

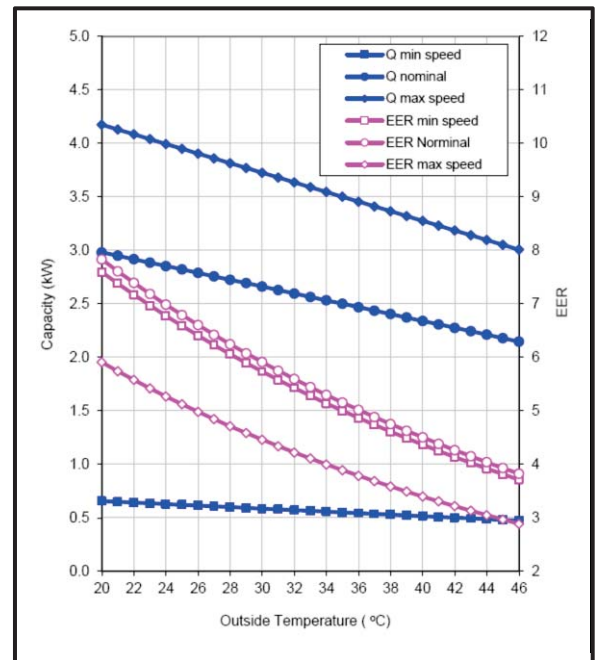
Performance characteristic

Model: RAS-10G2KVP-E / RAS-10G2AVP-E
 Product specification:

Condition		Capacity (kW)	Power (kW)	EER/COP
Cooling JIS In: 27°C DB/19°C WB Out: 35°C DB/24°C WB	Min	0.55	0.110	5.00
	Rated	2.50	0.485	5.15
	Max	3.50	0.900	3.89
Heating JIS In: 20°C DB/15°C WB Out: 7°C DB/6°C WB	Min	0.45	0.090	5.00
	Rated	3.20	0.580	5.52
	Max	5.80	1.650	3.52
Heating Low Temp. In: 20°C DB/15°C WB Out: 2°C DB/1°C WB	Max	4.40	1.400	3.14

Cooling performance characteristic:

Outside Temp (°C)	Min capacity			Nominal capacity			Max capacity		
	Capacity (kW)	Power (kW)	EER (-)	Capacity (kW)	Power (kW)	EER (-)	Capacity (kW)	Power (kW)	EER (-)
20	0.66	0.09	7.60	2.98	0.38	7.83	4.17	0.71	5.91
21	0.65	0.09	7.38	2.95	0.39	7.61	4.13	0.72	5.74
22	0.64	0.09	7.17	2.92	0.39	7.39	4.08	0.73	5.58
23	0.63	0.09	6.97	2.89	0.40	7.18	4.04	0.75	5.42
24	0.63	0.09	6.77	2.85	0.41	6.98	3.99	0.76	5.27
25	0.62	0.09	6.59	2.82	0.42	6.79	3.95	0.77	5.12
26	0.61	0.10	6.40	2.79	0.42	6.60	3.90	0.78	4.98
27	0.61	0.10	6.23	2.76	0.43	6.42	3.86	0.80	4.84
28	0.60	0.10	6.06	2.72	0.44	6.24	3.81	0.81	4.71
29	0.59	0.10	5.89	2.69	0.44	6.07	3.77	0.82	4.58
30	0.59	0.10	5.73	2.66	0.45	5.91	3.72	0.84	4.46
31	0.58	0.10	5.58	2.63	0.46	5.75	3.68	0.85	4.34
32	0.57	0.11	5.43	2.60	0.46	5.59	3.63	0.86	4.22
33	0.56	0.11	5.28	2.56	0.47	5.44	3.59	0.87	4.11
34	0.56	0.11	5.14	2.53	0.48	5.30	3.54	0.89	4.00
35	0.55	0.11	5.00	2.50	0.49	5.15	3.50	0.90	3.89
36	0.54	0.11	4.87	2.47	0.49	5.02	3.46	0.91	3.78
37	0.54	0.11	4.74	2.44	0.50	4.88	3.41	0.93	3.68
38	0.53	0.11	4.61	2.40	0.51	4.75	3.37	0.94	3.59
39	0.52	0.12	4.49	2.37	0.51	4.62	3.32	0.95	3.49
40	0.51	0.12	4.37	2.34	0.52	4.50	3.28	0.96	3.40
41	0.51	0.12	4.25	2.31	0.53	4.38	3.23	0.98	3.31
42	0.50	0.12	4.14	2.28	0.53	4.26	3.19	0.99	3.22
43	0.49	0.12	4.03	2.24	0.54	4.15	3.14	1.00	3.13
44	0.49	0.12	3.92	2.21	0.55	4.04	3.10	1.02	3.05
45	0.48	0.13	3.81	2.18	0.55	3.93	3.05	1.03	2.96
46	0.47	0.13	3.71	2.15	0.56	3.82	3.01	1.04	2.89



Heating performance characteristic:

Outside Temp (°C)	Min capacity			Rated capacity			Max capacity		
	Capacity (kW)	Power (kW)	COP (-)	Capacity (kW)	Power (kW)	COP (-)	Capacity (kW)	Power (kW)	COP (-)
-15	0.19	0.06	3.28	1.38	0.38	3.62	2.51	1.09	2.30
-10	0.26	0.07	3.92	1.80	0.43	4.20	3.26	1.22	2.68
-9	0.27	0.07	3.94	1.88	0.44	4.31	3.41	1.24	2.74
-8	0.27	0.07	3.96	1.94	0.44	4.36	3.52	1.26	2.79
-7	0.28	0.07	3.97	1.98	0.45	4.38	3.61	1.27	2.83
-6	0.28	0.07	3.99	2.01	0.46	4.40	3.70	1.29	2.87
-5	0.29	0.07	4.00	2.05	0.46	4.42	3.79	1.30	2.91
-4	0.29	0.07	4.02	2.09	0.47	4.43	3.87	1.32	2.94
-3	0.30	0.07	4.03	2.13	0.48	4.45	3.96	1.33	2.98
-2	0.30	0.08	4.04	2.17	0.49	4.46	4.05	1.34	3.01
-1	0.31	0.08	4.06	2.20	0.49	4.48	4.14	1.36	3.05
0	0.32	0.08	4.07	2.24	0.50	4.49	4.22	1.37	3.08
1	0.32	0.08	4.08	2.28	0.51	4.50	4.31	1.39	3.11
2	0.33	0.08	4.09	2.32	0.51	4.52	4.40	1.40	3.14
3	0.40	0.08	4.78	2.36	0.52	4.53	4.49	1.41	3.17
4	0.42	0.09	4.84	2.39	0.53	4.54	4.58	1.43	3.20
5	0.43	0.09	4.89	2.43	0.53	4.56	4.66	1.44	3.23
6	0.44	0.09	4.95	3.12	0.57	5.46	5.65	1.62	3.48
7	0.45	0.09	5.00	3.20	0.58	5.52	5.80	1.65	3.52
8	0.46	0.09	5.05	3.28	0.59	5.57	5.95	1.68	3.55
9	0.47	0.09	5.10	3.37	0.60	5.63	6.10	1.70	3.59
10	0.48	0.09	5.15	3.45	0.61	5.68	6.25	1.73	3.62
11	0.50	0.10	5.19	3.53	0.62	5.73	6.40	1.75	3.65
12	0.51	0.10	5.24	3.61	0.62	5.78	6.55	1.78	3.68
13	0.52	0.10	5.28	3.70	0.63	5.83	6.70	1.80	3.71
14	0.53	0.10	5.33	3.78	0.64	5.88	6.85	1.83	3.74
15	0.54	0.10	5.37	3.86	0.65	5.92	7.00	1.85	3.77
16	0.55	0.10	5.41	3.94	0.66	5.97	7.15	1.88	3.80
17	0.57	0.10	5.45	4.03	0.67	6.01	7.30	1.91	3.83
18	0.58	0.11	5.49	4.11	0.68	6.05	7.45	1.93	3.86
19	0.59	0.11	5.52	4.19	0.69	6.09	7.60	1.96	3.88
20	0.60	0.11	5.56	4.27	0.70	6.13	7.75	1.98	3.91
21	0.61	0.11	5.59	4.36	0.71	6.17	7.90	2.01	3.93
22	0.62	0.11	5.63	4.44	0.71	6.21	8.05	2.03	3.96
23	0.64	0.11	5.66	4.52	0.72	6.25	8.19	2.06	3.98
24	0.65	0.11	5.69	4.60	0.73	6.28	8.34	2.08	4.00

