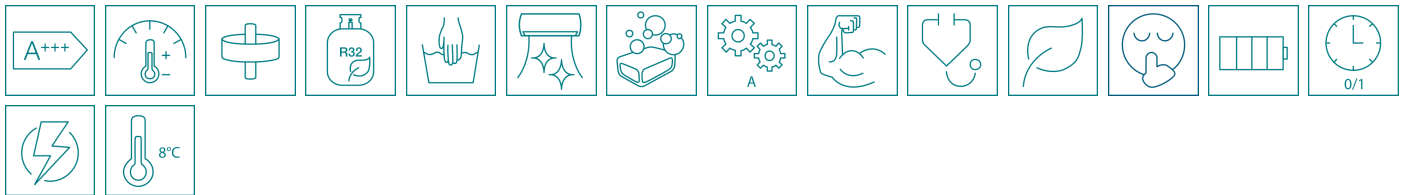


## TEXTILE DESIGN

# HAORI

### → Highlights

A designer unit with an innovative textile concept  
 A+++ for cooling & heating (10, 13)  
 Dust filter, ozone air purifier and ultra-pure filter  
 WiFi module integrated as standard



A designer high-wall unit of the upper mid-range with a versatile textile cover concept, maximum energy efficiency, and a WiFi module integrated as standard. For use with 1:1 single outdoor unit or in combination with other indoor units on a 2- to 5-room multi outdoor unit.

### → Product advantages

- A flexible and adaptable textile concept
- Two fabric covers are included, another four are optional
- Very high energy efficiency (A++ to A+++)
- Direct current hybrid inverter technology
- Exceptionally high efficiency in the partial load range
- Whisper operating mode for indoor and outdoor units
- WiFi adapter integrated as standard
- Draft-free comfort: 3D airflow
- Intelligent airflow: Hada Careflow

### → Resource-friendly

- ECO mode
- Air used as energy source during heating operation
- Low GWP refrigerant R32

### → Clean ambient air

- Washable dust filter that covers the entire heat exchanger
- "Magic coil" coating of the heat exchanger fins
- Self-cleaning function dries the heat exchanger after operation
- Highly-effective PM 2.5  $\mu$  ultra-pure filter
- Ozone air purifier with ionizer
- Optional active carbon-catechin filter strips (art. 818F0023)
- Optional IAQ filter strips (art. 818F0036)

### → Operation and features

- The infrared remote control included is designed for ease of use
- App control via smartphone or tablet as standard
- Smart speaker compatible with GOOGLE Assistant and AMAZON Alexa
- Weekly timer with 4 freely programmable settings per 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 air flow patterns
- ECO operating mode
- 8°C frost protection function, fireplace mode
- Automatic restart after power blackout

### → WiFi special features

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



## HAORI / SET

| Indoor unit                                     | RAS-B10N4KVRG-E |    |                |
|---|-----------------|----|----------------|
| Outdoor unit                                    | RAS-10J2AVSG-E1 |    |                |
| Cooling capacity                                | kW              | ❄️ | 2,50           |
| Cooling range (min.-max.)                       | kW              | ❄️ | 0,89 - 3,20    |
| Power consumption (min./nom./max.)              | kW              | ❄️ | 0,19/0,54/0,79 |
| Pdesign c                                       | kW              |    | 2,5            |
| Energy efficiency EER                           | W/W             | ❄️ | 4,63           |
| Energy efficiency SEER                          |                 | ❄️ | 8,60           |
| Energy efficiency class                         |                 | ❄️ | A+++           |
| Annual electricity consumption                  | kWh/a           | ❄️ | 102            |
| Outdoor temperature operating range (min.-max.) | °C              | ❄️ | -15/+46        |
| Heating capacity                                | kW              | 🔥  | 3,20           |
| Heating range (min.-max.)                       | kW              | 🔥  | 0,90 - 4,70    |
| Power consumption (min./nom./max.)              | kW              | 🔥  | 0,18/0,74/1,23 |
| Pdesign h                                       | kW              |    | 2,5            |
| Energy efficiency COP                           | W/W             | 🔥  | 4,32           |
| Energy efficiency SCOP                          |                 | 🔥  | 5,10           |
| Energy efficiency class                         |                 | 🔥  | A+++           |
| Annual electricity consumption                  | kWh/a           | 🔥  | 684            |
| Outdoor temperature operating range (min.-max.) | °C              | 🔥  | -15/+24        |

| Indoor unit                         | RAS-B10N4KVRG-E   |    |                 |
|-------------------------------------|-------------------|----|-----------------|
| Sound pressure level (low/med/high) | dB(A)             | ❄️ | 19/-/41         |
| Sound pressure level (low/med/high) | dB(A)             | 🔥  | 19/-/41         |
| Sound power level                   | dB(A)             | ❄️ | 54              |
| Sound power level                   | dB(A)             | 🔥  | 54              |
| Airflow                             | m <sup>3</sup> /h |    | 300-600         |
| Dimensions (HxWxD)                  | mm                |    | 300 x 987 x 210 |
| Weight                              | kg                |    | 11              |

❄️ Cooling 🔥 Heating



## HAORI / SET

| Outdoor unit                        | RAS-10J2AVSG-E1   |    |                 |
|-------------------------------------|-------------------|----|-----------------|
| Power supply                        | V/Ph+N/Hz         |    | 230/1/50        |
| Recommended fusing                  | A                 |    | 10              |
| Current consumption (nom.)          | A                 |    | 2,45            |
| Current consumption (max.)          | A                 |    | 3,65            |
| Sound pressure level (low/med/high) | dB(A)             | ❄️ | -/-/44          |
| Sound pressure level (low/med/high) | dB(A)             | 🔥  | -/-/46          |
| Sound power level                   | dB(A)             | ❄️ | -/-/57          |
| Sound power level                   | dB(A)             | 🔥  | -/-/59          |
| 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                 |    | 20              |
| Height difference (max.)            | m                 |    | 12              |
| Airflow                             | m <sup>3</sup> /h |    | 1890            |
| Compressor type                     |                   |    | Rotary          |
| Refrigerant                         |                   |    | R32             |
| Refrigerant charge                  | kg                |    | 0,55            |
| Pre-charged up to                   | m                 |    | 15              |
| Added refrigerant charge            | g/m               |    | 20              |
| Dimensions (HxWxD)                  | mm                |    | 550 x 780 x 290 |
| Weight                              | kg                |    | 26              |

❄️ 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-I4101-E    | Fabric cover Dark Gray enclosed  |
| RB-I4102-E    | Fabric cover Light Gray enclosed   |
| RB-I4103-E    | Fabric cover Bluish Gray   |
| RB-I4104-E    | Fabric cover Gray Beige  |
| RB-I4105-E    | Fabric cover Dark Brown  |
| RB-I4106-E    | Fabric cover Emerald Blue  |
| 818F0023      | Active carbon-catechin filter strips   |
| 818F0050      | Ultra-pure 2.5 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 |



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: 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:



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



**Hybrid inverter control:** Smooth capacity regulation.



**Rotary compressor:** Reliability and high efficiency.



**R32:** Used refrigerant: R32.



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



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



**Self-cleaning function:** Usage of condensate water for cleaning.



**Auto Mode:** Automatic selection between cooling and heating.



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



**Auto diagnostic:** Check of system for flawless operation.



**Eco Mode:** Energy saving function.



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



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



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



**Automatic Restart:** After a power blackout.



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

