

### SEIYA CLASSIC Performance data

Outdoor unit	Europe	RAS-05B2AVG-E	RAS-07B2AVG-E	RAS-10B2AVG-E	RAS-13B2AVG-E	RAS-16B2AVG-E	RAS-18B2AVG-E	RAS-24B2AVG-E
Indoor unit		RAS-B05B2KVG-E	RAS-B07B2KVG-E	RAS-B10B2KVG-E	RAS-B13B2KVG-E	RAS-B16B2KVG-E	RAS-B18B2KVG-E	RAS-B24B2KVG-E
<b>Cooling capacity</b>	<b>kW</b>	<b>1.50</b>	<b>2.00</b>	<b>2.50</b>	<b>3.30</b>	<b>4.20</b>	<b>5.00</b>	<b>6.50</b>
Cooling range (min. - max.)	kW	(0.58 - 2.00)	(0.76 - 2.40)	(0.80 - 3.00)	(1.00 - 3.60)	(1.10 - 4.70)	(1.10 - 5.50)	(1.1 - 7.1)
Power input (min. - rated - max.)	kW C	(0.16 - 0.36 - 0.58)	(0.20 - 0.60 - 0.74)	(0.21 - 0.72 - 1.00)	(0.25 - 1.17 - 1.35)	(0.35 - 1.37 - 1.70)	(0.35 - 1.73 - 1.90)	(0.25 - 2.30 - 2.40)
Pdesignc	kW	1.5	2	2.5	3.3	4.2	5.0	6.5
EER	W/W	4.17	3.33	3.47	2.82	3.07	2.89	2.83
SEER		6.1	6.1	6.1	6.1	6.1	6.1	6.1
Energy efficiency class D→A+++*	C	A++	A++	A++	A++	A++	A++	A++
Seasonal electricity consumption	kWh/a C	86	115	143	189	241	287	373
<b>Heating capacity</b>	<b>kW</b>	<b>2.0</b>	<b>2.5</b>	<b>3.2</b>	<b>3.6</b>	<b>5.0</b>	<b>5.4</b>	<b>7.0</b>
Heating range (min. - max.)	kW	(0.58 - 2.90)	(0.76 - 3.30)	(0.76 - 3.90)	(0.76 - 4.50)	(0.85 - 6.00)	(1.10 - 6.00)	(1.2 - 8.0)
Power input (min. - rated - max.)	kW H	(0.14 - 0.47 - 0.85)	(0.16 - 0.64 - 0.94)	(0.18 - 0.84 - 1.11)	(0.18 - 1.02 - 1.25)	(0.25 - 1.45 - 1.90)	(0.27 - 1.65 - 1.88)	(0.27 - 2.10 - 2.50)
Pdesignh (Tbiv-7°C)	kW	1.6	2.0	2.1	2.3	3.3	3.7	4.4
COP	W/W	4.26	3.91	3.81	3.53	3.45	3.27	3.33
SCOP		4.0	4.0	4.0	4.0	4.0	4.0	4.0
Energy efficiency class	H	A+	A+	A+	A+	A+	A+	A+
Seasonal electricity consumption	kWh/a H	560	700	735	805	1151	1294	1538
SCOPw		4.6	4.6	4.6	4.6	4.6	4.7	4.8
Energy efficiency class D→A+++*		A++	A++	A++	A++	A++	A++	A++

(\* The energy efficiency class range of this product category is D→A+++)

### SEIYA CLASSIC Physical data indoor

Indoor unit	Europe	RAS-B05B2KVG-E	RAS-B07B2KVG-E	RAS-B10B2KVG-E	RAS-B13B2KVG-E	RAS-B16B2KVG-E	RAS-B18B2KVG-E	RAS-B24B2KVG-E
Air flow (H)	m³/h - l/s C	480 - 134	490 - 136	620 - 172	650 - 180	760 - 212	790 - 219	1070 - 298
Air flow (I)	m³/h - l/s C	190 - 53	200 - 55	230 - 64	230 - 64	330 - 92	480 - 133	660 - 183
Sound pressure level (h/a)	dB(A) C	39/19	40/19	41/19	42/20	44/22	47/26	48/29
Sound power level (H)	dB(A) C	52	53	54	55	57	60	61
Air flow (H)	m³/h - l/s H	480 - 134	500 - 140	620 - 172	620 - 172	760 - 212	840 - 233	860 - 239
Air flow (I)	m³/h - l/s H	190 - 53	200 - 55	230 - 64	230 - 64	340 - 94	500 - 139	730 - 203
Sound pressure level (h/a)	dB(A) H	38/19	39/19	40/20	42/20	43/23	48/26	48/29
Sound power level (H)	dB(A) H	51	52	53	55	56	61	61
Dimensions (hwxwd)	mm	288 x 770 x 225	288 x 770 x 225	288 x 770 x 225	288 x 770 x 225	293 x 798 x 230	293 x 798 x 230	320 x 1050 x 250
Weight	kg	9	9	9	9	10	10	14

### SEIYA CLASSIC Physical data outdoor

Outdoor unit	Europe	RAS-05B2AVG-E	RAS-07B2AVG-E	RAS-10B2AVG-E	RAS-13B2AVG-E	RAS-16B2AVG-E	RAS-18B2AVG-E	RAS-24B2AVG-E
Air flow (max)	m³/h - l/s C	1760 - 489	1800 - 500	1800 - 500	1980 - 550	2160 - 600	2160 - 600	2220 - 617
Sound pressure level (H)	dB(A) C	49	49	49	50	2	52	2
Sound pressure level (Silent CDU#2)	dB(A) C	44	44	45	45	45	46	2
Sound power level (H)	dB(A) C	62	62	62	63	65	65	2
Sound power level (Silent CDU#2)	dB(A) C	57	57	58	58	58	59	2
Operating range	°C C	-10 ~ 46	-10 ~ 46	-10 ~ 46	-10 ~ 46	-10 ~ 46	-10 ~ 46	-10 ~ 46
Air flow (max)	m³/h - l/s H	1760 - 489	1800 - 500	1800 - 500	1980 - 550	2160 - 600	2160 - 600	2220 - 617
Sound pressure level (H)	dB(A) H	50	51	51	52	53	53	57
Sound pressure level (Silent CDU#2)	dB(A) H	44	44	45	45	47	48	2
Sound power level (H)	dB(A) H	63	64	64	65	66	66	70
Sound power level (Silent CDU#2)	dB(A) H	57	57	58	58	60	61	2
Operating range	°C H	-10 ~ 24	-10 ~ 24	-10 ~ 24	-10 ~ 24	-10 ~ 24	-10 ~ 24	-10 ~ 24
Dimensions (hwxwd)	mm	530 x 660 x 240	530 x 660 x 240	530 x 660 x 240	530 x 660 x 240	550 x 780 x 290	550 x 780 x 290	550 x 780 x 290
Weight	kg	20	20	21	21	29	29	32
Compressor type		DC Rotary	DC Rotary	DC Rotary	DC Rotary	DC Rotary	DC Rotary	DC Twin Rotary
Flare connections (gas-liquid)		3/8" - 1/4"	3/8" - 1/4"	3/8" - 1/4"	3/8" - 1/4"	1/2" - 1/4"	1/2" - 1/4"	1/2" - 1/4"
Minimum pipe length	m	2	2	2	2	2	2	2
Maximum pipe length	m	10	10	10	10	15	15	15
Maximum height difference	m	8	8	8	8	8	8	8
Chargeless pipe length	m	10	10	10	10	10	10	10
Remote controller		WH-TG01NE	WH-TG01NE	WH-TG01NE	WH-TG01NE	WH-TG01NE	WH-TG01NE	WH-TG01NE
Refrigerant charging (R32)	kg	0.44	0.44	0.49	0.54	0.68	0.93	1.23
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	220-240/1/50	220-240/1/50

C: cooling mode  
H: heating mode