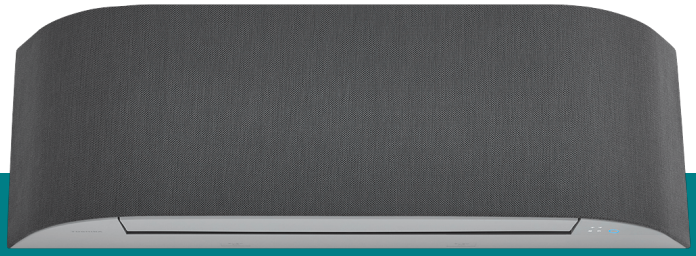
TOSHIBA

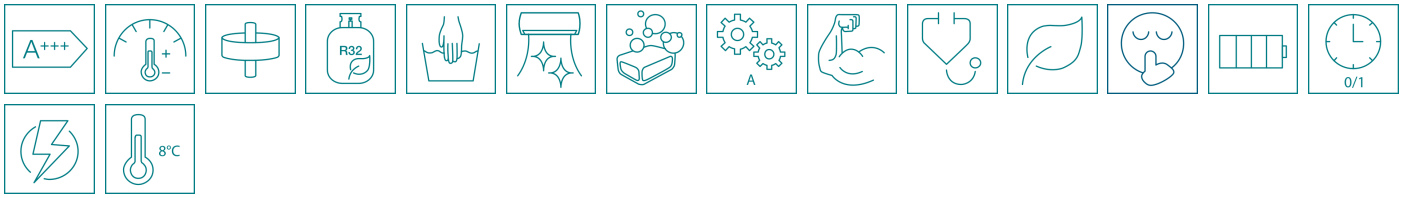


TEXTILE DESIGN

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

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

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HAORI / SET

Indoor unit Outdoor unit			RAS-B13N4KVRG-E RAS-13J2AVSG-E1
Cooling capacity	kW	❄	3,50
Cooling range (min.-max.)	kW	❄	1,00 - 4,10
Power consumption (min./nom./max.)	kW	❄	0,25/0,80/1,12
Pdesign c	kW		3,5
Energy efficiency EER	W/W	❄	4,38
Energy efficiency SEER		❄	8,70
Energy efficiency class		❄	A+++
Annual electricity consumption	kWh/a	❄	142
Outdoor temperature operating range (min.-max.)	°C	❄	-15/+46
Heating capacity	kW	☀	4,20
Heating range (min.-max.)	kW	☀	1,00 - 5,30
Power consumption (min./nom./max.)	kW	☀	0,20/1,08/1,55
Pdesign h	kW		3,2
Energy efficiency COP	W/W	☀	3,89
Energy efficiency SCOP		☀	5,10
Energy efficiency class		☀	A+++
Annual electricity consumption	kWh/a	☀	876
Outdoor temperature operating range (min.-max.)	°C	☀	-15/+24

Indoor unit			RAS-B13N4KVRG-E
Sound pressure level (low/med/high)	dB(A)	❄	19/-/43
Sound pressure level (low/med/high)	dB(A)	☀	19/-/43
Sound power level	dB(A)	❄	56
Sound power level	dB(A)	☀	56
Airflow	m^3/h		320-670
Condensate pipe diameter	mm		VP13
Dimensions (HxWxD)	mm		300 x 987 x 210
Weight	kg		11

❄ Cooling ☀ Heating

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Outdoor unit			RAS-13J2AVSG-E1
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		3,89
Current consumption (max.)	A		7,60
Sound power level	dB(A)	❄	59
Sound power level	dB(A)	☀	61
Sound pressure level (low/med/high)	dB(A)	❄	39/45/46
Sound pressure level (low/med/high)	dB(A)	☀	43/46/48
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^3/h		1950
Compressor type			DC 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		30

❄ 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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TOSHIBA Features - HAORI

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!



Rotary compressor: Reliability and high efficiency.



Dust filter: Washable filter against coarse contamination.



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



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



Eco Mode: Energy saving function.



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



Automatic Restart: After a power blackout.



Hybrid inverter control: Smooth capacity regulation.



R32: Used refrigerant: R32.



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



Auto Mode: Automatic selection between cooling and heating.



Auto diagnostic: Check of system for flawless operation.



Quiet Mode: Whisper mode for the indoor unit.



Timer: Individual programming of on-/off times.



8°C Antifreeze Protection: Protects unoccupied rooms.

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