

CONSOLE Performance data

Outdoor unit			RAS-10J2AVSG-E1	RAS-13J2AVSG-E1	RAS-18J2AVSG-E1
Indoor unit			RAS-B10J2FVG-E	RAS-B13J2FVG-E	RAS-B18J2FVG-E
Cooling capacity	kW		2,5	3,5	5,0
Cooling range (min. - max.)	kW		0.95 - 3.2	1.05 - 4.1	1.2 - 5.6
Power input (min. -rated - max.)	kW	C	0.21 - 0.59 - 0.90	0.27 - 0.87 - 1.20	0.34 - 1.68 - 2.00
Pdesignc	kW		2.5	3.5	5.0
EER	W/W		4.24	4.02	2.98
SEER			7.2	7.0	6.8
Energy efficiency class D→A+++*		C	A++	A++	A++
Seasonal electricity consumption	kWh/a	C	121	174	257
Heating capacity	kW		3.2	4.2	6.0
Heating range (min. - max.)	kW		0.85 - 4.40	1.0 - 5.0	1.3 - 6.3
Power input (min. -rated - max.)	kW	H	0.18 - 0.82 - 1.25	0.22 - 1.27 - 1.55	0.31 - 2.05 - 2.20
Pdesignh	kW		2.5	3.0	4.0
COP	W/W		3.90	3.31	2.93
SCOP			4.7	4.7	4.6
Energy efficiency class D→A+++*		H	A++	A++	A++
Seasonal electricity consumption	kWh/a	H	744	893	1217

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

CONSOLE Physical data indoor

Indoor unit			RAS-B10J2FVG-E	RAS-B13J2FVG-E	RAS-B18J2FVG-E
Air Flow (h)	m ³ /h - l/s	C	492 - 136	528 - 146	600 - 166
Air Flow (l)	m ³ /h - l/s	C	258 - 71	270 - 75	366 - 101
Sound pressure level (h/q)	dB(A)	C	39/23	40/24	46/31
Sound power level (h)	dB(A)	C	52	53	59
Air Flow (h)	m ³ /h - l/s	H	492 - 136	552 - 153	660 - 183
Air Flow (l)	m ³ /h - l/s	H	258 - 71	288 - 80	366 - 101
Sound pressure level (h/q)	dB(A)	H	39/23	40/24	47/31
Sound power level (h)	dB(A)	H	52	53	60
Dimensions (h x w x d)	mm		600 x 700 x 220	600 x 700 x 220	600 x 700 x 220
Weight	kg		16	16	16

CONSOLE Physical data outdoor

Outdoor unit			RAS-10J2AVSG-E1	RAS-13J2AVSG-E1	RAS-18J2AVSG-E1
Air Flow (max)	m ³ /h - l/s	C	1890 - 524	1950 - 540	2076 - 576
Sound pressure level (h)	dB(A)	C	45	47	49
Sound pressure level (Silent CDU#2)	dB(A)	C	38	40	43
Sound power level (h)	dB(A)	C	58	60	62
Sound power level (Silent CDU#2)	dB(A)	C	51	53	56
Operating range	°C	C	-15 ~ 46	-15 ~ 46	-15 ~ 46
Air Flow (max)	m ³ /h - l/s	H	1890 - 524	1950 - 540	2076 - 576
Sound pressure level (h)	dB(A)	H	47	49	51
Sound pressure level (Silent CDU#2)	dB(A)	H	40	43	45
Sound power level (h)	dB(A)	H	60	62	64
Sound power level (Silent CDU#2)	dB(A)	H	53	57	58
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	34
Compressor type			DC Rotary	DC 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		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	1.10
Power supply	V-ph-Hz		230-1-50	230-1-50	230-1-50

C: cooling mode
H: heating mode