

Performance data

Tentative (size 5, 16k)

Outdoor unit		RAS-05BAV-E	RAS-07BAV-E	RAS-10BAV-E	RAS-13BAV-E	RAS-16BAV-E
Indoor unit		RAS-05BKV-E	RAS-07BKV-E	RAS-10BKV-E	RAS-13BKV-E	RAS-16BKV-E
Cooling capacity	kW	1,5	2,0	2,5	3,1	4,4
Cooling range (min. - max.)	kW	(0.65 - 2.00)	(0.64 - 2.50)	(0.67 - 3.10)	(0.75 - 3.50)	1,1 - 5,0
Power input (min. -rated - max.)	kW C	(0.15 - 0.41 - 0.60)	(0.14 - 0.60 - 0.86)	(0.16 - 0.85 - 1.19)	(0.18 - 1.15 - 1.33)	0,26 - 1,56 - 1,90
Pdesignc	kW	1.5	2,0	2,5	3,1	4,4
EER	W/W	3.66	3.33	2.94	2.70	2,82
SEER		5.6	5.7	5,6	5,7	5,8
Energy efficiency class	C	A+	A+	A+	A+	A+
Seasonal electricity consumption	kWh/a C	93	123	156	190	266
Annual energy consumption	kWh	250	300	425	575	780
Heating capacity	kW	2.0	2,5	3.2	3.6	5.2
Heating range (min. - max.)	kW	(0.54 - 2.80)	(0.55 - 3.20)	(0.70 - 3.90)	(0.70 - 4.50)	1.0 - 6.2
Power input (min. -rated - max.)	kW H	(0.12 - 0.48 - 0.76)	(0.13 - 0.62 - 0.82)	(0.15 - 0.84 - 1.06)	(0.15 - 0.96 - 1.24)	(0.19 - 1.52 - 1.81)
Pdesignh	kW	1.6	1.8	2.4	2.8	3.8
COP	W/W	4.17	4.03	3.81	3.75	3,42
SCOP		4.0	4,0	4,0	4,0	3,8
Energy efficiency class	H	A+	A+	A+	A+	A
Seasonal electricity consumption	kWh/a H	570	630	840	980	1399

Physical data indoor

Indoor unit		RAS-05BKV-E	RAS-07BKV-E	RAS-10BKV-E	RAS-13BKV-E	RAS-16BKV-E
Air Flow (h)	m ³ /h - l/s C	496 - 140	522 - 145	540 - 150	600 - 167	690 - 192
Air Flow (l)	m ³ /h - l/s C	228 - 63	234 - 65	240 - 67	264 - 73	372 - 103
Sound pressure level (h/l)	dB(A) C	37/22	38/22	40/23	41/24	45/30
Sound power level (h)	dB(A) C	53	53	55	56	60
Air Flow (h)	m ³ /h - l/s H	513 - 143	534 - 148	552 - 153	618 - 172	744 - 207
Air Flow (l)	m ³ /h - l/s H	240 - 66	246 - 68	252 - 70	264 - 73	420 - 117
Sound pressure level (h/l)	dB(A) H	39/22	40/22	41/23	45/24	45/31
Sound power level (h)	dB(A) H	55	55	56	57	60
Dimensions (hwxwd)	mm	293 x 798 x 230	293 x 798 x 230	293 x 798 x 230	293 x 798 x 230	293 x 798 x 230
Weight	kg	9	9	9	9	9

Physical data outdoor

Outdoor unit		RAS-05BAV-E	RAS-07BAV-E	RAS-10BAV-E	RAS-13BAV-E	RAS-16BAV-E
Air Flow (max)	m ³ /h - l/s C	840 - 230	870 - 242	930 - 258	990 - 275	2250 - 625
Sound pressure level (h)	dB(A) C	47	47	48	48	49
Sound power level (h)	dB(A) C	62	62	63	63	64
Operating range	°C C	-15 ~ 46	-15 ~ 46	-15 ~ 46	-15 ~ 46	-15~46
Air Flow (max)	m ³ /h - l/s H	870 - 245	900 - 250	930 - 258	990 - 275	2250 - 625
Sound pressure level (h)	dB(A) H	49	49	50	50	50
Sound power level (h)	dB(A) H	64	64	65	65	65
Operating range	°C H	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15~24
Dimensions (hwxwd)	mm	530 x 660 x 240	530 x 660 x 240	530 x 660 x 240	530 x 660 x 240	550x780x290
Weight	kg	21	21	21	22	40
Compressor type		DC Rotary	DC Rotary	DC Rotary	DC Rotary	DC Rotary
Flare connections (gas-liquid)		3/8" - 1/4"	3/8" - 1/4"	3/8" - 1/4"	3/8" - 1/4"	3/8" - 1/4"
Minimum pipe length	m	2	2	2	2	2
Maximum pipe length	m	15	15	15	15	20
Maximum height difference	m	12	12	12	12	10
Chargeless pipe length	m	15	15	15	15	15
Remote controller		WH-UA01NE	WH-UA01NE	WH-UA01NE	WH-UA01NE	WH-UA01NE
Power supply	V-ph-Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50

C = cooling mode

H = heating mode