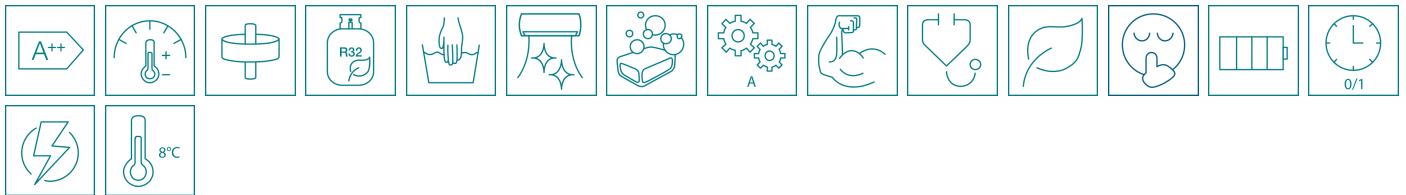# TOSHIBA

## 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 μ 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

HIGHER quality in LIFE

# TOSHIBA

# HAORI / SET

| Indoor unit | | | | RAS-B16N4KVRG-E |
| Outdoor unit | | | | RAS-16J2AVSG-E1 |
|---|---|---|---|---|
| Cooling capacity | kW | ❄ | | 4,60 |
| Cooling range (min.-max.) | kW | ❄ | | 1,20 - 5,30 |
| Power consumption (min./nom./max.) | kW | ❄ | | 0,34/1,35/1,72 |
| Pdesign c | kW | | | 4,6 |
| Energy efficiency EER | W/W | ❄ | | 3,41 |
| Energy efficiency SEER | | ❄ | | 7,80 |
| Energy efficiency class | | ❄ | | A++ |
| Annual electricity consumption | kWh/a | ❄ | | 206 |
| Outdoor temperature operating range (min.-max.) | °C | ❄ | | -15/+46 |
| Heating capacity | kW | ☀ | | 5,50 |
| Heating range (min.-max.) | kW | ☀ | | 1,10 - 6,30 |
| Power consumption (min./nom./max.) | kW | ☀ | | 0,30/1,52/1,90 |
| Pdesign h | kW | | | 4,0 |
| Energy efficiency COP | W/W | ☀ | | 3,62 |
| Energy efficiency SCOP | | ☀ | | 4,60 |
| Energy efficiency class | | ☀ | | A++ |
| Annual electricity consumption | kWh/a | ☀ | | 1214 |
| Outdoor temperature operating range (min.-max.) | °C | ☀ | | -15/+24 |

| Indoor unit | | | | RAS-B16N4KVRG-E |
|---|---|---|---|---|
| Sound pressure level (low/med/high) | dB(A) | ❄ | | 21/-/45 |
| Sound pressure level (low/med/high) | dB(A) | ☀ | | 22/-/45 |
| Sound power level | dB(A) | ❄ | | 58 |
| Sound power level | dB(A) | ☀ | | 58 |
| Airflow | m³/h | | | 340-730 |
| Dimensions (HxWxD) | mm | | | 300 x 987 x 210 |
| Weight | kg | | | 12 |

❄ Cooling  ☀ Heating

# TOSHIBA

# HAORI / SET

| Outdoor unit | | | RAS-16J2AVSG-E1 |
|---|---|---|---|
| Power supply | V/Ph+N/Hz | | 220-240/1/50 |
| Recommended fusing | A | | 10 |
| Communication line | | | H07RN-F 4G1,5 |
| Current consumption (nom.) | A | | 5,61 |
| Current consumption (max.) | A | | 7,55 |
| Sound pressure level (low/med/high) | dB(A) | ❄ | 48 |
| Sound pressure level (low/med/high) | dB(A) | ☀ | 50 |
| Sound power level | dB(A) | ❄ | 61 |
| Sound power level | dB(A) | ☀ | 63 |
| Suction gas pipe diameter | mm (inch) | | 12,7 (1/2) |
| 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 | m³/h | | 2040 |
| Compressor type | | | Rotary |
| Refrigerant | | | R32 |
| Refrigerant charge | kg | | 0,80 |
| Pre-charged up to | m | | 15 |
| Added refrigerant charge | g/m | | 20 |
| Dimensions (HxWxD) | mm | | 550 x 780 x 290 |
| Weight | kg | | 33 |

❄ 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 |

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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:

**Energy Label A++: Energy efficiency class A++** guarantees a very low power consumption.

**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.