

Residential Inverter Heat Pump SEIYA

Indoor Units

RAS-B25E2KVG-ND

RAS-B35E2KVG-ND

Outdoor Units

RAS-25E2AVG-ND

RAS-35E2AVG-ND

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1. Line up

Indoor Unit	Outdoor Unit	Model Name		Capacity Rank
		FCU	CDU	
		RAS-B25E2KVG-ND	RAS-25E2AVG-ND	10k
		RAS-B35E2KVG-ND	RAS-35E2AVG-ND	13k

Accessories

Appearance	Model Name
	Standard remote controller WH-TG01NE
	Option weekly remote controller RB-RXS33-E
	Option Black remote controller RB-RXS34-E
	Accessory Wireless adapter RB-N105S-G without cable RB-N106S-G with cable for outside unit installation Application Toshiba Home AC Control

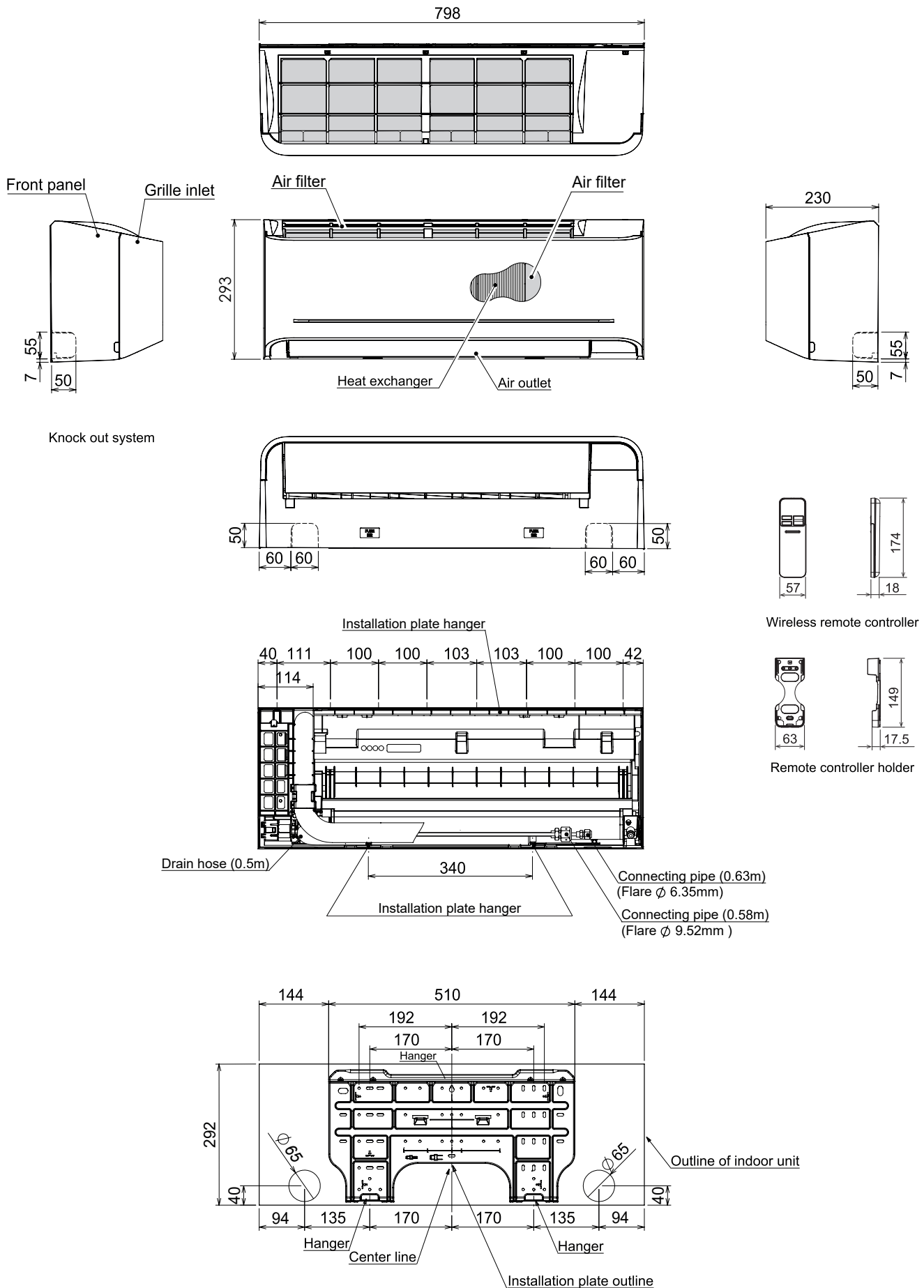
2. Specifications

System	Indoor		RAS-B25E2KVG-ND	RAS-B35E2KVG-ND	
	Outdoor		RAS-25E2AVG-ND	RAS-35E2AVG-ND	
Power supply			(V/Ph/Hz)	220 - 240 / 1 / 50	
Cooling	Capacity		(kW)	2.5	3.5
	Power Consumption		(kW)	0.6	1.05
	EER			4.17	3.33
	PdesignC		(kW)	2.50	3.50
	SEER			6.50	6.50
	Indoor Noise(H/M+/M/L+/L/Q)(dB)			42/37/33/29/24/19	43/39/35/30/24/20
	Outdoor Noise		(dB)	48	49
	Indoor Air Flow (H/M/L)		m³/hr	690/480/280	730/520/280
Heating	Capacity		(kW)	3.2	4.2
	Power Consumption		(kW)	0.75	1.08
	COP			4.27	3.89
	PdesignH (Tbiv -10°C)		(kW)	2.80	3.40
	SCOP			4.60	4.50
	Indoor Noise (H/M+/M/L+/L/Q)(dB)			44/41/35/30/25/21	46/43/37/32/25/21
	Outdoor Noise		(dB)	49	50
	Indoor Air Flow(H/M/L)		m³/hr	720/520/300	850/580/280
FCU	Dimensions	H x W x D	(mm)	293 x 798 x 230	
		Net Weight	(kg)	10	10
CDU	Dimensions	H x W x D	(mm)	550 x 780 x 290	
		Net Weight	(kg)	30	34
Pipe	Chargeless		(m)	15	15
	Maximum Length		(m)	20	20
	Maximum Height		(m)	12	12
	Refrigerant			R32	
	Refrigerant amount		(kg)	0.67	0.80
Energy Label		Cooling / Heating		A++ / A++	A++ / A+
Useble Range Temperature		Cooling		(°C)	Indoor: 21 ~ 32 °C , Outdoor: (-15) ~ 46 °C
		Heating		(°C)	Indoor: 0 ~ 28 °C , Outdoor: (-25) ~ 24 °C

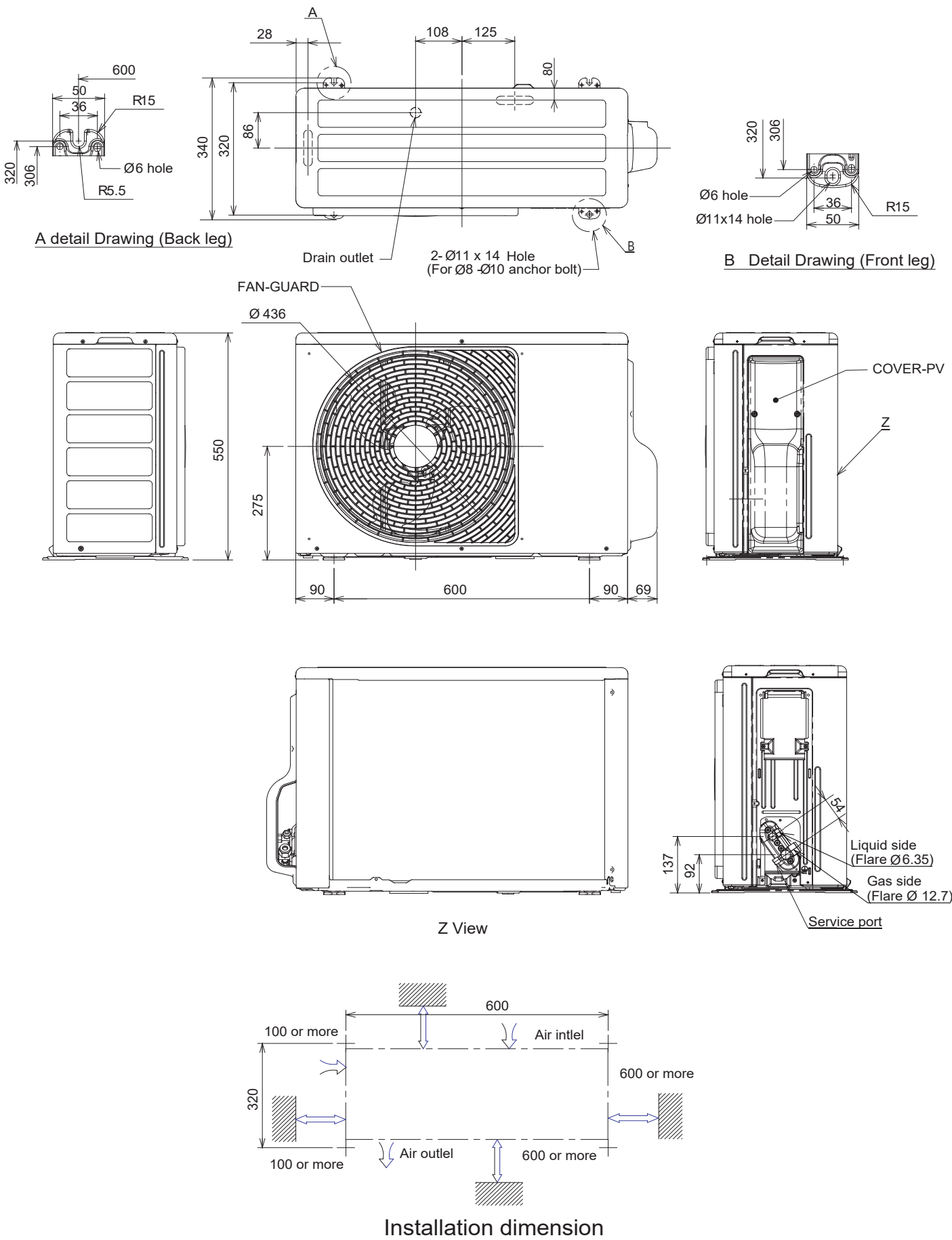
Cooling : Capacity test condition, inside : 27 °C (Db) / 19 °C (Wb), outside : 35 °C (Db) / 24 °C (Wb)
 Heating : Capacity test condition, inside : 20 °C (Db), outside : 7 °C (Db) / 6°C (Wb)
 Piping length : 5 m per Indoor Unit.

3. Dimension

Indoor Unit : RAS-B25E2KVG-ND, RAS-B35E2KVG-ND

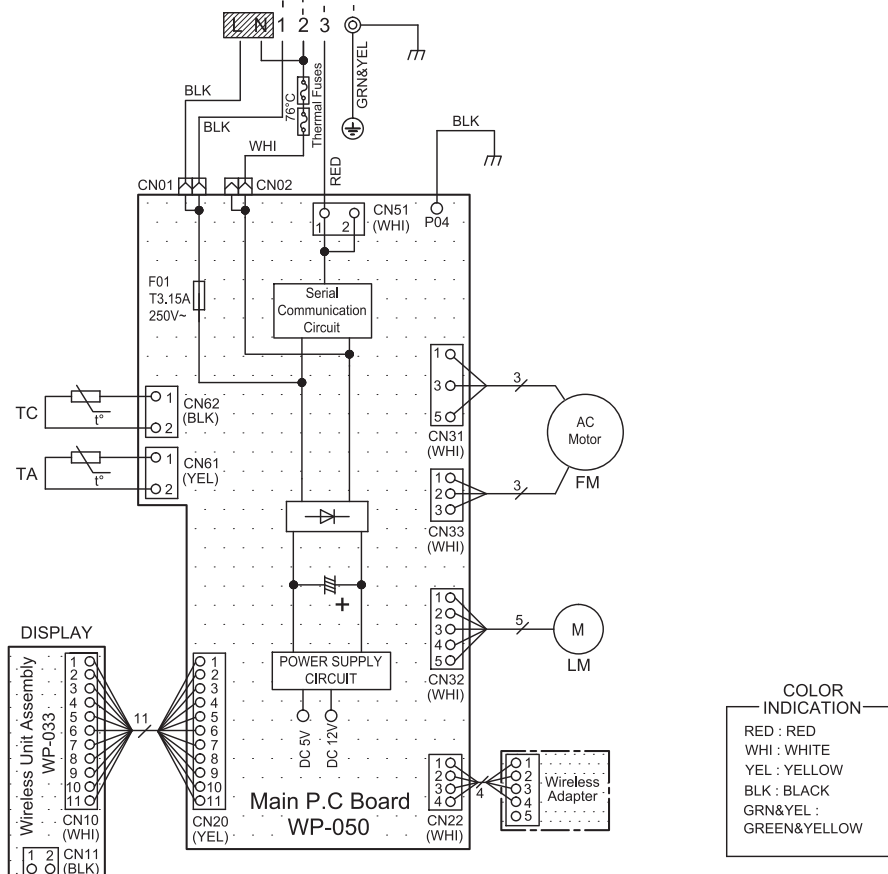
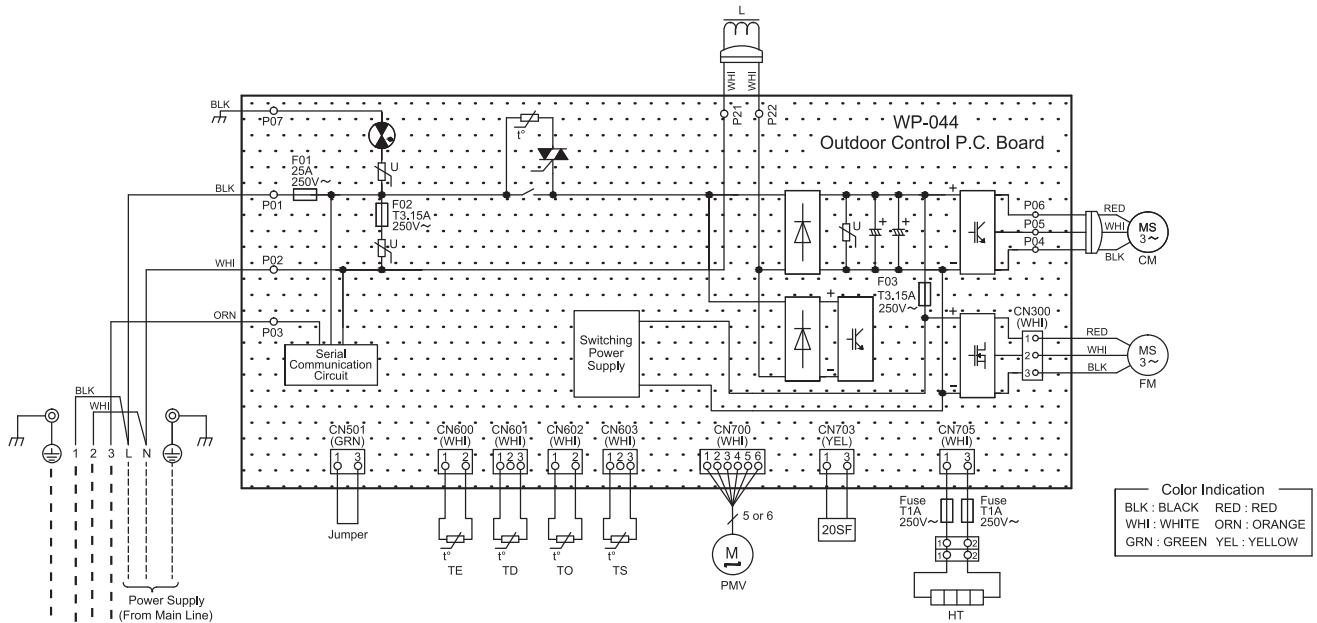


Outdoor Unit : RAS-25E2AVG-ND, RAS-35E2AVG-ND



4. Wiring diagrams

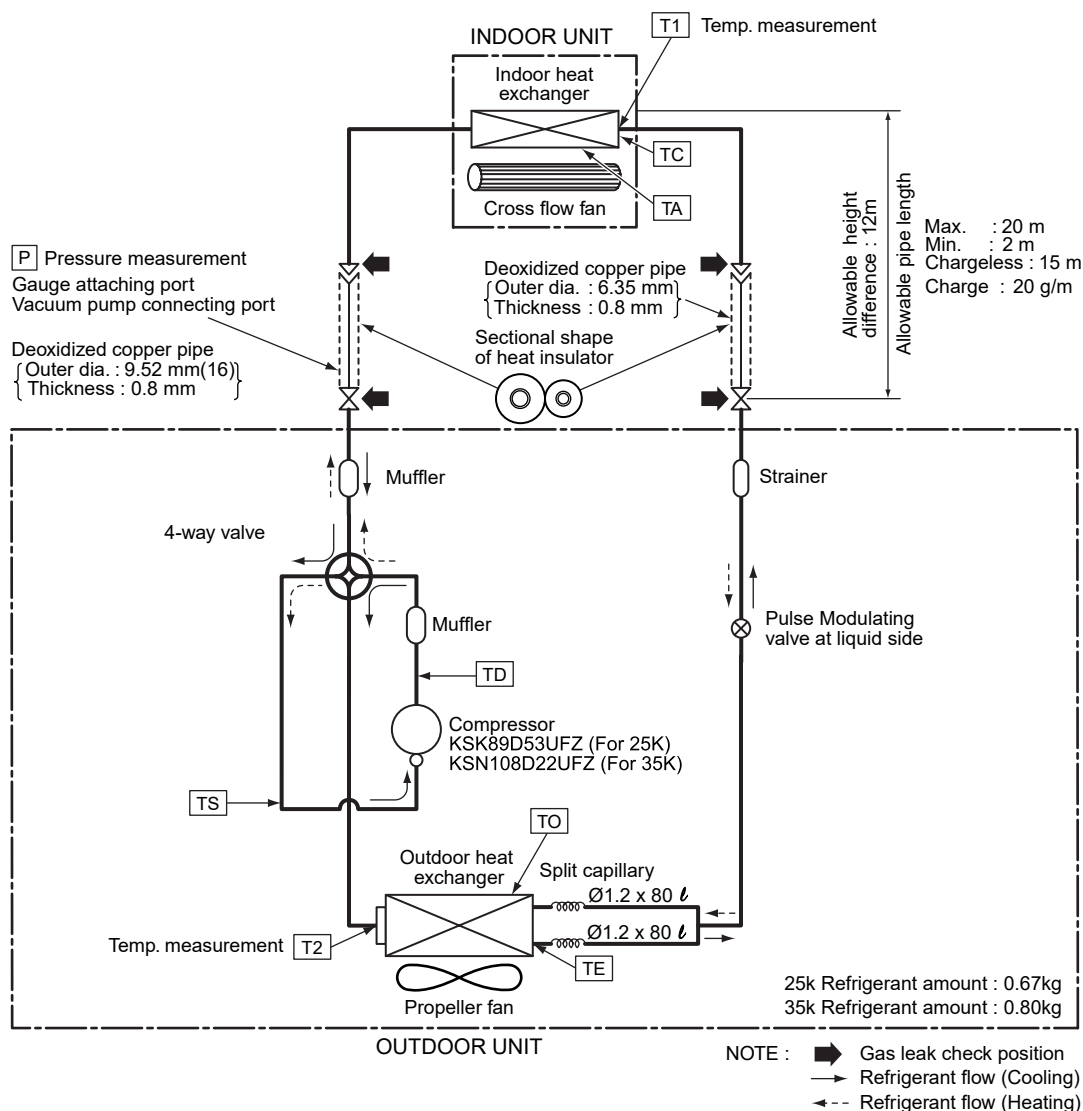
RAS-B25E2KVG-ND ; RAS-25E2AVG-ND
RAS-B35E2KVG-ND ; RAS-35E2AVG-ND



5. Refrigerant cycle diagram

RAS-B25E2KVG-ND ; RAS-25E2AVG-ND

RAS-B35E2KVG-ND ; RAS-35E2AVG-ND



NOTE :

- The maximum pipe length of this air conditioner is 15 m. When the pipe length exceeds 15 m, the additional charging of refrigerant, 20 g per 1m for the part of pipe exceeded 15m is required. (Max. 100 g)

Operation Data

<Cooling>

Temperature condition (°C)		Model name RAS-	Standard pressure P (MPa)	Heat exchanger pipe temp.		Indoor fan mode	Outdoor fan mode	Compressor revolution (rps)	Connecting Piping (m)
Indoor	Outdoor			T1 (°C)	T2 (°C)				
27/19	35/-	B25E2KVG-ND	1.1 to 1.2	14 to 15	41 to 42	High	High	42	5
		B35E2KVG-ND	1.0 to 1.1	12 to 13	43 to 44	High	High	55	

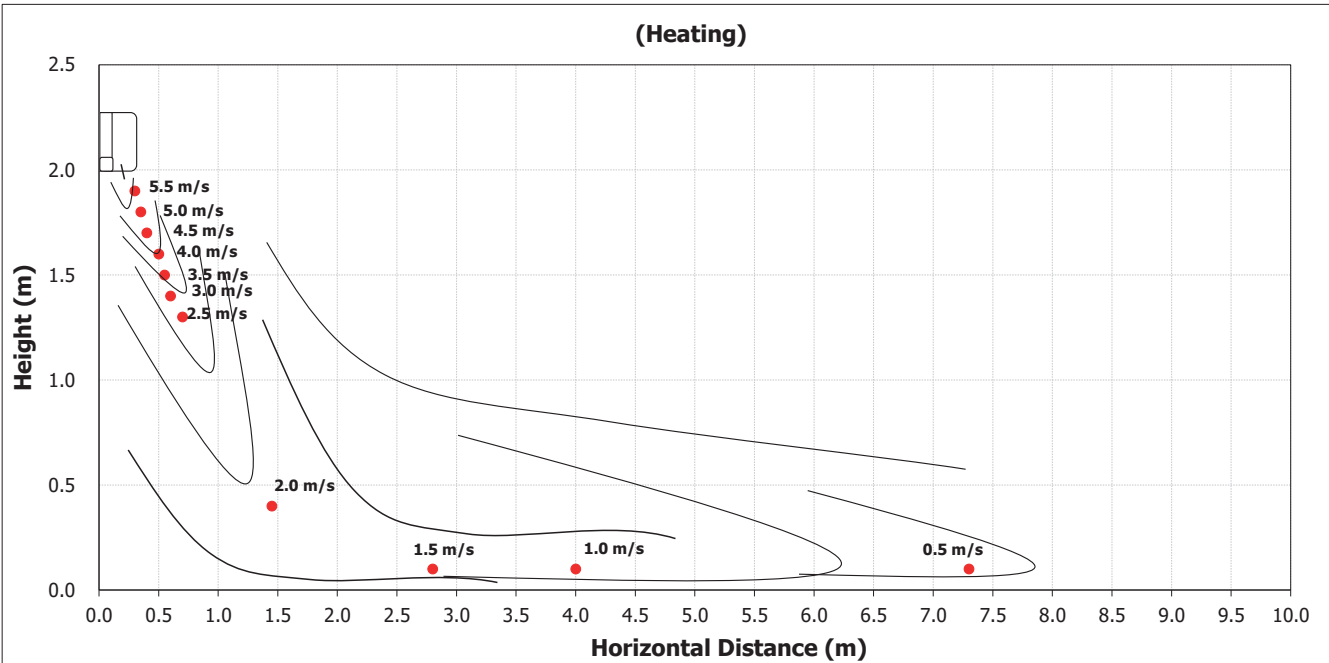
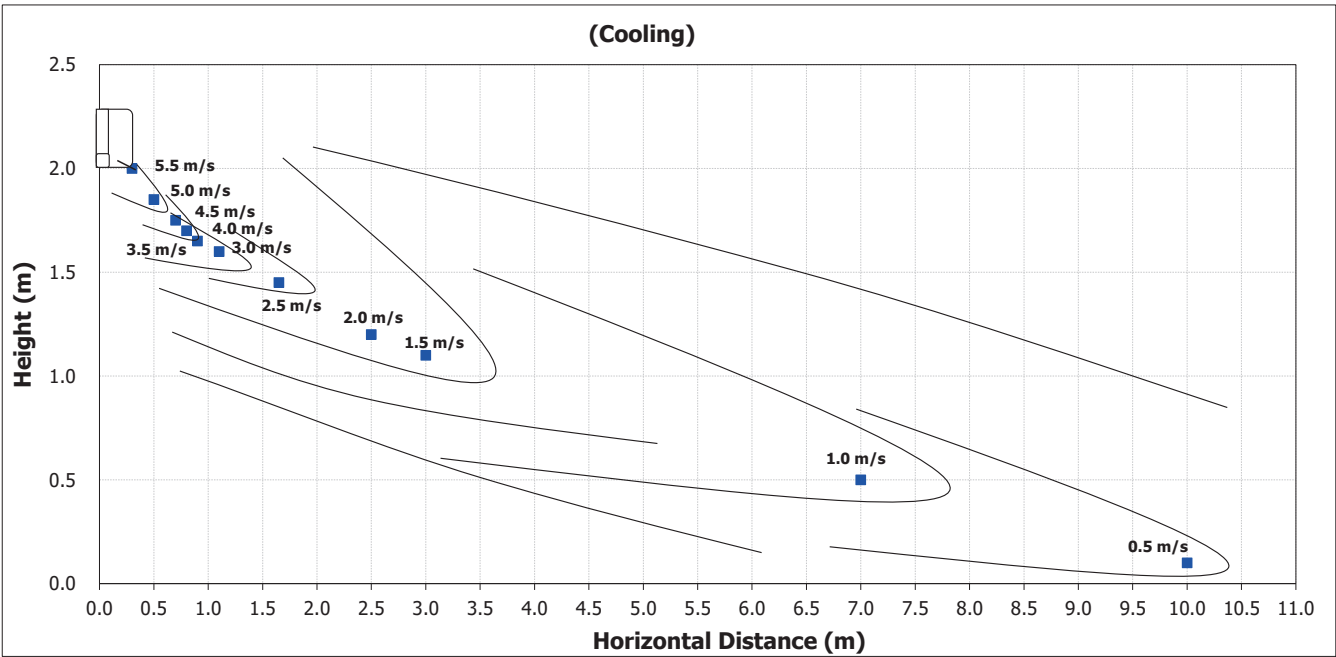
<Heating>

Temperature condition (°C)		Model name RAS-	Standard pressure P (MPa)	Heat exchanger pipe temp.		Indoor fan mode	Outdoor fan mode	Compressor revolution (rps)	Connecting Piping (m)
Indoor	Outdoor			T1 (°C)	T2 (°C)				
20/-	7/6	B25E2KVG-ND	2.3 to 2.4	34 to 35	2 to 3	High	High	57	5
		B35E2KVG-ND	2.8 to 2.9	38 to 39	1 to 2	High	High	64	

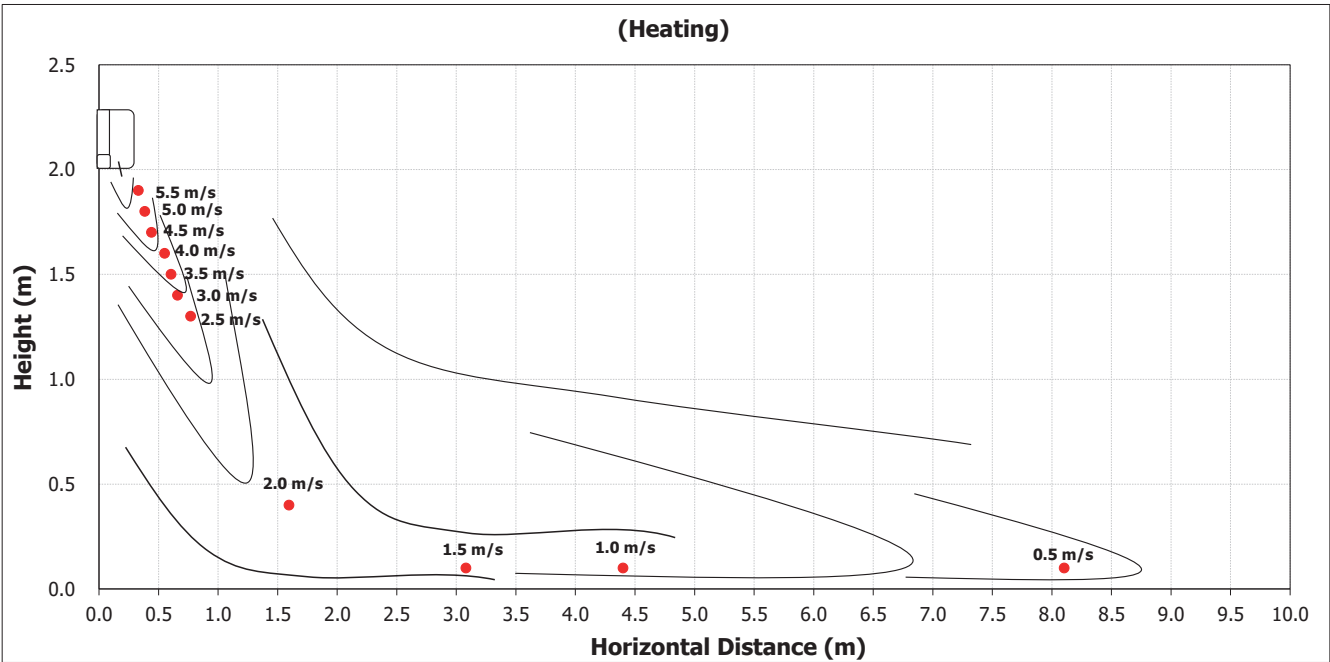
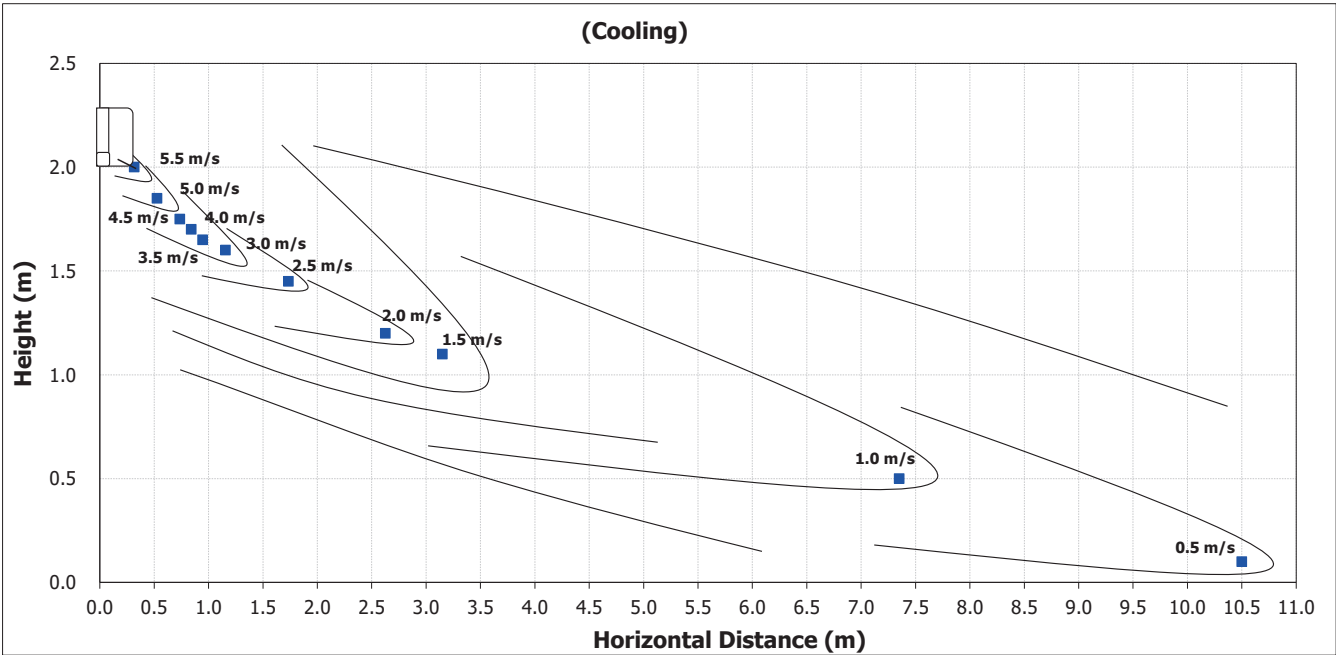
NOTES : Measure surface temperature of heat exchanger pipe around center of heat exchanger path U bent.
 (Thermistor thermometer)

6. Air speed distribution

RAS-B25E2KVG-ND



RAS-B35E2KVG-ND

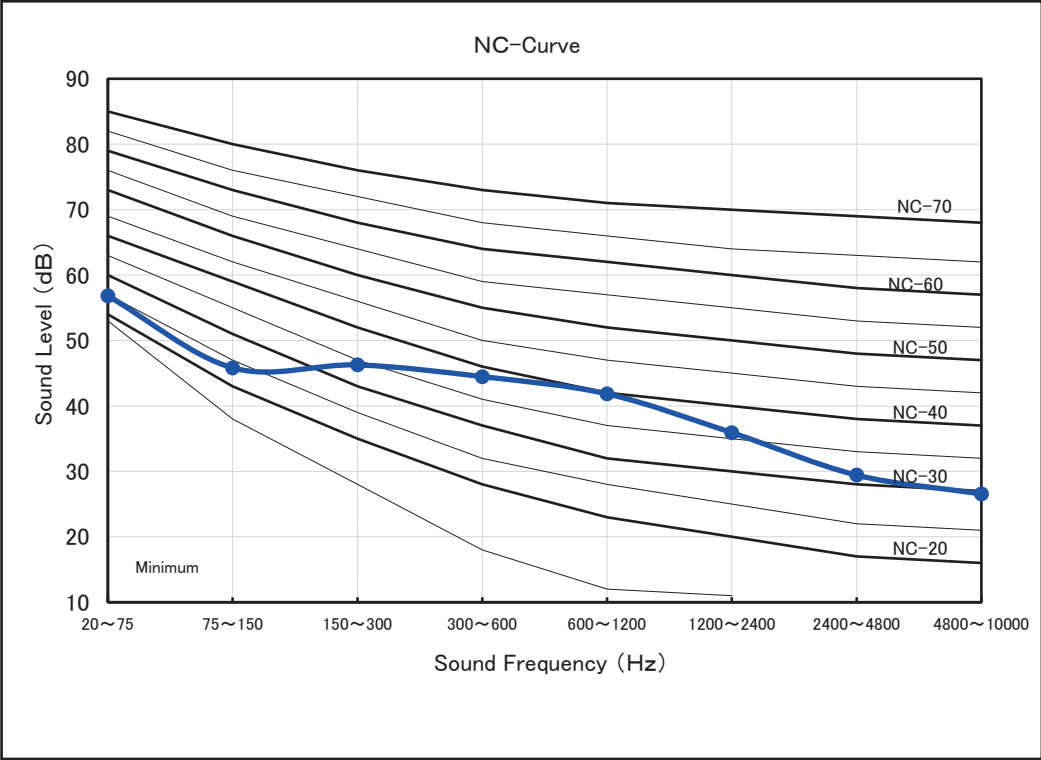


7. Sound Characteristics (NC Curve)

RAS-B25E2AVG-ND

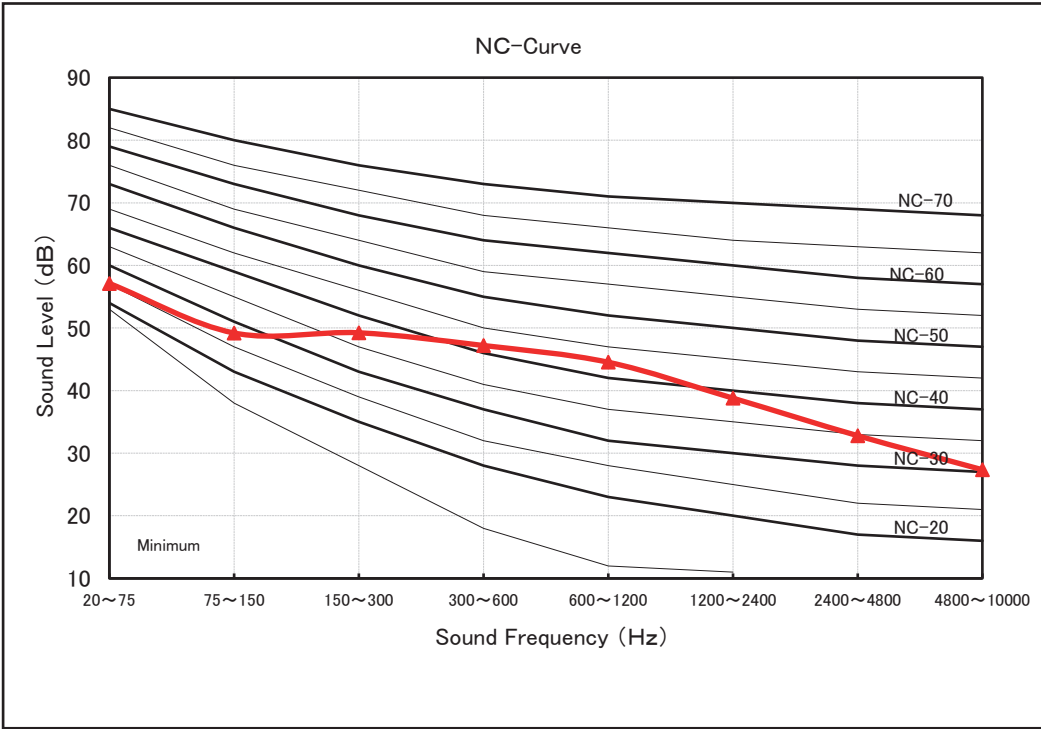
Measured point	Specification
	Cooling
Horizontal 1.0 m	48

Cooling



Measured point	Specification
	Heating
Horizontal 1.0 m	49

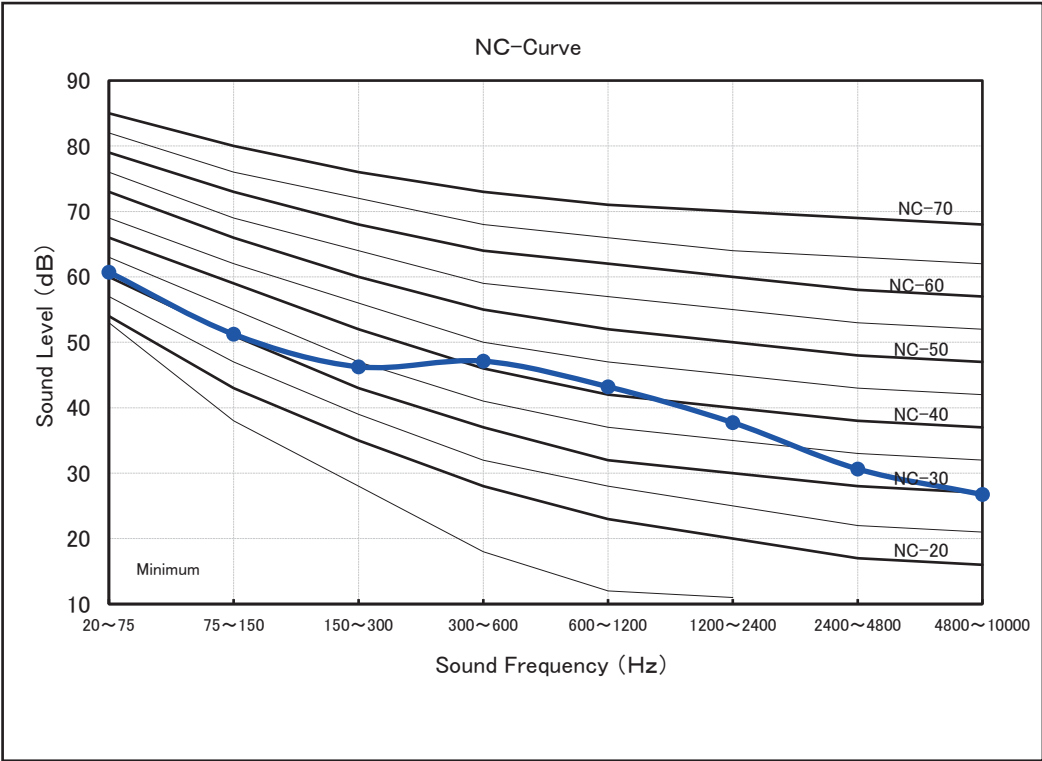
Heating



RAS-B35E2AVG-ND

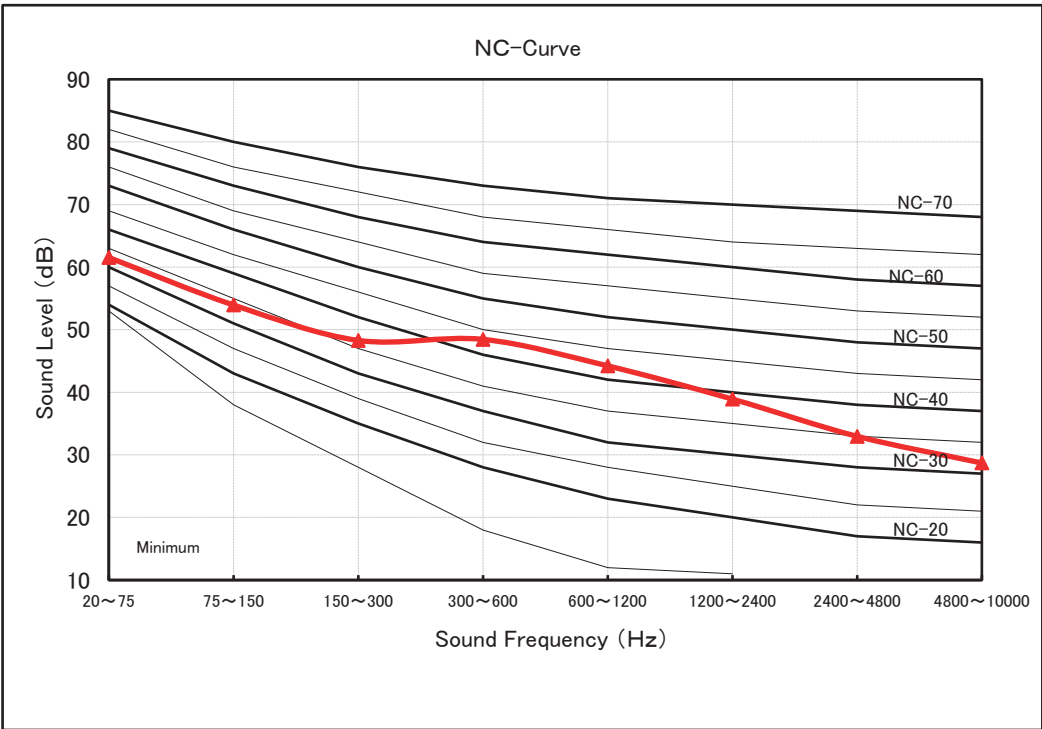
Measured point	Specification
	Cooling
Horizontal 1.0 m	49

Cooling



Measured point	Specification
	Heating
Horizontal 1.0 m	50

Heating



8. Capacity table

Product models : RAS-B25E2KVG-ND : RAS-25E2AVG-ND

Specification of product at standard condition

Standard Condition	Indoor	27°C (DB) / 19°C (WB)	Total Cooling Capacity (TC)	2.50	kW
	Outdoor	35°C (DB) / 24°C (WB)	Sensible Heat Capacity (SHC)	2.00	kW

Outdoor air temperature DB (°C)	Indoor air temperature													
	20.0°C (DB) 14.0°C (WB)		23.0°C (DB) 16.0°C (WB)		26.0°C (DB) 18.0°C (WB)		27.0°C (DB) 19.0°C (WB)		28.0°C (DB) 20.0°C (WB)		30.0°C (DB) 22.0°C (WB)		32.0°C (DB) 24.0°C (WB)	
	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
20	2.45	2.11	2.70	2.25	2.90	2.39	2.98	2.39	3.07	2.38	3.25	2.36	3.40	2.32
21	2.42	2.09	2.68	2.22	2.86	2.36	2.95	2.36	3.03	2.36	3.21	2.34	3.36	2.29
22	2.40	2.06	2.65	2.20	2.83	2.34	2.92	2.33	3.00	2.33	3.18	2.31	3.32	2.27
23	2.37	2.04	2.62	2.17	2.80	2.31	2.89	2.31	2.97	2.31	3.14	2.29	3.29	2.24
24	2.34	2.02	2.59	2.15	2.77	2.29	2.85	2.28	2.93	2.28	3.11	2.26	3.25	2.22
25	2.32	1.99	2.56	2.13	2.74	2.26	2.82	2.26	2.90	2.26	3.07	2.23	3.21	2.19
26	2.29	1.97	2.53	2.10	2.71	2.23	2.79	2.23	2.87	2.23	3.04	2.21	3.18	2.17
27	2.26	1.95	2.50	2.08	2.68	2.21	2.76	2.21	2.84	2.20	3.00	2.18	3.14	2.14
28	2.24	1.93	2.47	2.05	2.65	2.18	2.72	2.18	2.80	2.18	2.97	2.16	3.10	2.12
29	2.21	1.90	2.44	2.03	2.62	2.16	2.69	2.15	2.77	2.15	2.93	2.13	3.07	2.09
30	2.19	1.88	2.41	2.01	2.58	2.13	2.66	2.13	2.74	2.13	2.90	2.11	3.03	2.07
31	2.16	1.86	2.38	1.98	2.55	2.11	2.63	2.10	2.70	2.10	2.86	2.08	2.99	2.04
32	2.13	1.84	2.36	1.96	2.52	2.08	2.60	2.08	2.67	2.08	2.83	2.06	2.96	2.02
33	2.11	1.81	2.33	1.93	2.49	2.05	2.56	2.05	2.64	2.05	2.79	2.03	2.92	1.99
34	2.08	1.79	2.30	1.91	2.46	2.03	2.53	2.03	2.60	2.02	2.76	2.01	2.88	1.97
35	2.05	1.77	2.27	1.88	2.43	2.00	2.50	2.00	2.57	2.00	2.72	1.98	2.85	1.94
36	2.03	1.74	2.24	1.86	2.40	1.98	2.47	1.97	2.54	1.97	2.69	1.95	2.81	1.92
37	2.00	1.72	2.21	1.84	2.37	1.95	2.44	1.95	2.51	1.95	2.65	1.93	2.78	1.89
38	1.97	1.70	2.18	1.81	2.34	1.93	2.40	1.92	2.47	1.92	2.62	1.90	2.74	1.87
39	1.95	1.68	2.15	1.79	2.30	1.90	2.37	1.90	2.44	1.90	2.58	1.88	2.70	1.84
40	1.92	1.65	2.12	1.76	2.27	1.87	2.34	1.87	2.41	1.87	2.55	1.85	2.67	1.82
41	1.90	1.63	2.09	1.74	2.24	1.85	2.31	1.85	2.37	1.84	2.51	1.83	2.63	1.79
42	1.87	1.61	2.06	1.72	2.21	1.82	2.28	1.82	2.34	1.82	2.48	1.80	2.59	1.77
43	1.84	1.59	2.03	1.69	2.18	1.80	2.24	1.79	2.31	1.79	2.44	1.78	2.56	1.74
44	1.82	1.56	2.01	1.67	2.15	1.77	2.21	1.77	2.27	1.77	2.41	1.75	2.52	1.72
45	1.79	1.54	1.98	1.64	2.12	1.75	2.18	1.74	2.24	1.74	2.37	1.73	2.48	1.69
46	1.76	1.52	1.95	1.62	2.09	1.72	2.15	1.72	2.21	1.72	2.34	1.70	2.45	1.67

Product models : RAS-B35E2KVG-ND : RAS-35E2AVG-ND

Specification of product at standard condition

Standard Condition	Indoor	27°C (DB) / 19°C (WB)	Total Cooling Capacity (TC)	3.50 kW
	Outdoor	35°C (DB) / 24°C (WB)	Sensible Heat Capacity (SHC)	2.70 kW

Outdoor air temperature DB (°C)	Indoor air temperature													
	20.0°C (DB) 14.0°C (WB)		23.0°C (DB) 16.0°C (WB)		26.0°C (DB) 18.0°C (WB)		27.0°C (DB) 19.0°C (WB)		28.0°C (DB) 20.0°C (WB)		30.0°C (DB) 22.0°C (WB)		32.0°C (DB) 24.0°C (WB)	
	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
20	3.43	2.85	3.79	3.04	4.05	3.23	4.17	3.22	4.29	3.21	4.55	3.18	4.76	3.11
21	3.39	2.82	3.75	3.01	4.01	3.19	4.13	3.19	4.25	3.18	4.50	3.14	4.70	3.07
22	3.35	2.79	3.70	2.97	3.97	3.16	4.08	3.15	4.20	3.15	4.45	3.11	4.65	3.04
23	3.32	2.76	3.66	2.94	3.92	3.12	4.04	3.12	4.15	3.11	4.40	3.07	4.60	3.01
24	3.28	2.73	3.62	2.91	3.88	3.09	3.99	3.08	4.11	3.08	4.35	3.04	4.55	2.97
25	3.24	2.70	3.58	2.87	3.84	3.06	3.95	3.05	4.06	3.04	4.30	3.01	4.50	2.94
26	3.21	2.67	3.54	2.84	3.79	3.02	3.90	3.01	4.02	3.01	4.25	2.97	4.45	2.91
27	3.17	2.64	3.50	2.81	3.75	2.99	3.86	2.98	3.97	2.97	4.20	2.94	4.40	2.87
28	3.13	2.61	3.46	2.78	3.71	2.95	3.81	2.94	3.92	2.94	4.16	2.90	4.35	2.84
29	3.10	2.58	3.42	2.74	3.66	2.92	3.77	2.91	3.88	2.90	4.11	2.87	4.29	2.81
30	3.06	2.55	3.38	2.71	3.62	2.88	3.72	2.87	3.83	2.87	4.06	2.83	4.24	2.77
31	3.02	2.52	3.34	2.68	3.57	2.85	3.68	2.84	3.78	2.83	4.01	2.80	4.19	2.74
32	2.99	2.48	3.30	2.65	3.53	2.81	3.63	2.80	3.74	2.80	3.96	2.77	4.14	2.71
33	2.95	2.45	3.26	2.61	3.49	2.78	3.59	2.77	3.69	2.76	3.91	2.73	4.09	2.67
34	2.91	2.42	3.22	2.58	3.44	2.74	3.54	2.73	3.65	2.73	3.86	2.70	4.04	2.64
35	2.87	2.39	3.17	2.55	3.40	2.71	3.50	2.70	3.60	2.70	3.81	2.66	3.99	2.61
36	2.84	2.36	3.13	2.51	3.36	2.67	3.46	2.67	3.55	2.66	3.76	2.63	3.94	2.57
37	2.80	2.33	3.09	2.48	3.31	2.64	3.41	2.63	3.51	2.63	3.71	2.60	3.89	2.54
38	2.76	2.30	3.05	2.45	3.27	2.60	3.37	2.60	3.46	2.59	3.67	2.56	3.83	2.50
39	2.73	2.27	3.01	2.42	3.23	2.57	3.32	2.56	3.42	2.56	3.62	2.53	3.78	2.47
40	2.69	2.24	2.97	2.38	3.18	2.53	3.28	2.53	3.37	2.52	3.57	2.49	3.73	2.44
41	2.65	2.21	2.93	2.35	3.14	2.50	3.23	2.49	3.32	2.49	3.52	2.46	3.68	2.40
42	2.62	2.18	2.89	2.32	3.09	2.46	3.19	2.46	3.28	2.45	3.47	2.42	3.63	2.37
43	2.58	2.15	2.85	2.29	3.05	2.43	3.14	2.42	3.23	2.42	3.42	2.39	3.58	2.34
44	2.54	2.12	2.81	2.25	3.01	2.40	3.10	2.39	3.18	2.38	3.37	2.36	3.53	2.30
45	2.51	2.09	2.77	2.22	2.96	2.36	3.05	2.35	3.14	2.35	3.32	2.32	3.48	2.27
46	2.47	2.05	2.73	2.19	2.92	2.33	3.01	2.32	3.09	2.31	3.27	2.29	3.42	2.24

9. Part Load Performance

Indoor : RAS-B25E2KVG-ND

Outdoor : RAS-25E2AVG-ND

Operation range	Cooling	
	Q	P
MINIMUM	W 1200	270
RATING	W 2500	600
MAXIMUM	W 3200	920

Q : Capacity (W)
P : Power consumption (W)

Cooling

Outdoor Temperature DB (°C)	Parts Load (%)																			
	100 (Max)		90		80		78 (Rate)		60		50		40		30		20		10	
	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P
20	3816	722	3434	641	3053	559	2982	471	2290	355	1908	292	1526	228	1431	212	1431	212	1431	212
21	3775	735	3397	652	3020	569	2950	480	2265	362	1887	297	1510	232	1416	216	1416	216	1416	216
22	3734	749	3360	664	2987	579	2918	488	2240	368	1867	302	1494	236	1400	220	1400	220	1400	220
23	3693	762	3324	676	2954	590	2886	497	2216	375	1846	308	1477	240	1385	224	1385	224	1385	224
24	3652	775	3287	687	2921	600	2853	506	2191	381	1826	313	1461	245	1369	227	1369	227	1369	227
25	3611	788	3250	699	2889	610	2821	514	2166	388	1805	318	1444	249	1354	231	1354	231	1354	231
26	3570	801	3213	711	2856	620	2789	523	2142	394	1785	324	1428	253	1339	235	1339	235	1339	235
27	3529	815	3176	722	2823	630	2757	531	2117	401	1764	329	1411	257	1323	239	1323	239	1323	239
28	3487	828	3139	734	2790	641	2725	540	2092	407	1744	334	1395	261	1308	243	1308	243	1308	243
29	3446	841	3102	746	2757	651	2693	549	2068	414	1723	340	1379	265	1292	247	1292	247	1292	247
30	3405	854	3065	758	2724	661	2661	557	2043	420	1703	345	1362	270	1277	251	1277	251	1277	251
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32	3323	880	2991	781	2659	681	2597	574	1994	433	1662	356	1329	278	1246	258	1246	258	1246	258
33	3282	894	2954	793	2626	692	2565	583	1969	440	1641	361	1313	282	1231	262	1231	262	1231	262
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35	3200	920	2880	816	2560	712	2500	600	1920	453	1600	372	1280	290	1200	270	1200	270	1200	270
36	3159	933	2843	828	2527	722	2468	609	1895	459	1579	377	1264	294	1185	274	1185	274	1185	274
37	3118	946	2806	839	2494	732	2436	617	1871	466	1559	382	1247	299	1169	278	1169	278	1169	278
38	3077	960	2769	851	2461	743	2404	626	1846	472	1538	388	1231	303	1154	282	1154	282	1154	282
39	3036	973	2732	863	2429	753	2372	635	1821	479	1518	393	1214	307	1138	285	1138	285	1138	285
40	2995	986	2695	874	2396	763	2340	643	1797	485	1497	398	1198	311	1123	289	1123	289	1123	289
41	2954	999	2658	886	2363	773	2308	652	1772	492	1477	403	1181	315	1108	293	1108	293	1108	293
42	2913	1012	2621	898	2330	783	2276	660	1748	498	1456	409	1165	319	1092	297	1092	297	1092	297
43	2871	1025	2584	910	2297	794	2244	669	1723	505	1436	414	1149	324	1077	301	1077	301	1077	301
44	2830	1039	2547	921	2264	804	2212	678	1698	511	1415	419	1132	328	1061	305	1061	305	1061	305
45	2789	1052	2510	933	2231	814	2180	686	1674	518	1395	425	1116	332	1046	309	1046	309	1046	309
46	2748	1065	2473	945	2199	824	2147	695	1649	524	1374	430	1099	336	1031	313	1031	313	1031	313

Indoor : RAS-B25E2KVG-ND

Outdoor : RAS-25E2AVG-ND

Operation range		Heating	
		Q	P
MINIMUM	W	1100	210
RATING	W	3200	750
MAXIMUM	W	5000	1400

Heating

Q : Capacity (W)
P : Power consumption (W)

Outdoor Temperature DB (°C)	Parts Load (%)																			
	100 (Max)		90		80		70		64 (Rate)		50		40		30		20		10	
	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P
-25	1600	1000	1440	774	1280	683	1120	591	1003	474	783	360	627	279	470	198	345	133	345	133
-24	1700	1020	1530	790	1360	696	1190	603	1065	484	832	368	666	285	499	202	366	135	366	135
-23	1800	1040	1620	805	1440	710	1260	614	1128	493	881	375	705	290	529	206	388	138	388	138
-22	1900	1060	1710	821	1520	724	1330	626	1191	503	930	382	744	296	558	210	409	141	409	141
-21	2000	1080	1800	836	1600	737	1400	638	1253	512	979	389	783	301	588	214	431	143	431	143
-20	2100	1100	1890	852	1680	751	1470	650	1316	521	1028	396	823	307	617	218	452	146	452	146
-19	2200	1120	1980	867	1760	765	1540	662	1379	531	1077	404	862	313	646	221	474	149	474	149
-18	2300	1140	2070	883	1840	778	1610	674	1441	540	1126	411	901	318	676	225	495	151	495	151
-17	2400	1160	2160	898	1920	792	1680	685	1504	550	1175	418	940	324	705	229	517	154	517	154
-16	2500	1180	2250	914	2000	806	1750	697	1567	559	1224	425	979	329	734	233	539	157	539	157
-15	2600	1200	2291	822	2037	725	1782	627	1629	569	1273	432	1018	335	764	237	560	159	560	159
-14	2680	1210	2362	829	2099	731	1837	633	1680	574	1312	436	1050	338	787	239	577	161	577	161
-13	2760	1220	2432	836	2162	737	1892	638	1730	578	1351	440	1081	340	811	241	595	162	595	162
-12	2840	1230	2503	843	2225	743	1947	643	1780	583	1391	443	1112	343	834	243	612	163	612	163
-11	2920	1240	2573	850	2288	749	2002	648	1830	588	1430	447	1144	346	858	245	629	165	629	165
-10	3000	1250	2644	857	2350	755	2056	654	1880	593	1469	450	1175	349	881	247	646	166	646	166
-9	3058	1263	2695	865	2396	763	2096	660	1917	599	1497	455	1198	352	898	250	659	168	659	168
-8	3117	1275	2747	874	2442	770	2136	667	1953	604	1526	459	1221	356	916	252	671	169	671	169
-7	3175	1288	2798	882	2487	778	2176	673	1990	610	1555	464	1244	359	933	255	684	171	684	171
-6	3233	1300	2850	891	2533	785	2216	680	2026	616	1583	468	1266	363	950	257	697	173	697	173
-5	3292	1313	2901	900	2579	793	2256	686	2063	622	1612	473	1289	366	967	260	709	174	709	174
-4	3350	1325	2952	908	2624	800	2296	693	2099	628	1640	477	1312	370	984	262	722	176	722	176
-3	3408	1338	3004	917	2670	808	2336	699	2136	634	1669	482	1335	373	1001	265	734	178	734	178
-2	3467	1350	3055	925	2716	816	2376	706	2173	640	1697	486	1358	377	1018	267	747	179	747	179
-1	3525	1363	3107	934	2761	823	2416	712	2209	646	1726	491	1381	380	1036	269	759	181	759	181
0	3583	1375	3158	942	2807	831	2456	719	2246	652	1754	495	1404	384	1053	272	772	183	772	183
1	3642	1388	3209	951	2853	838	2496	725	2282	658	1783	500	1426	387	1070	274	785	184	785	184
2	3700	1400	3261	960	2899	846	2536	732	2319	664	1812	504	1449	391	1087	277	797	186	797	186
3	3767	1407	3314	972	2946	857	2578	742	2357	673	1841	511	1473	396	1105	281	809	192	809	192
4	3833	1414	3368	985	2994	869	2619	752	2395	682	1871	518	1497	401	1123	284	821	198	821	198
5	3900	1421	3421	998	3041	880	2661	762	2433	690	1901	525	1520	406	1140	288	833	203	833	203
6	4871	1378	4384	1067	3897	941	3410	814	3117	738	2435	561	1948	435	1461	308	1072	207	1072	207
7	5000	1400	4500	1084	4000	956	3500	827	3200	750	2500	570	2000	441	1500	313	1100	210	1100	210
8	5129	1422	4616	1101	4103	971	3590	840	3283	762	2565	579	2052	448	1539	318	1128	213	1128	213
9	5258	1443	4732	1118	4206	985	3681	853	3365	773	2629	588	2103	455	1577	323	1157	217	1157	217
10	5387	1465	4848	1135	4310	1000	3771	866	3448	785	2694	596	2155	462	1616	327	1185	220	1185	220
11	5516	1487	4965	1151	4413	1015	3861	878	3530	796	2758	605	2206	469	1655	332	1214	223	1214	223
12	5645	1508	5081	1168	4516	1030	3952	891	3613	808	2823	614	2258	476	1694	337	1242	226	1242	226
13	5774	1530	5197	1185	4619	1045	4042	904	3695	820	2887	623	2310	482	1732	342	1270	230	1270	230
14	5903	1552	5313	1202	4723	1059	4132	917	3778	831	2952	632	2361	489	1771	347	1299	233	1299	233
15	6032	1573	5429	1219	4826	1074	4223	930	3861	843	3016	641	2413	496	1810	352	1327	236	1327	236
16	6161	1595	5545	1235	4929	1089	4313	942	3943	855	3081	649	2465	503	1848	356	1355	239	1355	239
17	6290	1617	5661	1252	5032	1104	4403	955	4026	866	3145	658	2516	510	1887	361	1384	243	1384	243
18	6419	1638	5777	1269	5135	1118	4494	968	4108	878	3210	667	2568	517	1926	366	1412	246	1412	246
19	6548	1660	5894	1286	5239	1133	4584	981	4191	889	3274	676	2619	523	1965	371	1441	249	1441	249
20	6677	1682	6010	1303	5342	1148	4674	994	4274	901	3339	685	2671	530	2003	376	1469	252	1469	252
21	6806	1703	6126	1319	5445	1163	4765	1006	4356	913	3403	694	2723	537	2042	381	1497	256	1497	256
22	6935	1725	6242	1336	5548	1178	4855	1019	4439	924	3468	702	2774	544	2081	386	1526	259	1526	259
23	7065	1747	6358	1353	5652	1192	4945	1032	4521	936	3532	711	2826	551	2119	390	1554	262	1554	262
24	7194	1769	6474	1370	5755	1207	5035	1045	4604	947	3597	720	2877	558	2158	395	1583	265	1583	265

Indoor : RAS-B35E2KVG-ND

Outdoor : RAS-35E2AVG-ND

Operation range	Cooling	
	Q	P
MINIMUM	W 1400	340
RATING	W 3500	1050
MAXIMUM	W 4400	1200

Cooling

Q : Capacity (W)

P : Power consumption (W)

Outdoor Temperature DB (°C)	Parts Load (%)																			
	100 (Max)		90		79 (Rate)		70		60		50		40		30		20		10	
	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P
20	5247	942	4722	843	4174	824	3673	713	3148	596	2624	479	2099	362	1670	267	1670	267	1670	267
21	5191	959	4671	856	4129	839	3633	726	3114	607	2595	488	2076	369	1652	272	1652	272	1652	272
22	5134	976	4621	874	4084	854	3594	739	3080	618	2567	497	2054	376	1634	277	1634	277	1634	277
23	5078	994	4570	889	4039	869	3554	752	3047	629	2539	505	2031	382	1616	282	1616	282	1616	282
24	5021	1011	4519	905	3994	884	3515	765	3013	640	2511	514	2008	389	1598	286	1598	286	1598	286
25	4965	1028	4468	920	3949	900	3475	778	2979	650	2482	523	1986	396	1580	291	1580	291	1580	291
26	4908	1045	4417	935	3904	915	3436	791	2945	661	2454	532	1963	402	1562	296	1562	296	1562	296
27	4852	1062	4367	951	3859	930	3396	804	2911	672	2426	540	1941	409	1544	301	1544	301	1544	301
28	4795	1080	4316	966	3814	945	3357	817	2877	683	2398	549	1918	415	1526	306	1526	306	1526	306
29	4739	1097	4265	982	3770	960	3317	830	2843	694	2369	558	1896	422	1508	311	1508	311	1508	311
30	4682	1114	4214	997	3725	975	3278	843	2809	705	2341	567	1873	429	1490	316	1490	316	1490	316
31	4626	1131	4163	1012	3680	990	3238	856	2776	716	2313	575	1850	435	1472	321	1472	321	1472	321
32	4569	1148	4112	1028	3635	1005	3199	869	2742	727	2285	584	1828	442	1454	325	1454	325	1454	325
33	4513	1166	4062	1043	3590	1020	3159	882	2708	737	2256	593	1805	448	1436	330	1436	330	1436	330
34	4456	1183	4011	1058	3545	1035	3120	895	2674	748	2228	602	1783	455	1418	335	1418	335	1418	335
35	4400	1200	3960	1074	3500	1050	3080	908	2640	759	2200	610	1760	462	1400	340	1400	340	1400	340
36	4344	1217	3909	1089	3455	1065	3040	921	2606	770	2172	619	1737	468	1382	345	1382	345	1382	345
37	4287	1234	3858	1105	3410	1080	3001	934	2572	781	2144	628	1715	475	1364	350	1364	350	1364	350
38	4231	1252	3808	1120	3365	1095	2961	947	2538	792	2115	637	1692	482	1346	355	1346	355	1346	355
39	4174	1269	3757	1135	3320	1110	2922	960	2504	803	2087	645	1670	488	1328	359	1328	359	1328	359
40	4118	1286	3706	1151	3275	1125	2882	973	2471	814	2059	654	1647	495	1310	364	1310	364	1310	364
41	4061	1303	3655	1166	3231	1140	2843	986	2437	825	2031	663	1624	501	1292	369	1292	369	1292	369
42	3924	1304	3531	1167	3186	1155	2803	999	2403	835	2002	672	1602	508	1274	374	1274	374	1274	374
43	3786	1304	3408	1167	3141	1170	2764	1012	2369	846	1974	680	1579	515	1256	379	1256	379	1256	379
44	3653	1304	3288	1167	3096	1185	2724	1025	2335	857	1946	689	1557	521	1238	384	1238	384	1238	384
45	3525	1304	3172	1167	3051	1201	2685	1038	2301	868	1918	698	1534	528	1220	389	1220	389	1220	389
46	3400	1304	3060	1167	3006	1216	2645	1051	2267	879	1889	707	1512	535	1202	394	1202	394	1202	394

Indoor : RAS-B35E2KVG-ND
Outdoor : RAS-35E2AVG-ND

Operation range	Heating	
	Q	P
MINIMUM	W 1300	270
RATING	W 4200	1080
MAXIMUM	W 5600	1800

Heating

Q : Capacity (W)
P : Power consumption (W)

Outdoor Temperature DB (°C)	Parts Load (%)																			
	100 (Max)		90		80		75 (Rate)		60		50		40		30		20		10	
	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P
-25	2200	1200	1980	1067	1760	934	1488	675	1190	528	992	430	794	333	595	216	461	169	461	169
-24	2300	1220	2070	1085	1840	950	1556	686	1244	537	1037	438	830	338	622	220	481	171	481	171
-23	2400	1240	2160	1103	1920	965	1623	697	1299	546	1082	445	866	344	649	223	502	174	502	174
-22	2500	1260	2250	1121	2000	981	1691	708	1353	554	1127	452	902	349	676	227	523	177	523	177
-21	2600	1280	2340	1138	2080	997	1758	720	1407	563	1172	459	938	355	703	231	544	180	544	180
-20	2700	1300	2430	1156	2160	1012	1826	731	1461	572	1217	466	974	360	730	234	565	183	565	183
-19	2780	1320	2502	1174	2224	1028	1880	742	1504	581	1253	473	1003	366	752	238	582	186	582	186
-18	2860	1340	2574	1192	2288	1043	1934	753	1547	590	1290	481	1032	371	774	241	599	188	599	188
-17	2940	1360	2646	1209	2352	1059	1988	765	1591	598	1326	488	1060	377	795	245	615	191	615	191
-16	3020	1380	2718	1227	2416	1074	2043	776	1634	607	1362	495	1089	383	817	249	632	194	632	194
-15	3100	1400	2790	1245	2480	1090	2097	787	1677	616	1398	502	1118	388	839	252	649	197	649	197
-14	3200	1420	2897	1263	2597	1108	2164	798	1731	625	1443	509	1154	394	866	256	670	200	670	200
-13	3300	1440	2978	1281	2681	1126	2232	810	1786	634	1488	516	1190	399	893	259	691	202	691	202
-12	3400	1460	3059	1300	2765	1144	2300	821	1840	643	1533	524	1226	405	920	263	712	205	712	205
-11	3500	1480	3140	1318	2849	1162	2367	832	1894	651	1578	531	1262	410	947	267	733	208	733	208
-10	3600	1500	3221	1336	2933	1180	2435	843	1948	660	1623	538	1299	416	974	270	754	211	754	211
-9	3675	1517	3283	1353	2997	1200	2486	853	1988	667	1657	544	1326	420	994	273	769	213	769	213
-8	3750	1533	3345	1370	3061	1219	2536	862	2029	675	1691	550	1353	425	1014	276	785	216	785	216
-7	3825	1550	3407	1387	3125	1238	2587	871	2070	682	1725	556	1380	430	1035	279	801	218	801	218
-6	3900	1567	3469	1404	3189	1257	2638	881	2110	689	1758	562	1407	434	1055	282	816	220	816	220
-5	3975	1583	3531	1421	3253	1276	2688	890	2151	697	1792	568	1434	439	1075	285	832	223	832	223
-4	4050	1600	3593	1438	3317	1295	2739	900	2191	704	1826	574	1461	444	1096	288	848	225	848	225
-3	4125	1617	3655	1455	3381	1314	2790	909	2232	711	1860	580	1488	448	1116	291	864	227	864	227
-2	4200	1633	3717	1472	3445	1333	2841	918	2272	719	1894	586	1515	453	1136	294	879	230	879	230
-1	4275	1650	3779	1489	3509	1352	2891	928	2313	726	1928	592	1542	457	1157	297	895	232	895	232
0	4350	1667	3841	1506	3573	1371	2942	937	2354	733	1961	598	1569	462	1177	300	911	234	911	234
1	4425	1683	3903	1523	3637	1390	2993	946	2394	741	1995	604	1596	467	1197	303	926	237	926	237
2	4500	1700	3965	1540	3701	1409	3043	956	2435	748	2029	610	1623	471	1217	306	942	239	942	239
3	4609	1702	3712	1436	3300	1257	3093	969	2475	758	2062	618	1650	478	1343	316	1039	247	1039	247
4	4717	1703	3772	1455	3353	1274	3143	981	2515	768	2095	626	1676	484	1468	326	1136	254	1136	254
5	4826	1705	3832	1474	3406	1290	3193	994	2554	778	2129	634	1703	490	1593	335	1233	262	1233	262
6	5455	1772	4910	1576	4364	1380	4092	1063	3273	832	2728	678	2182	524	1637	341	1266	266	1266	266
7	5600	1800	5040	1601	4480	1401	4200	1080	3360	845	2800	689	2240	533	1680	346	1300	270	1300	270
8	5745	1828	5170	1626	4596	1423	4308	1097	3447	858	2872	700	2298	541	1723	351	1334	274	1334	274
9	5889	1856	5300	1650	4711	1445	4417	1113	3533	872	2945	710	2356	549	1767	357	1367	278	1367	278
10	6034	1884	5430	1675	4827	1467	4525	1130	3620	885	3017	721	2413	557	1810	362	1401	283	1401	283
11	6178	1911	5560	1700	4942	1488	4634	1147	3707	898	3089	732	2471	566	1853	367	1434	287	1434	287
12	6323	1939	5690	1725	5058	1510	4742	1164	3794	911	3161	742	2529	574	1897	373	1468	291	1468	291
13	6467	1967	5820	1749	5174	1532	4850	1180	3880	924	3234	753	2587	582	1940	378	1501	295	1501	295
14	6612	1995	5950	1774	5289	1553	4959	1197	3967	937	3306	764	2645	590	1983	384	1535	299	1535	299
15	6756	2023	6081	1799	5405	1575	5067	1214	4054	950	3378	774	2702	599	2027	389	1568	303	1568	303
16	6901	2051	6211	1824	5521	1597	5175	1231	4140	963	3450	785	2760	607	2070	394	1602	308	1602	308
17	7045	2079	6341	1849	5636	1618	5284	1247	4227	976	3523	796	2818	615	2114	400	1635	312	1635	312
18	7190	2107	6471	1873	5752	1640	5392	1264	4314	989	3595	806	2876	623	2157	405	1669	316	1669	316
19	7334	2134	6601	1898	5867	1662	5501	1281	4401	1002	3667	817	2934	632	2200	410	1703	320	1703	320
20	7479	2162	6731	1923	5983	1684	5609	1297	4487	1016	3739	828	2991	640	2244	416	1736	324	1736	324
21	7623	2190	6861	1948	6099	1705	5717	1314	4574	1029	3812	838	3049	648	2287	421	1770	329	1770	329
22	7768	2218	6991	1973	6214	1727	5826	1331	4661	1042	3884	849	3107	656	2330	426	1803	333	1803	333
23	7912	2246	7121	1997	6330	1749	5934	1348	4747	1055	3956	860	3165	664	2374	432	1837	337	1837	337
24	8049	2270	7251	2022	6445	1770	6043	1364	4834	1068	4028	870	3223	673	2417	437	1870	341	1870	341

10. Performance Characteristic

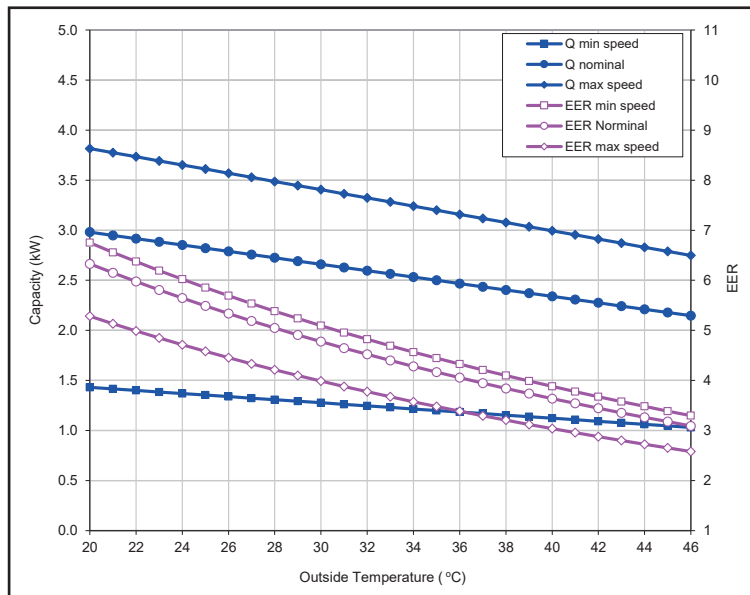
RAS-B25E2KVG-ND ; RAS-25E2AVG-ND

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	1.20	0.27	4.44
	Rated	2.50	0.60	4.17
	Max	3.20	0.92	3.48
Heating JIS In: 20 °C DB/15°C WB Out: 7 °C DB/6°C WB	Min	1.10	0.21	5.24
	Rated	3.20	0.75	4.27
	Max	5.00	1.40	3.57
Heating Low Temp. In: 20 °C DB/15°C WB Out: 2 °C DB/1°C WB	Max	3.70	1.40	2.64
Heating Low Temp. In: 20 °C DB/15°C WB Out: -10 °C DB	Max	3.00	1.25	2.40
Heating Low Temp. In: 20 °C DB/15°C WB Out: -15 °C DB	Max	2.60	1.20	2.17
Heating Low Temp. In: 20 °C DB/15°C WB Out: -20 °C DB	Max	2.10	1.100	1.91
Heating Low Temp. In: 20 °C DB/15°C WB Out: -25 °C DB	Max	1.60	1.000	1.60

Cooling performance characteristic :

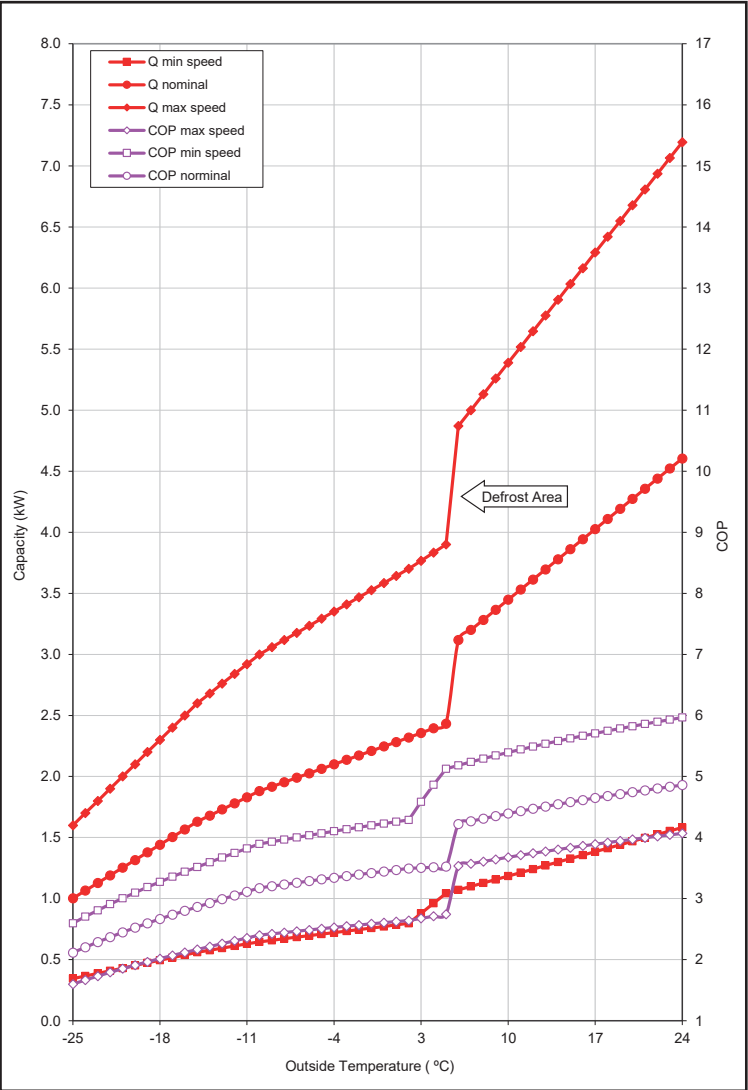
Outside Temp (°C)	Min capacity			Nominal capacity			Max capacity		
	Capacity (kW)	Power (kW)	EER (-)	Capacity (kW)	Power (kW)	EER (-)	Capacity (kW)	Power (kW)	EER (-)
20	1.43	0.21	6.75	2.98	0.47	6.33	3.82	0.72	5.28
21	1.42	0.22	6.56	2.95	0.48	6.15	3.77	0.74	5.13
22	1.40	0.22	6.37	2.92	0.49	5.98	3.73	0.75	4.99
23	1.38	0.22	6.19	2.89	0.50	5.81	3.69	0.76	4.85
24	1.37	0.23	6.02	2.85	0.51	5.64	3.65	0.77	4.71
25	1.35	0.23	5.85	2.82	0.51	5.49	3.61	0.79	4.58
26	1.34	0.24	5.69	2.79	0.52	5.34	3.57	0.80	4.45
27	1.32	0.24	5.54	2.76	0.53	5.19	3.53	0.81	4.33
28	1.31	0.24	5.38	2.72	0.54	5.05	3.49	0.83	4.21
29	1.29	0.25	5.24	2.69	0.55	4.91	3.45	0.84	4.10
30	1.28	0.25	5.09	2.66	0.56	4.78	3.41	0.85	3.99
31	1.26	0.25	4.96	2.63	0.57	4.65	3.36	0.87	3.88
32	1.25	0.26	4.82	2.60	0.57	4.52	3.32	0.88	3.77
33	1.23	0.26	4.69	2.56	0.58	4.40	3.28	0.89	3.67
34	1.22	0.27	4.57	2.53	0.59	4.28	3.24	0.91	3.57
35	1.20	0.27	4.44	2.50	0.60	4.17	3.20	0.92	3.48
36	1.18	0.27	4.33	2.47	0.61	4.06	3.16	0.93	3.39
37	1.17	0.28	4.21	2.44	0.62	3.95	3.12	0.95	3.29
38	1.15	0.28	4.10	2.40	0.63	3.84	3.08	0.96	3.21
39	1.14	0.29	3.99	2.37	0.63	3.74	3.04	0.97	3.12
40	1.12	0.29	3.88	2.34	0.64	3.64	2.99	0.99	3.04
41	1.11	0.29	3.78	2.31	0.65	3.54	2.95	1.00	2.96
42	1.09	0.30	3.68	2.28	0.66	3.45	2.91	1.01	2.88
43	1.08	0.30	3.58	2.24	0.67	3.35	2.87	1.03	2.80
44	1.06	0.30	3.48	2.21	0.68	3.26	2.83	1.04	2.72
45	1.05	0.31	3.39	2.18	0.69	3.18	2.79	1.05	2.65
46	1.03	0.31	3.30	2.15	0.69	3.09	2.75	1.07	2.58



RAS-B25E2KVG-ND ; RAS-25E2AVG-ND

Heating performance characteristic :

Outside Temp (°C)	Min capacity			Nominal capacity			Max capacity		
	Capacity (kW)	Power (kW)	COP (-)	Capacity (kW)	Power (kW)	COP (-)	Capacity (kW)	Power (kW)	COP (-)
-25	0.34	0.13	2.60	1.00	0.47	2.12	1.60	1.00	1.60
-24	0.37	0.14	2.70	1.07	0.48	2.20	1.70	1.02	1.67
-23	0.39	0.14	2.81	1.13	0.49	2.29	1.80	1.04	1.73
-22	0.41	0.14	2.91	1.19	0.50	2.37	1.90	1.06	1.79
-21	0.43	0.14	3.01	1.25	0.51	2.45	2.00	1.08	1.85
-20	0.45	0.15	3.10	1.32	0.52	2.52	2.10	1.10	1.91
-19	0.47	0.15	3.19	1.38	0.53	2.60	2.20	1.12	1.96
-18	0.50	0.15	3.27	1.44	0.54	2.67	2.30	1.14	2.02
-17	0.52	0.15	3.36	1.50	0.55	2.74	2.40	1.16	2.07
-16	0.54	0.16	3.44	1.57	0.56	2.80	2.50	1.18	2.12
-15	0.56	0.16	3.52	1.63	0.57	2.86	2.60	1.20	2.17
-14	0.58	0.16	3.59	1.68	0.57	2.93	2.68	1.21	2.21
-13	0.59	0.16	3.67	1.73	0.58	2.99	2.76	1.22	2.26
-12	0.61	0.16	3.75	1.78	0.58	3.05	2.84	1.23	2.31
-11	0.63	0.16	3.82	1.83	0.59	3.11	2.92	1.24	2.35
-10	0.65	0.17	3.90	1.88	0.59	3.17	3.00	1.25	2.40
-9	0.66	0.17	3.93	1.92	0.60	3.20	3.06	1.26	2.42
-8	0.67	0.17	3.97	1.95	0.60	3.23	3.12	1.28	2.44
-7	0.68	0.17	4.00	1.99	0.61	3.26	3.18	1.29	2.47
-6	0.70	0.17	4.04	2.03	0.62	3.29	3.23	1.30	2.49
-5	0.71	0.17	4.07	2.06	0.62	3.32	3.29	1.31	2.51
-4	0.72	0.18	4.10	2.10	0.63	3.34	3.35	1.33	2.53
-3	0.73	0.18	4.14	2.14	0.63	3.37	3.41	1.34	2.55
-2	0.75	0.18	4.17	2.17	0.64	3.39	3.47	1.35	2.57
-1	0.76	0.18	4.20	2.21	0.65	3.42	3.53	1.36	2.59
0	0.77	0.18	4.23	2.25	0.65	3.45	3.58	1.38	2.61
1	0.78	0.18	4.26	2.28	0.66	3.47	3.64	1.39	2.62
2	0.80	0.19	4.29	2.32	0.66	3.49	3.70	1.40	2.64
3	0.88	0.19	4.59	2.36	0.67	3.50	3.77	1.41	2.68
4	0.96	0.20	4.86	2.39	0.68	3.51	3.83	1.41	2.71
5	1.04	0.20	5.13	2.43	0.69	3.52	3.90	1.42	2.74
6	1.07	0.21	5.18	3.12	0.74	4.22	4.87	1.38	3.53
7	1.10	0.21	5.24	3.20	0.75	4.27	5.00	1.40	3.57
8	1.13	0.21	5.29	3.28	0.76	4.31	5.13	1.42	3.61
9	1.16	0.22	5.34	3.37	0.77	4.35	5.26	1.44	3.64
10	1.19	0.22	5.39	3.45	0.78	4.39	5.39	1.47	3.68
11	1.21	0.22	5.44	3.53	0.80	4.43	5.52	1.49	3.71
12	1.24	0.23	5.49	3.61	0.81	4.47	5.65	1.51	3.74
13	1.27	0.23	5.53	3.70	0.82	4.51	5.77	1.53	3.77
14	1.30	0.23	5.58	3.78	0.83	4.54	5.90	1.55	3.80
15	1.33	0.24	5.62	3.86	0.84	4.58	6.03	1.57	3.83
16	1.36	0.24	5.67	3.94	0.85	4.61	6.16	1.60	3.86
17	1.38	0.24	5.71	4.03	0.87	4.65	6.29	1.62	3.89
18	1.41	0.25	5.75	4.11	0.88	4.68	6.42	1.64	3.92
19	1.44	0.25	5.79	4.19	0.89	4.71	6.55	1.66	3.94
20	1.47	0.25	5.82	4.27	0.90	4.74	6.68	1.68	3.97
21	1.50	0.26	5.86	4.36	0.91	4.77	6.81	1.70	4.00
22	1.53	0.26	5.90	4.44	0.92	4.80	6.94	1.73	4.02
23	1.55	0.26	5.93	4.52	0.94	4.83	7.06	1.75	4.04
24	1.58	0.27	5.97	4.60	0.95	4.86	7.19	1.77	4.07



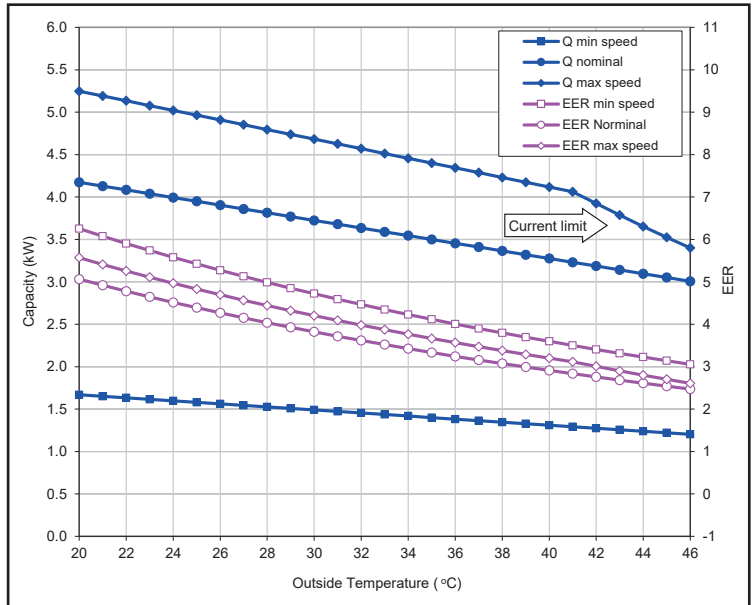
RAS-B35E2KVG-ND ; RAS-35E2AVG-ND

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	1.40	0.34	4.12
	Rated	3.50	1.05	3.33
	Max	4.40	1.20	3.67
Heating JIS In: 20 °C DB/15°C WB Out: 7°C DB/6°C WB	Min	1.30	0.27	4.81
	Rated	4.20	1.08	3.89
	Max	5.60	1.80	3.11
Heating Low Temp. In: 20 °C DB/15°C WB Out: 2°C DB/1°C WB	Max	4.50	1.70	2.65
Heating Low Temp. In: 20 °C DB/15°C WB Out: -10°C DB	Max	3.60	1.50	2.40
Heating Low Temp. In: 20 °C DB/15°C WB Out: -15°C DB	Max	3.10	1.40	2.21
Heating Low Temp. In: 20 °C DB/15°C WB Out: -20°C DB	Max	2.70	1.300	2.08
Heating Low Temp. In: 20 °C DB/15°C WB Out: -25°C DB	Max	2.20	1.200	1.83

Cooling performance characteristic :

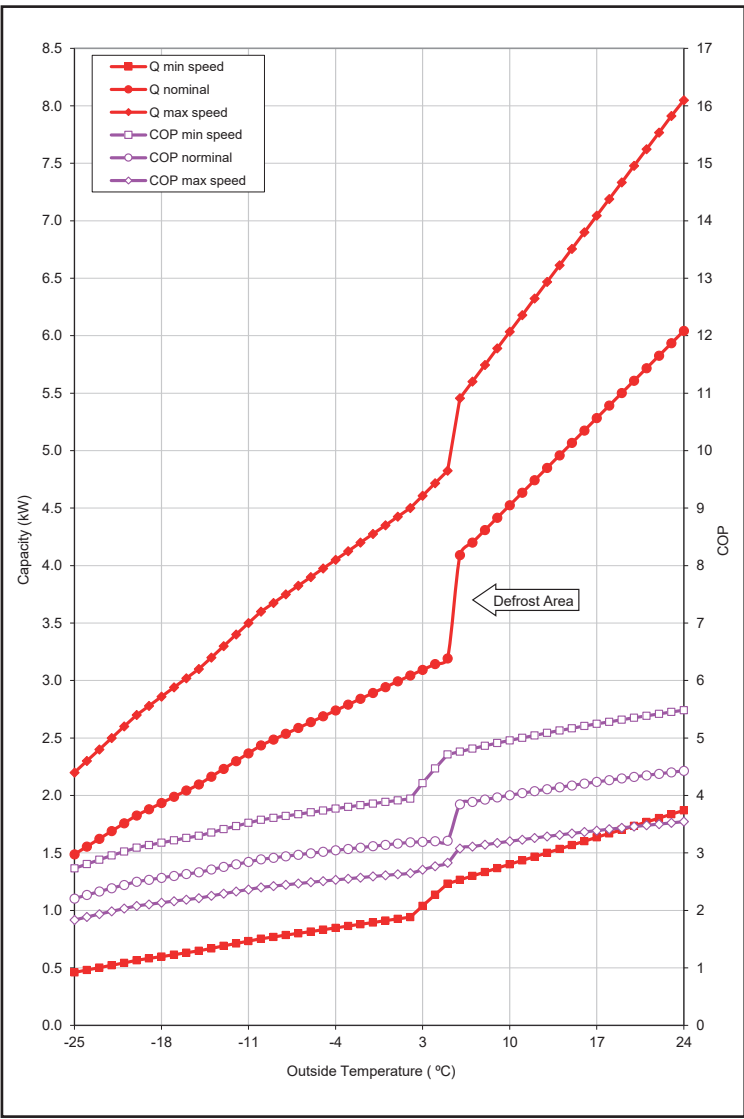
Outside Temp (°C)	Min capacity			Nominal capacity			Max capacity		
	Capacity (kW)	Power (kW)	EER	Capacity (kW)	Power (kW)	EER	Capacity (kW)	Power (kW)	EER
20	1.67	0.27	6.26	4.17	0.82	5.06	5.25	0.94	5.57
21	1.65	0.27	6.08	4.13	0.84	4.92	5.19	0.96	5.41
22	1.63	0.28	5.90	4.08	0.85	4.78	5.13	0.98	5.26
23	1.62	0.28	5.74	4.04	0.87	4.65	5.08	0.99	5.11
24	1.60	0.29	5.58	3.99	0.88	4.52	5.02	1.01	4.97
25	1.58	0.29	5.42	3.95	0.90	4.39	4.96	1.03	4.83
26	1.56	0.30	5.27	3.90	0.91	4.27	4.91	1.05	4.70
27	1.54	0.30	5.13	3.86	0.93	4.15	4.85	1.06	4.57
28	1.53	0.31	4.99	3.81	0.94	4.04	4.80	1.08	4.44
29	1.51	0.31	4.85	3.77	0.96	3.93	4.74	1.10	4.32
30	1.49	0.32	4.72	3.72	0.97	3.82	4.68	1.11	4.20
31	1.47	0.32	4.59	3.68	0.99	3.72	4.63	1.13	4.09
32	1.45	0.33	4.47	3.63	1.00	3.62	4.57	1.15	3.98
33	1.44	0.33	4.35	3.59	1.02	3.52	4.51	1.17	3.87
34	1.42	0.34	4.23	3.54	1.03	3.43	4.46	1.18	3.77
35	1.40	0.34	4.12	3.50	1.05	3.33	4.40	1.20	3.67
36	1.38	0.34	4.01	3.46	1.07	3.24	4.34	1.22	3.57
37	1.36	0.35	3.90	3.41	1.08	3.16	4.29	1.23	3.47
38	1.35	0.35	3.80	3.37	1.10	3.07	4.23	1.25	3.38
39	1.33	0.36	3.69	3.32	1.11	2.99	4.17	1.27	3.29
40	1.31	0.36	3.60	3.28	1.13	2.91	4.12	1.29	3.20
41	1.29	0.37	3.50	3.23	1.14	2.83	4.06	1.30	3.12
42	1.27	0.37	3.41	3.19	1.16	2.76	3.92	1.30	3.01
43	1.26	0.38	3.31	3.14	1.17	2.68	3.79	1.30	2.90
44	1.24	0.38	3.23	3.10	1.19	2.61	3.65	1.30	2.80
45	1.22	0.39	3.14	3.05	1.20	2.54	3.52	1.30	2.70
46	1.20	0.39	3.05	3.01	1.22	2.47	3.40	1.30	2.61



RAS-B35E2KVG-ND ; RAS-35E2AVG-ND

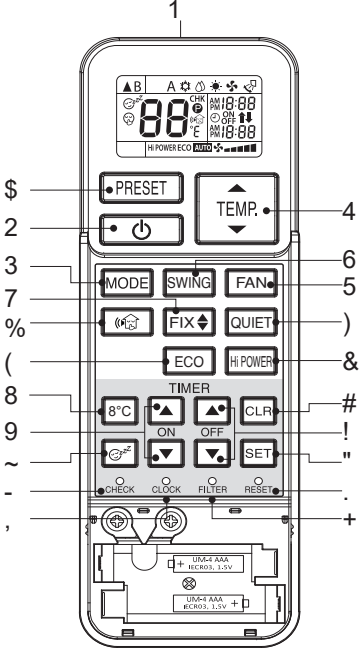
Heating performance characteristic :

Outside Temp (°C)	Min capacity			Nominal capacity			Max capacity		
	Capacity (kW)	Power (kW)	COP (-)	Capacity (kW)	Power (kW)	COP (-)	Capacity (kW)	Power (kW)	COP (-)
-25	0.46	0.17	2.73	1.49	0.67	2.21	2.20	1.20	1.83
-24	0.48	0.17	2.81	1.56	0.69	2.27	2.30	1.22	1.89
-23	0.50	0.17	2.88	1.62	0.70	2.33	2.40	1.24	1.94
-22	0.52	0.18	2.96	1.69	0.71	2.39	2.50	1.26	1.98
-21	0.54	0.18	3.03	1.76	0.72	2.44	2.60	1.28	2.03
-20	0.57	0.18	3.09	1.83	0.73	2.50	2.70	1.30	2.08
-19	0.58	0.19	3.14	1.88	0.74	2.53	2.78	1.32	2.11
-18	0.60	0.19	3.18	1.93	0.75	2.57	2.86	1.34	2.13
-17	0.62	0.19	3.22	1.99	0.76	2.60	2.94	1.36	2.16
-16	0.63	0.19	3.26	2.04	0.78	2.63	3.02	1.38	2.19
-15	0.65	0.20	3.30	2.10	0.79	2.66	3.10	1.40	2.21
-14	0.67	0.20	3.36	2.16	0.80	2.71	3.20	1.42	2.25
-13	0.69	0.20	3.41	2.23	0.81	2.76	3.30	1.44	2.29
-12	0.71	0.21	3.47	2.30	0.82	2.80	3.40	1.46	2.33
-11	0.73	0.21	3.52	2.37	0.83	2.84	3.50	1.48	2.36
-10	0.75	0.21	3.57	2.43	0.84	2.89	3.60	1.50	2.40
-9	0.77	0.21	3.61	2.49	0.85	2.91	3.68	1.52	2.42
-8	0.79	0.22	3.64	2.54	0.86	2.94	3.75	1.53	2.45
-7	0.80	0.22	3.68	2.59	0.87	2.97	3.83	1.55	2.47
-6	0.82	0.22	3.71	2.64	0.88	2.99	3.90	1.57	2.49
-5	0.83	0.22	3.74	2.69	0.89	3.02	3.98	1.58	2.51
-4	0.85	0.22	3.77	2.74	0.90	3.05	4.05	1.60	2.53
-3	0.86	0.23	3.80	2.79	0.91	3.07	4.13	1.62	2.55
-2	0.88	0.23	3.83	2.84	0.92	3.09	4.20	1.63	2.57
-1	0.89	0.23	3.86	2.89	0.93	3.12	4.28	1.65	2.59
0	0.91	0.23	3.89	2.94	0.94	3.14	4.35	1.67	2.61
1	0.93	0.24	3.92	2.99	0.95	3.16	4.43	1.68	2.63
2	0.94	0.24	3.94	3.04	0.96	3.18	4.50	1.70	2.65
3	1.04	0.25	4.21	3.09	0.97	3.19	4.61	1.70	2.71
4	1.14	0.25	4.47	3.14	0.98	3.20	4.72	1.70	2.77
5	1.23	0.26	4.71	3.19	0.99	3.21	4.83	1.71	2.83
6	1.27	0.27	4.76	4.09	1.06	3.85	5.46	1.77	3.08
7	1.30	0.27	4.81	4.20	1.08	3.89	5.60	1.80	3.11
8	1.33	0.27	4.86	4.31	1.10	3.93	5.74	1.83	3.14
9	1.37	0.28	4.91	4.42	1.11	3.97	5.89	1.86	3.17
10	1.40	0.28	4.96	4.53	1.13	4.00	6.03	1.88	3.20
11	1.43	0.29	5.00	4.63	1.15	4.04	6.18	1.91	3.23
12	1.47	0.29	5.05	4.74	1.16	4.08	6.32	1.94	3.26
13	1.50	0.30	5.09	4.85	1.18	4.11	6.47	1.97	3.29
14	1.53	0.30	5.13	4.96	1.20	4.14	6.61	2.00	3.31
15	1.57	0.30	5.17	5.07	1.21	4.17	6.76	2.02	3.34
16	1.60	0.31	5.21	5.18	1.23	4.21	6.90	2.05	3.36
17	1.64	0.31	5.25	5.28	1.25	4.24	7.05	2.08	3.39
18	1.67	0.32	5.28	5.39	1.26	4.27	7.19	2.11	3.41
19	1.70	0.32	5.32	5.50	1.28	4.30	7.33	2.13	3.44
20	1.74	0.32	5.35	5.61	1.30	4.32	7.48	2.16	3.46
21	1.77	0.33	5.39	5.72	1.31	4.35	7.62	2.19	3.48
22	1.80	0.33	5.42	5.83	1.33	4.38	7.77	2.22	3.50
23	1.84	0.34	5.45	5.93	1.35	4.40	7.91	2.25	3.52
24	1.87	0.34	5.48	6.04	1.36	4.43	8.05	2.27	3.55

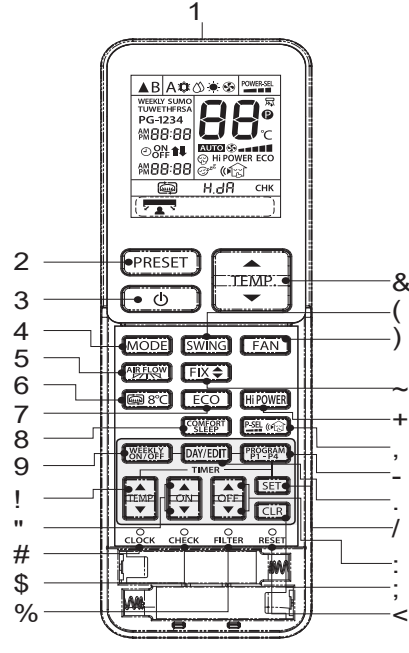


10. Accessories

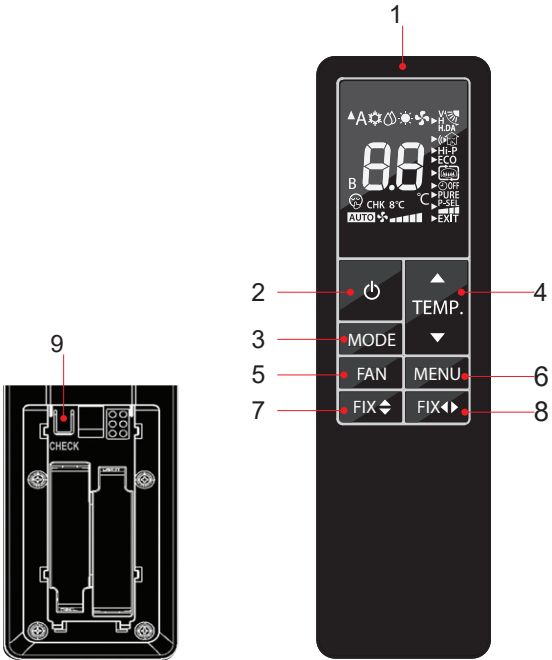
Standard RC : WH-TG01NE

Appearance	Remote control features
	1 Infrared signal emitter 2 Start/Stop button 3 Mode select button (MODE) 4 Temperature button (TEMP) 5 Fan speed button (FAN) 6 Swing louver button (SWING) 7 Set louver button (FIX) 8 8°C Heating Operation (8°C) 9 On timer button (ON) ! Off timer button (OFF) " Setup button (SET) # Clear button (CLR) \$ Memory and Preset button (PRESET) % Silent operation button (SILENT) & High power button (Hi POWER) (Eco button (ECO)) Quiet button (QUIET) ~ Comfort sleep button (COMFORT SLEEP) + Filter reset button (FILTER) , Set clock button (CLOCK) - Check button (CHECK) . Reset button (RESET)

Option RC : RB-RXS33-E

Appearance	Remote control features
	1 Infrared signal emitter 2 Memory and Preset button (PRESET) 3 Start/Stop button 4 Mode select button (MODE) 5 Air flow/HADA CARE FLOW button 6 Fireplace/8°C button 7 ECO button 8 Comfort sleep button (COMFORT SLEEP) 9 Weekly timer (ON/OFF) ! Temp for Weekly timer " On timer button (ON) # Set clock button (CLOCK) \$ Check button (CHECK) % Filter reset button (FILTER) & Temperature button (TEMP) (Swing louver button (SWING)) Fan speed button (FAN) ~ Set louver button (FIX) + High power button (Hi POWER) , Power selection/Silent button (P-SEL/SILENT) - Program P1 - P4 . Day/Edit button / Setup button (SET) : Off timer button (OFF) ; Clear button (CLR) < Reset button (RESET)

Option RC : RB-RXS34-E

Appearance	Remote control features
	1 Infrared signal emitter 2 Start/Stop button 3 Mode select button 4 Temperature button 5 Fan speed button 6 Menu select button 7 Set louver Up-Down button 8 Set louver Left-Right button 9 Check button* *Check button under battery cover

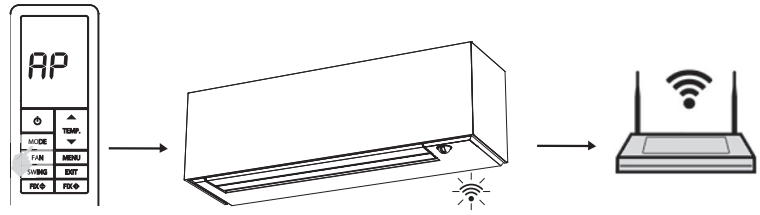
Toshiba Home AC Control application support



iOS : 9.0 or later.



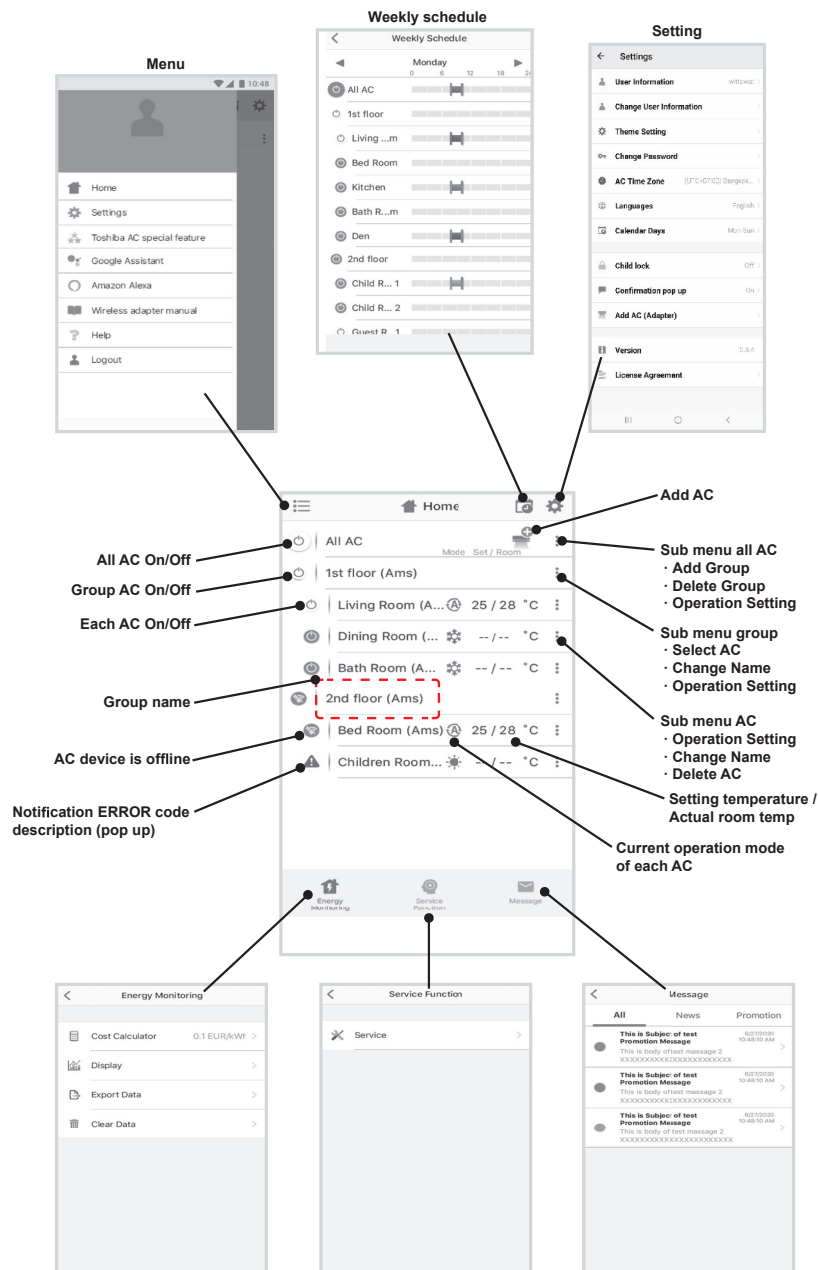
Android : Version 5.0 or later.



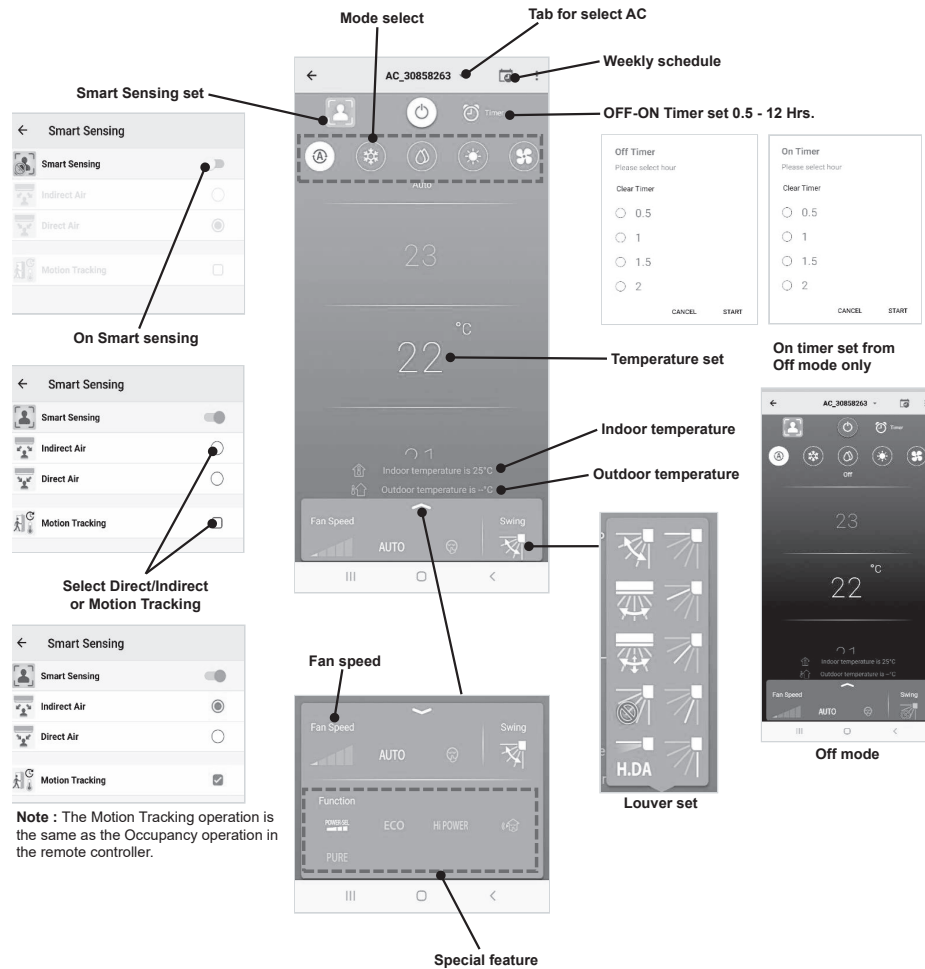
Active Wireless adapter by Remote controller.

Toshiba Home AC Control application

Home screen



Setting in operation mode



Summary features

	Model code	Comfort sleep	Hi power	Silent CDU	Power select	Eco logic	Fix vertical	Swing vertical	Preset	Fan speed	Quiet FCU
Standard RC	WH-TG01NE	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓
Accessory RC	RB-RXS33-E	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Accessory RC	RB-RXS34-E	✗	✓	✓	✓	✓	✓	✓	✗	✓	✓
Accessory Wi-Fi	RB-N105S-G	✗	✓	✓	✓	✓	✓	✓	✗	✓	✓

	Model code	8° C	Fire place	Off timer (0.5, 1-12hrs.)	24 Hrs. on-off timer	Weekly timer	On demand defrost	FCU led Dimming	Backlight display	Luminous button	Wired connect able RC
Standard RC	WH-TG01NE	✓	✗	✗	✓	✗	✓	✓	✗	✗	✓
Accessory RC	RB-RXS33-E	✓	✓	✗	✓	✓	✓	✓	✓	✓	✗
Accessory RC	RB-RXS34-E	✓5-30°C	✗	✓	✗	✗	✓	✓	✓	✗	✗
Accessory Wi-Fi	RB-N105S-G	✓	✓	✓	✗	✓	✗	✗			

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