

# HAORI



Residential Warranty



Haori, the heat pump that respects your universe

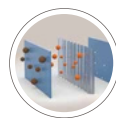
## TREAT YOURSELF TO JAPANESE QUALITY

### Design and reliability

Innovation, efficiency, high reliability, energy savings, respect for the environment. These powerful values are at the heart of everything we do at Toshiba. For over 50 years, Toshiba has been providing its clients with the guaranteed precision and expertise of flawless Japanese quality.

### Toshiba's innovative inverter technology

Toshiba's rotary compressor technology offers high performance and reliability by maintaining a constant temperature and minimizing fluctuations. Its Inverter Technology enables the HAORI to adjust heating and cooling capacity by modifying compressor speed based on demand, enhancing efficiency and reducing noise.



**TOSHIBA**  
**ULTRA PURE FILTER**

Toshiba ultra pure filter captures up to 94% of PM 2.5



**TOSHIBA**  
**PLASMA IONIZER**

Catches & neutralizes the contaminated particles



Fabrics with infinite possibilities. Easy to dress, just peel and stick.



Bluish grey



Dark grey



Light grey



Grey Beige



Dark brown



Emerald blue



view in your space

# HAORI SPECIFICATIONS



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## Performance data

HAORI			RAS-B10E2KVRG-A RAS-10E2AVRG-A	RAS-B13E2KVRG-A RAS-13E2AVRG-A	RAS-B16E2KVRG-A RAS-16E2AVRG-A
Cooling capacity	kW		2.5	3.5	4.6
Cooling range (min. - max.)	kW		(0.89 - 3.20)	(1.00 - 4.10)	(1.20 - 5.30)
EER	W/W		4.63	4.38	3.41
ENERGY STAR RATING (COOLING): Cold Zone			4.0	4.0	3.0
Hot Zone			3.5	3.5	3.0
Mixed Zone	kW		2.5	2.0	2.5
Heating capacity	kW		3.2	4.2	5.5
Heating range (min. - max.)	W/W		(0.90 - 4.70)	(1.00 - 5.30)	(1.10 - 6.30)
COP			4.32	3.89	3.62
ENERGY STAR RATING (HEATING): Cold Zone			2.5	2.0	1.0
Hot Zone			3.5	3.0	2.0
Mixed Zone			3.0	2.5	1.5
<b>Physical data indoor unit</b>					
Indoor unit			RAS-B10E2KVRG-A	RAS-B13E2KVRG-A	RAS-B16E2KVRG-A
Sound pressure level (h/q)	dB(A)	C	41/19	43/19	45/21
Air flow (h)	m <sup>3</sup> /h-l/s	C	600 - 166	670 - 186	690 - 191
Sound pressure level (h/q)	dB(A)	H	41/19	43/19	45/22
Air flow (h)	m <sup>3</sup> /h - l/s	H	610 - 169	680 - 189	730 - 202
Dimensions (HxWxD)	mm		300x987x210	300x987x210	300x987x210
Weight	kg		11	11	12
Remote controller			WH-UA01UE	WH-UA01UE	WH-UA01UE
<b>Physical data outdoor unit</b>					
Outdoor unit			RAS-B10E2AVRG-A	RAS-B13E2AVRG-A	RAS-B16E2AVRG-A
Sound pressure level (h)	dB(A)	C	45	47	49
Operating range	°C	C	-10-46	-10-46	-10-46
Sound pressure level (h)	dB(A)	H	46	48	51
Operating range	°C	H	-15-24	-15-24	-15-24
Dimensions (hxwx dx)	mm		550x780x290	550x780x290	550x780x290
Weight	kg		26	30	33
Compressor type	Toshiba		DC Rotary	DC Rotary	DC Rotary
Flare connections (gas-liquid)	inch		3/8" - 1/4"	3/8" - 1/4"	1/2" - 1/4"
Minimum pipe length	m		2	2	2
Maximum pipe length	m		20	20	20
Maximum height difference	m		12	12	12
Chargeless pipe length	m		15	15	15
Refrigerant charging (R32)	kg		0.55	0.8	0.8
Power supply	(V)-ph-Hz		(220-240)-1-50	(220-240)-1-50	(220-240)-1-50

C: cooling mode  
H: heating mode



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# TOSHIBA