



## 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-B16N4KVRG-E		
Outdoor unit	RAS-16J2AVSG-E1		
Cooling capacity	kW	❄️	4,6
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	🔥	5,5
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	m <sup>3</sup> /h		340-730
Dimensions (HxWxD)	mm		300 x 987 x 210
Weight	kg		12

❄️ Cooling 🔥 Heating

## HAORI / SET

Outdoor unit			RAS-16J2AVSG-E1
Power supply	V/Ph+N/Hz		230/1/50
Recommended fusing	A		10
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	m <sup>3</sup> /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 <http://www.toshiba-klima.at/en/measuring-conditions.html>



**Energy Label:** Energy label **A+ to A+++**, indicates the power consumption and energy efficiency class.



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



**ErP Ecodesign:** All criteria of **ECODESIGN**-guideline are fulfilled and confirm highest system efficiency.



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



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



**Eco Mode:** Energy saving function.



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



**Quiet Mode:** Particularly low noise level - whispering mode.



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



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



**R410A:** Used refrigerant: R410A.



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



**R32:** Used refrigerant: R32.



**Floor Mode:** Natural floor warming effect for greater comfort.



**Wifi ready:** Optional control of the system via a smartphone.



**Preset Mode:** Activates individual settings at the touch of a button.



**KNX:** Optional KNX bus connection.



**One Touch Mode:** Fully automatic operation adapted to your needs.



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



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



**IAQ filter:** Fine mesh filter with natural substances.



**Off Timer:** Shutdown of the unit at chosen times (30 min to 12 h).



**Active carbon-catechin filter:** Cleansing filter with enzymes from green tea.



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



**Plasma filter: Pure Mode:** Electrostatic filter system.



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



**Air ionizer:** Negative ions cover polluted particles in the air. Dust, pollen and smoke are neutralized.



**8 °C frost protection function:** Frost protection for uninhabited rooms.



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



**Louver:** Flexible setting of louvers.



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



**3D Airflow:** 6 different airflow patterns in all directions.