24 |

| Indoor unit | | | RAS-B10S4KVDG-E |
|---|---|---|---|
| Sound pressure level (low/med/high) | dB(A) | ❄ | 24/--/40 |
| Sound pressure level (low/med/high) | dB(A) | ☀ | 25/--/41 |
| Sound power level | dB(A) | ❄ | 53 |
| Sound power level | dB(A) | ☀ | 54 |
| Airflow | $m^3/h$ | | 300-700 |
| Condensate pipe diameter | mm | | VP13 |
| Dimensions (HxWxD) | mm | | 293 x 940 x 257 |
| Weight | kg | | 16 |

❄ Cooling ☀ Heating

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# Daiseikai 10 / SET

| Outdoor unit | | | RAS-10S4AVPG-E |
|---|---|---|---|
| Power supply | V/Ph+N/Hz | | 220-240/1+N/50 |
| Recommended fusing | A | | 10 |
| Recommended power supply line type | | | H07RN-F 3G1,5 |
| Communication line | | | H07RN-F 4G1,5 |
| Current consumption (nom.) | A | | 2,37 |
| Current consumption (max.) | A | | 2,37 |
| Sound power level | dB(A) | ❄ | 57 |
| Sound power level | dB(A) | ☀ | 58 |
| Sound pressure level (low/med/high) | dB(A) | ❄ | 40/--/44 |
| Sound pressure level (low/med/high) | dB(A) | ☀ | 41/--/45 |
| SWL (LW) Silent CDU #2 | dB(A) | ❄ | 53 |
| SWL (LW) Silent CDU #2 | dB(A) | ☀ | 54 |
| SPL (Lp) Silent CDU #2 | dB(A) | ❄ | 40 |
| SPL (Lp) Silent CDU #2 | dB(A) | ☀ | 41 |
| Suction gas pipe diameter | mm (inch) | | 9,5 (3/8) |
| Liquid pipe diameter | mm (inch) | | 6,3 (1/4) |
| Pipe length (min.) | m | | 2 |
| Pipe length (max.) | m | | 25 |
| Height difference (max.) | m | | 15 |
| Airflow | $m^3/h$ | | 2100 |
| Compressor type | | | DC Twin Rotary |
| Refrigerant | | | R32 |
| Refrigerant charge | kg | | 0,96 |
| Pre-charged up to | m | | 15 |
| Added refrigerant charge | g/m | | 20 |
| Dimensions (HxWxD) | mm | | 630 x 800 x 300 |
| Weight | kg | | 38 |

❄ Cooling ☀ Heating

The measuring conditions for this product can be found at https://www.toshiba-aircondition.com/en/measuring-conditions.html

| Accessories | Description |
|---|---|
| Fernbedienung | Infrared remote control included |
| RB-RXS33-E | Infrared remote control including weekly timer and 8°C frost protection function |
| 818F0023 | Active carbon-catechin filter strips |
| 818F0036 | IAQ filter strips |
| 818F0072 | Ultra-Fresh filter strips |
| TCB-IFCB5-PE | External on/off PCB, window contact module |
| TCB-PX100-PE | Casing for outdoor installation of window contact module for high-wall units |

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In order to make it easier for you to select the optimal product, you can find the description of the special TOSHIBA product functions for your model here:




**WiFi included:** WiFi adapter integrated.

**Swing mode:** Swing function of the louvers.



**Presence Sensor:** Energy saving depending on persons presence or absence in the room.




**Energy Label A+++: Energy efficiency class A+++** guarantees the lowest power consumption and the highest efficiency!




**R32:** Used refrigerant: R32.



**Ozone Air Purifier / Ionizer:** Ozone molecules act against smells, viruses, bacteria and allergens.



**Eco Mode:** Energy saving function.



**Comfort Sleep:** Gradual increase of temperature by 2 °C until morning.




**Timer:** Individual programming of on-/off times.




**8°C Antifreeze Protection:** Protects unoccupied rooms.




**Ultra Pure Filter:** Filtration of 94% of particles up to 2,5 µm.



**Fireplace Mode:** Recirculation mode distributes heat from other heating sources.



**Care Flow:** This function moves the air flow without drafts in the room.



**Twin rotary compressor:** Long-lasting, smoothly running and highest efficiency.



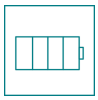
**Dust filter:** Washable filter against coarse contamination.



**HI POWER:** Particularly strong airflow for quickly reaching the requested temperature.



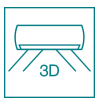
**Quiet Mode:** Whisper mode for the indoor unit.



**Power Selection:** Capacity regulation and therefore power savings of up to 25, 50 or 75%.




**Week Timer:** Up to four settings per day and seven per week.




**3D Airflow:** 3D air circulation in six individual possibilities.

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