

## DAISEIKAI 10

### DAISEIKAI 10 Performance data

Outdoor unit	White	Europe	RAS-10S4AVPG-E	RAS-13S4AVPG-E	RAS-18S4AVPG-E
Indoor unit	Wood		RAS-B10S4KVPG-E	RAS-B13S4KVPG-E	RAS-B18S4KVPG-E
			RAS-B10S4KVDG-E	RAS-B13S4KVDG-E	RAS-B18S4KVDG-E
<b>Cooling capacity</b>		<b>kW</b>	<b>2.50</b>	<b>3.50</b>	<b>5.00</b>
Cooling range (min. - max.)		kW	(0.60 - 3.50)	(0.90 - 4.20)	(0.90 - 6.0)
Power input (min.-rated - max.)		kW	C (0.16 - 0.47 - 0.82)	(0.20 - 0.80 - 1.10)	(0.20 - 1.40 - 2.20)
Pdesignc		kW	2.5	3.5	5.0
EER		W/W	5.32	4.38	3.57
SEER			10.7	9.7	8.6
Energy efficiency class D→A+++*			C A+++	A+++	A+++
Seasonal electricity consumption		kWh/a	C 82	126	203
<b>Heating capacity</b>		<b>kW</b>	<b>3.2</b>	<b>4.0</b>	<b>6.0</b>
Heating range (min. - max.)		kW	(0.65 - 5.80)	(0.70 - 6.30)	(0.80 - 7.20)
Power input (min.-rated - max.)		kW	H (0.16 - 0.60 - 1.50)	(0.18 - 0.80 - 1.60)	(0.19 - 1.45 - 1.90)
Pdesignh (Tbiv-10°C)		kW	3.0	3.6	4.5
COP		W/W	5.33	5.00	4.14
SCOP			5.3	5.2	4.8
Energy efficiency class D→A+++*			H A+++	A+++	A++
Seasonal electricity consumption		kWh/a	H 792	969	1312
SCOPw			6.2	6.2	6.5
Energy efficiency class D→A+++*			A+++	A+++	A+++

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

### DAISEIKAI 10 Physical data indoor

Indoor unit	White	Europe	RAS-B10S4KVPG-E	RAS-B13S4KVPG-E	RAS-B18S4KVPG-E
	Wood		RAS-B10S4KVDG-E	RAS-B13S4KVDG-E	RAS-B18S4KVDG-E
Air Flow (H)		m³/h - l/s	C 700 - 194	750 - 208	800 - 222
Air Flow (l)		m³/h - l/s	C 300 - 83	330 - 91	350 - 97
Sound pressure level (h/l (a))		dB(A)	C 40/24 (19)	41/26 (20)	44/25 (22)
Sound power level (H)		dB(A)	C 53	54	57
Air Flow (H)		m³/h - l/s	H 750 - 208	800 - 222	810 - 225
Air Flow (l)		m³/h - l/s	H 330 - 91	360 - 100	370 - 102
Sound pressure level (h/l (a))		dB(A)	H 41/25 (19)	42/24 (20)	45/26 (22)
Sound power level (H)		dB(A)	H 54	55	58
Dimensions (hxwx) White		mm	293 x 930 x 255	293 x 930 x 255	293 x 930 x 255
Dimensions (hxwx) Woods		mm	293 x 940 x 257	293 x 940 x 257	293 x 940 x 257
Weight White/Wood		kg	14/16	14/16	14/16

### DAISEIKAI 10 Physical data outdoor

Outdoor unit	Europe	RAS-10S4AVPG-E	RAS-13S4AVPG-E	RAS-18S4AVPG-E
Air Flow (max)	m³/h - l/s	2100 - 583	2160 - 600	2220 - 616
Sound pressure level (H)	dB(A)	44	45	47
Sound pressure level (Silent CDU#2)	dB(A)	40	41	42
Sound power level (H)	dB(A)	57	58	60
Sound power level (Silent CDU#2)	dB(A)	53	54	55
Operating range	°C	-15 ~ 46	-15 ~ 46	-15 ~ 46
Air Flow (max)	m³/h - l/s	2100 - 583	2160 - 600	2220 - 616
Sound pressure level (H)	dB(A)	45	46	49
Sound pressure level (Silent CDU#2)	dB(A)	41	42	44
Sound power level (H)	dB(A)	58	59	62
Sound power level (Silent CDU#2)	dB(A)	54	55	57
Operating range	°C	-20 ~ 24	-20 ~ 24	-20 ~ 24
Dimensions (hxwx)	mm	630 x 800 x 300	630 x 800 x 300	630 x 800 x 300
Weight	kg	38	38	38
Compressor type		DC Twin Rotary	DC Twin Rotary	DC Twin 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	25	25	25
Maximum height difference	m	15	15	15
Chargeless pipe length	m	15	15	15
Remote White/Wood		WH-UD02UE / WH-UD01UE	WH-UD02UE / WH-UD01UE	WH-UD02UE / WH-UD01UE
Refrigerant charging (R32)	kg	0.96	0.96	1.0
Power supply	V-ph-Hz	220-240/1/50	220-240/1/50	220-240/1/50

C: cooling mode  
H: heating mode