

HAORI 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)	
Power input (min. - rated - max.)	kW	C	(0.19 - 0.54 - 0.79)	(0.25 - 0.80 - 1.12)		(0.34 - 1.35 - 1.72)	
Pdesignc	kW	2.5		3.5		4.6	
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)	
Power input (min. - rated - max.)	kW	H	(0.18 - 0.74 - 1.23)	(0.20 - 1.08 - 1.55)		(0.30 - 1.52 - 1.90)	
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 Physical data indoor

Indoor unit		RAS-B10N4KVRG-E		RAS-B13N4KVRG-E		RAS-B16N4KVRG-E	
Air flow (h)	m³/h - l/s	C	600 - 166	670 - 186		690 - 180	
Air flow (l)	m³/h - l/s	C	300 - 83	320 - 89		340 - 83	
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	H	610 - 169	680 - 189		730 - 186	
Air flow (l)	m³/h - l/s	H	300 - 86	320 - 89		360 - 83	
Sound pressure level (h/q)	dB(A)	H	41/19	43/19		45/22	
Sound power level (h)	dB(A)	H	54	56		58	
Dimensions (h x w x d)	mm	300 x 987 x 210		300 x 987 x 210		300 x 987 x 210	
Weight	kg	11		11		12	
Remote controller		WH-UA01UE		WH-UA01UE		WH-UA01UE	

HAORI Physical data outdoor

Outdoor unit		RAS-10J2AVSG-E1		RAS-13J2AVSG-E1		RAS-16J2AVSG-E1	
Air flow (max)	m³/h - l/s	C	1890 - 524	1950 - 540		2040 - 566	
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	
Sound power level ((Silent CDU#2)	dB(A)	C	50	52		53	
Operating range	°C	C	-15 ~ 46	-15 ~ 46		-15 ~ 46	
Air flow (max)	m³/h - l/s	H	1890 - 524	1950 - 540		2040 - 566	
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	
Sound power level ((Silent CDU#2)	dB(A)	H	52	56		56	
Operating range	°C	H	-15 ~ 24	-15 ~ 24		-15 ~ 24	
Dimensions (h x w x d)	mm	550 x 780 x 290		550 x 780 x 290		550 x 780 x 290	
Weight	kg	26		30		33	
Compressor type		DC Rotary		DC Rotary		DC Rotary	
Flare connections (gas-liquid)		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