

HAORI - R32 Performance data

Outdoor unit			RAS-10J2AVSG-E1	RAS-13J2AVSG-E1	RAS-16J2AVSG-E1
Indoor unit			RAS-B10N4KVRG-E	RAS-B13N4KVRG-E	RAS-B16N4KVRG-E
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
SEER			8.60	8.70	7.80
Energy efficiency class		C	A+++	A+++	A++
Seasonal electricity consumption	kWh/a	C	102	142	206
Heating capacity	kW		3.2	4.2	5.5
Heating range (min. - max.)	kW		(0.90 - 4.70)	(1.00 - 5.30)	(1.10 - 6.30)
Pdesignh	kW		2.5	3.2	4.00
COP	W/W		4.32	3.89	3.62
SCOP			5.10	5.10	4.60
Energy efficiency class		H	A+++	A+++	A++
Seasonal electricity consumption	kWh/a	H	684	876	1214

HAORI - R32 Physical data indoor unit

Indoor unit			RAS-B10N4KVRG-E	RAS-B13N4KVRG-E	RAS-B16N4KVRG-E
Sound pressure level (h/q)	dB(A)	C	41/19	43/19	45/21
Sound power level (h)	dB(A)	C	54	56	58
Air flow (h)	m³/h - l/s	C	600 - 166	670 - 186	690 - 180
Sound pressure level (h/q)	dB(A)	H	41/19	43/19	45/22
Sound power level (h)	dB(A)	H	54	56	58
Air flow (h)	m³/h - l/s	H	610 - 169	680 - 189	730 - 186
Dimensions (hwxwd)	mm		300x987x210	300x987x210	300x987x210
Weight	kg		11	11	12
Remote controller			WH-UA01UE	WH-UA01UE	WH-UA01UE

HAORI - R32 Physical data indoor unit

Outdoor unit			RAS-10J2AVSG-E1	RAS-13J2AVSG-E1	RAS-16J2AVSG-E1
Sound pressure level (h)	dB(A)	C	44	46	48
Sound pressure level (Silent CDU#2)	dB(A)	C	37	39	40
Sound power level (h)	dB(A)	C	57	59	61
Operating range	°C	C	-15~46	-15~46	-15~46
Sound pressure level (h)	dB(A)	H	46	48	50
Sound pressure level (Silent CDU#2)	dB(A)	H	39	43	43
Sound power level (h)	dB(A)	H	59	61	63
Operating range	°C	H	-15~24	-15~24	-15~24
Dimensions (hwxwd)	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		230-1-50	230-1-50	230-1-50

C: cooling mode
H: heating mode



TOSHIBA Air Conditioning participates in the ECP program for Comfort Air Conditioners (AC). Check ongoing validity of certificate: www.eurovent-certification.com



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