

SAMSUNG

VRF

Technical Data Book

DVM S2 Capacity Table for Europe
(R410A, 50Hz, Essential)



Model : Essential Type

Contents

1. Capacity table	4
Essential type	4
2. Capacity correction	100

1. Capacity table

Essential

AM100AXVDGH/EU

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)	Indoor Temperature (°C, WB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	10	23.7	3.3	28.8	4.07	33.9	4.93	36.4	5.39	38.6	5.84	43	6.85	47.3	8.02
	12	23.7	3.47	28.8	4.3	33.9	5.23	36.4	5.74	38.6	6.24	43	7.33	47.3	8.62
	14	23.7	3.66	28.8	4.57	33.9	5.58	36.4	6.14	38.6	6.68	43	7.87	47.3	9.27
	16	23.7	3.88	28.8	4.86	33.9	5.97	36.4	6.57	38.6	7.16	43	8.47	47.3	9.99
	18	23.7	4.12	28.8	5.19	33.9	6.39	36.4	7.06	38.6	7.7	43	9.12	47.3	10.78
	20	23.7	4.4	28.8	5.56	33.9	6.87	36.4	7.59	38.6	8.29	43	9.84	47	11.06
	21	23.7	4.55	28.8	5.76	33.9	7.13	36.4	7.88	38.6	8.61	43	10.22	46.2	10.93
	23	23.7	4.87	28.8	6.18	33.9	7.68	36.4	8.5	38.6	9.29	43	11.03	44.5	10.65
	25	23.7	5.22	28.8	6.66	33.9	8.28	36.4	9.17	38.6	10.02	42	10.76	42.8	10.38
	27	23.7	5.62	28.8	7.18	33.9	8.93	36.4	9.9	38.6	10.83	40.3	10.49	41.2	10.11
	29	23.7	6.05	28.8	7.74	33.9	9.65	36.4	10.69	37.7	10.55	38.6	10.21	39.5	9.83
	31	23.7	6.53	28.8	8.36	33.9	10.42	35.6	10.98	36.1	10.28	36.9	9.94	37.8	9.56
	33	23.7	7.05	28.8	9.03	33.4	10.69	33.9	10.7	34.4	10.01	35.3	9.67	36.1	9.29
	35	23.7	7.61	28.8	9.75	31.8	10.42	32.3	10.43	32.7	9.73	33.6	9.39	34.4	9.01
	37	23.7	8.22	28.8	10.53	30.1	10.14	30.6	10.16	31	9.46	31.9	9.12	32.8	8.74
	39	23.7	8.88	27.4	10.25	28.4	9.87	28.9	9.88	29.3	9.19	30.2	8.85	31.1	8.47
	43	21.7	8.81	24	9.71	25	9.32	25.5	9.34	26	8.64	26.9	8.3	27.7	7.92
	46	19.2	8.4	21.5	9.3	22.5	8.91	23	8.93	23.5	8.23	24.3	7.89	25.2	7.51
	48	17.5	8.13	19.8	9.02	20.8	8.64	21.3	8.65	21.8	7.96	22.7	7.62	23.5	7.24
	50	15.8	7.86	18.1	8.75	19.2	8.37	19.7	8.38	20.1	7.68	21	7.34	21.8	6.96
120	10	21.8	2.96	26.5	3.66	31.3	4.41	33.6	4.82	35.6	5.22	39.7	6.1	43.7	7.12
	12	21.8	3.11	26.5	3.85	31.3	4.68	33.6	5.12	35.6	5.56	39.7	6.52	43.7	7.63
	14	21.8	3.27	26.5	4.08	31.3	4.97	33.6	5.46	35.6	5.94	39.7	6.98	43.7	8.19
	16	21.8	3.46	26.5	4.33	31.3	5.31	33.6	5.83	35.6	6.35	39.7	7.49	43.7	8.82
	18	21.8	3.67	26.5	4.62	31.3	5.68	33.6	6.25	35.6	6.82	39.7	8.06	43.7	9.5
	20	21.8	3.91	26.5	4.93	31.3	6.09	33.6	6.72	35.6	7.33	39.7	8.68	43.7	10.25
	21	21.8	4.03	26.5	5.11	31.3	6.31	33.6	6.97	35.6	7.61	39.7	9.02	43.7	10.65
	23	21.8	4.31	26.5	5.48	31.3	6.79	33.6	7.51	35.6	8.2	39.7	9.73	43.7	11.49
	25	21.8	4.63	26.5	5.89	31.3	7.32	33.6	8.09	35.6	8.85	39.7	10.51	42.1	11.22
	27	21.8	4.97	26.5	6.34	31.3	7.89	33.6	8.73	35.6	9.55	39.6	10.78	40.4	10.95
	29	21.8	5.35	26.5	6.84	31.3	8.52	33.6	9.43	35.6	10.32	38	10.51	38.8	10.67
	31	21.8	5.77	26.5	7.38	31.3	9.2	33.6	10.19	35.5	10.58	36.3	10.23	37.1	10.4
	33	21.8	6.22	26.5	7.97	31.3	9.94	33.4	10.45	33.8	10.31	34.6	9.96	35.4	10.13
	35	21.8	6.72	26.5	8.61	31.2	10.19	31.7	10.18	32.1	10.04	32.9	9.69	33.7	9.85
	37	21.8	7.26	26.5	9.3	29.6	9.92	30	9.9	30.4	9.76	31.2	9.41	32	9.58
	39	21.8	7.84	26.5	9.52	27.9	9.64	28.3	9.63	28.7	9.49	29.6	9.14	30.4	9.31
	43	20.8	8.19	23.1	8.98	24.5	9.1	25	9.08	25.4	8.95	26.2	8.59	27	8.76
	46	18.3	7.78	20.6	8.57	22	8.69	22.5	8.67	22.9	8.54	23.7	8.18	24.5	8.35
	48	16.6	7.51	18.9	8.29	20.3	8.41	20.8	8.4	21.2	8.26	22	7.91	22.8	8.08
	50	14.9	7.23	17.3	8.02	18.6	8.14	19.1	8.13	19.5	7.99	20.3	7.64	21.1	7.8
110	10	20	2.64	24.3	3.27	28.6	3.94	30.8	4.3	32.7	4.66	36.3	5.43	40	6.31
	12	20	2.77	24.3	3.44	28.6	4.17	30.8	4.56	32.7	4.94	36.3	5.78	40	6.74
	14	20	2.91	24.3	3.63	28.6	4.42	30.8	4.85	32.7	5.26	36.3	6.17	40	7.22
	16	20	3.07	24.3	3.85	28.6	4.7	30.8	5.17	32.7	5.62	36.3	6.61	40	7.76
	18	20	3.25	24.3	4.09	28.6	5.02	30.8	5.53	32.7	6.02	36.3	7.1	40	8.35
	20	20	3.45	24.3	4.36	28.6	5.38	30.8	5.93	32.7	6.46	36.3	7.64	40	8.99
	21	20	3.57	24.3	4.51	28.6	5.57	30.8	6.14	32.7	6.7	36.3	7.93	40	9.34
	23	20	3.81	24.3	4.83	28.6	5.98	30.8	6.61	32.7	7.21	36.3	8.55	40	10.08
	25	20	4.08	24.3	5.19	28.6	6.44	30.8	7.12	32.7	7.77	36.3	9.22	40	10.88
	27	20	4.38	24.3	5.59	28.6	6.94	30.8	7.68	32.7	8.39	36.3	9.96	39.7	11.17
	29	20	4.71	24.3	6.02	28.6	7.49	30.8	8.29	32.7	9.06	36.3	10.76	38	10.9
	31	20	5.07	24.3	6.49	28.6	8.08	30.8	8.95	32.7	9.78	35.6	11.04	36.4	10.63
	33	20	5.47	24.3	7.01	28.6	8.73	30.8	9.67	32.7	10.57	33.9	10.77	34.7	10.35
	35	20	5.9	24.3	7.57	28.6	9.43	30.8	10.44	31.5	10.29	32.3	10.49	33	10.08
	37	20	6.37	24.3	8.18	28.6	10.18	29.5	10.17	29.8	10.02	30.6	10.22	31.3	9.81
	39	20	6.88	24.3	8.83	27.4	9.91	27.8	9.89	28.2	9.75	28.9	9.95	29.6	9.53
	43	19.9	7.59	22	8.76	24	9.36	24.4	9.35	24.8	9.2	25.5	9.4	26.3	8.99
	46	17.4	7.18	19.5	8.35	21.5	8.95	21.9	8.94	22.3	8.79	23	8.99	23.8	8.58
	48	15.7	6.9	17.8	8.08	19.8	8.68	20.2	8.66	20.6	8.52	21.3	8.72	22.1	8.3
	50	14	6.63	16.1	7.81	18.1	8.41	18.5	8.39	18.9	8.24	19.7	8.44	20.4	8.03

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM100AXVDGH/EU

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)	Indoor Temperature (°C, WB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	
100	10	18.2	2.35	22.1	2.9	26	3.5	28	3.82	29.7	4.14	33	4.81	36.4	5.58
	12	18.2	2.45	22.1	3.05	26	3.69	28	4.04	29.7	4.38	33	5.1	36.4	5.94
	14	18.2	2.57	22.1	3.21	26	3.91	28	4.28	29.7	4.65	33	5.44	36.4	6.35
	16	18.2	2.71	22.1	3.39	26	4.15	28	4.55	29.7	4.95	33	5.81	36.4	6.8
	18	18.2	2.86	22.1	3.6	26	4.42	28	4.86	29.7	5.29	33	6.22	36.4	7.31
	20	18.2	3.04	22.1	3.83	26	4.72	28	5.2	29.7	5.67	33	6.68	36.4	7.86
	21	18.2	3.13	22.1	3.96	26	4.88	28	5.39	29.7	5.87	33	6.93	36.4	8.16
	23	18.2	3.34	22.1	4.24	26	5.24	28	5.78	29.7	6.31	33	7.46	36.4	8.79
	25	18.2	3.57	22.1	4.54	26	5.63	28	6.22	29.7	6.8	33	8.05	36.4	9.49
	27	18.2	3.83	22.1	4.88	26	6.07	28	6.71	29.7	7.33	33	8.68	36.4	10.25
	29	18.2	4.11	22.1	5.26	26	6.54	28	7.23	29.7	7.91	33	9.38	36.4	11.07
	31	18.2	4.43	22.1	5.66	26	7.06	28	7.81	29.7	8.54	33	10.13	35.6	11.36
	33	18.2	4.77	22.1	6.11	26	7.62	28	8.44	29.7	9.22	33	10.94	33.9	11.09
	35	18.2	5.15	22.1	6.6	26	8.23	28	9.11	29.7	9.96	31.6	10.66	32.3	10.82
	37	18.2	5.56	22.1	7.13	26	8.89	28	9.84	29.2	10.21	29.9	10.39	30.6	10.54
	39	18.2	6.01	22.1	7.7	26	9.6	27.2	10.09	27.6	9.94	28.2	10.12	28.9	10.27
	43	18.2	7.01	20.9	8.04	22.9	9.05	23.9	9.55	24.2	9.39	24.9	9.57	25.5	9.72
	46	16.4	6.6	18.4	7.63	20.4	8.64	21.3	9.14	21.7	8.98	22.4	9.16	23	9.31
48	14.8	6.32	16.7	7.36	18.7	8.37	19.7	8.86	20	8.71	20.7	8.89	21.3	9.04	
50	13.1	6.05	15	7.08	17	8.09	18	8.59	18.3	8.44	19	8.61	19.7	8.77	
90	10	16.4	2.03	19.9	2.52	23.4	3.03	25.2	3.31	26.7	3.58	29.7	4.16	32.8	4.82
	12	16.4	2.12	19.9	2.64	23.4	3.19	25.2	3.49	26.7	3.78	29.7	4.4	32.8	5.12
	14	16.4	2.22	19.9	2.77	23.4	3.36	25.2	3.69	26.7	4	29.7	4.68	32.8	5.45
	16	16.4	2.33	19.9	2.92	23.4	3.56	25.2	3.91	26.7	4.25	29.7	4.98	32.8	5.82
	18	16.4	2.46	19.9	3.09	23.4	3.78	25.2	4.16	26.7	4.53	29.7	5.32	32.8	6.24
	20	16.4	2.6	19.9	3.29	23.4	4.04	25.2	4.44	26.7	4.84	29.7	5.71	32.8	6.7
	21	16.4	2.68	19.9	3.39	23.4	4.17	25.2	4.6	26.7	5.01	29.7	5.91	32.8	6.95
	23	16.4	2.85	19.9	3.62	23.4	4.47	25.2	4.93	26.7	5.38	29.7	6.36	32.8	7.48
	25	16.4	3.05	19.9	3.88	23.4	4.79	25.2	5.3	26.7	5.78	29.7	6.84	32.8	8.06
	27	16.4	3.26	19.9	4.16	23.4	5.16	25.2	5.7	26.7	6.23	29.7	7.38	32.8	8.7
	29	16.4	3.5	19.9	4.48	23.4	5.55	25.2	6.15	26.7	6.71	29.7	7.96	32.8	9.39
	31	16.4	3.76	19.9	4.82	23.4	5.99	25.2	6.63	26.7	7.25	29.7	8.6	32.8	10.14
	33	16.4	4.05	19.9	5.2	23.4	6.46	25.2	7.16	26.7	7.82	29.7	9.29	32.8	10.96
	35	16.4	4.37	19.9	5.61	23.4	6.98	25.2	7.73	26.7	8.45	29.7	10.03	31.5	10.68
	37	16.4	4.72	19.9	6.06	23.4	7.54	25.2	8.35	26.7	9.13	29.3	10.29	29.9	10.41
	39	16.4	5.1	19.9	6.54	23.4	8.14	25.2	9.01	26.6	9.35	27.6	10.01	28.2	10.14
	43	16.4	5.94	19.8	7.21	21.6	8.05	22.5	8.47	23.2	8.8	24.2	9.47	24.8	9.59
	46	15.5	5.9	17.3	6.8	19.1	7.64	19.9	8.06	20.7	8.39	21.7	9.06	22.3	9.18
48	13.9	5.63	15.6	6.52	17.4	7.37	18.3	7.78	19	8.12	20	8.78	20.6	8.91	
50	12.2	5.36	13.9	6.25	15.7	7.09	16.6	7.51	17.3	7.84	18.3	8.51	18.9	8.63	
80	10	14.6	1.74	17.7	2.16	20.8	2.62	22.4	2.85	23.7	3.09	26.4	3.58	29.1	4.15
	12	14.6	1.81	17.7	2.26	20.8	2.74	22.4	3	23.7	3.24	26.4	3.78	29.1	4.38
	14	14.6	1.89	17.7	2.37	20.8	2.88	22.4	3.16	23.7	3.42	26.4	4	29.1	4.65
	16	14.6	1.99	17.7	2.49	20.8	3.04	22.4	3.34	23.7	3.62	26.4	4.25	29.1	4.95
	18	14.6	2.09	17.7	2.63	20.8	3.23	22.4	3.55	23.7	3.85	26.4	4.52	29.1	5.29
	20	14.6	2.21	17.7	2.79	20.8	3.43	22.4	3.78	23.7	4.11	26.4	4.84	29.1	5.67
	21	14.6	2.27	17.7	2.88	20.8	3.54	22.4	3.9	23.7	4.25	26.4	5.01	29.1	5.87
	23	14.6	2.42	17.7	3.07	20.8	3.79	22.4	4.18	23.7	4.55	26.4	5.37	29.1	6.31
	25	14.6	2.58	17.7	3.28	20.8	4.06	22.4	4.48	23.7	4.88	26.4	5.78	29.1	6.79
	27	14.6	2.75	17.7	3.51	20.8	4.36	22.4	4.81	23.7	5.25	26.4	6.22	29.1	7.32
	29	14.6	2.95	17.7	3.77	20.8	4.69	22.4	5.18	23.7	5.66	26.4	6.71	29.1	7.9
	31	14.6	3.17	17.7	4.06	20.8	5.05	22.4	5.59	23.7	6.1	26.4	7.24	29.1	8.53
	33	14.6	3.41	17.7	4.38	20.8	5.45	22.4	6.03	23.7	6.58	26.4	7.81	29.1	9.21
	35	14.6	3.68	17.7	4.72	20.8	5.88	22.4	6.51	23.7	7.11	26.4	8.44	29.1	9.95
	37	14.6	3.97	17.7	5.1	20.8	6.35	22.4	7.03	23.7	7.68	26.4	9.11	29.1	10.74
	39	14.6	4.29	17.7	5.5	20.8	6.86	22.4	7.59	23.7	8.29	26.4	9.84	27.4	10.47
	43	14.6	5	17.7	6.42	20.3	7.56	21.1	7.92	21.7	8.21	23.1	9.29	24.1	9.92
	46	14.6	5.61	16.2	6.4	17.8	7.15	18.5	7.51	19.2	7.8	20.6	8.88	21.6	9.51
48	12.9	5.34	14.5	6.12	16.1	6.88	16.9	7.24	17.5	7.52	18.9	8.61	19.9	9.24	
50	11.3	5.07	12.8	5.85	14.4	6.6	15.2	6.97	15.9	7.25	17.2	8.34	18.2	8.97	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM100AXVDGH/EU

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)	Indoor Temperature (°C, WB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	10	12.7	1.47	15.5	1.84	18.2	2.22	19.6	2.43	20.8	2.63	23.1	3.06	25.5	3.54
	12	12.7	1.53	15.5	1.92	18.2	2.32	19.6	2.54	20.8	2.76	23.1	3.21	25.5	3.73
	14	12.7	1.6	15.5	2	18.2	2.44	19.6	2.67	20.8	2.9	23.1	3.38	25.5	3.94
	16	12.7	1.67	15.5	2.1	18.2	2.57	19.6	2.82	20.8	3.06	23.1	3.58	25.5	4.18
	18	12.7	1.75	15.5	2.22	18.2	2.71	19.6	2.98	20.8	3.24	23.1	3.81	25.5	4.45
	20	12.7	1.85	15.5	2.34	18.2	2.88	19.6	3.17	20.8	3.45	23.1	4.06	25.5	4.75
	21	12.7	1.9	15.5	2.41	18.2	2.97	19.6	3.27	20.8	3.56	23.1	4.19	25.5	4.92
	23	12.7	2.02	15.5	2.57	18.2	3.17	19.6	3.49	20.8	3.81	23.1	4.49	25.5	5.27
	25	12.7	2.15	15.5	2.74	18.2	3.38	19.6	3.73	20.8	4.08	23.1	4.82	25.5	5.66
	27	12.7	2.29	15.5	2.93	18.2	3.63	19.6	4.01	20.8	4.38	23.1	5.18	25.5	6.1
	29	12.7	2.45	15.5	3.14	18.2	3.9	19.6	4.31	20.8	4.71	23.1	5.58	25.5	6.57
	31	12.7	2.63	15.5	3.38	18.2	4.2	19.6	4.64	20.8	5.08	23.1	6.02	25.5	7.09
	33	12.7	2.83	15.5	3.64	18.2	4.52	19.6	5	20.8	5.47	23.1	6.49	25.5	7.66
	35	12.7	3.05	15.5	3.92	18.2	4.88	19.6	5.4	20.8	5.91	23.1	7.01	25.5	8.27
	37	12.7	3.29	15.5	4.23	18.2	5.27	19.6	5.83	20.8	6.38	23.1	7.57	25.5	8.93
	39	12.7	3.55	15.5	4.57	18.2	5.69	19.6	6.3	20.8	6.89	23.1	8.18	25.5	9.64
	43	12.7	4.14	15.5	5.33	18.2	6.64	19.6	7.34	20.3	7.6	21.4	8.09	22.6	9.1
	46	12.7	4.65	15.1	5.62	16.5	6.23	17.1	6.93	17.7	7.19	18.9	7.68	20.1	8.69
48	12	4.69	13.4	5.35	14.8	5.95	15.5	6.66	16.1	6.92	17.2	7.4	18.4	8.41	
50	10.4	4.42	11.7	5.07	13.1	5.68	13.8	6.39	14.4	6.64	15.5	7.13	16.7	8.14	
60	10	10.9	1.23	13.3	1.53	15.6	1.86	16.8	2.04	17.8	2.21	19.8	2.57	21.8	2.97
	12	10.9	1.27	13.3	1.59	15.6	1.94	16.8	2.13	17.8	2.31	19.8	2.69	21.8	3.11
	14	10.9	1.32	13.3	1.66	15.6	2.03	16.8	2.23	17.8	2.42	19.8	2.82	21.8	3.28
	16	10.9	1.38	13.3	1.74	15.6	2.13	16.8	2.34	17.8	2.54	19.8	2.98	21.8	3.47
	18	10.9	1.45	13.3	1.83	15.6	2.25	16.8	2.47	17.8	2.69	19.8	3.15	21.8	3.68
	20	10.9	1.53	13.3	1.93	15.6	2.38	16.8	2.62	17.8	2.85	19.8	3.35	21.8	3.92
	21	10.9	1.57	13.3	1.98	15.6	2.45	16.8	2.7	17.8	2.94	19.8	3.46	21.8	4.05
	23	10.9	1.66	13.3	2.1	15.6	2.6	16.8	2.87	17.8	3.13	19.8	3.69	21.8	4.33
	25	10.9	1.76	13.3	2.24	15.6	2.78	16.8	3.07	17.8	3.35	19.8	3.95	21.8	4.64
	27	10.9	1.88	13.3	2.39	15.6	2.97	16.8	3.29	17.8	3.59	19.8	4.24	21.8	4.99
	29	10.9	2.01	13.3	2.56	15.6	3.19	16.8	3.53	17.8	3.85	19.8	4.56	21.8	5.37
	31	10.9	2.15	13.3	2.75	15.6	3.43	16.8	3.8	17.8	4.15	19.8	4.91	21.8	5.79
	33	10.9	2.31	13.3	2.96	15.6	3.69	16.8	4.09	17.8	4.47	19.8	5.3	21.8	6.24
	35	10.9	2.49	13.3	3.19	15.6	3.98	16.8	4.41	17.8	4.82	19.8	5.72	21.8	6.74
	37	10.9	2.68	13.3	3.44	15.6	4.3	16.8	4.76	17.8	5.21	19.8	6.18	21.8	7.28
	39	10.9	2.9	13.3	3.72	15.6	4.64	16.8	5.14	17.8	5.62	19.8	6.67	21.8	7.86
	43	10.9	3.38	13.3	4.34	15.6	5.41	16.8	6	17.8	6.56	19.8	7.35	20.8	8.22
	46	10.9	3.79	13.3	4.86	15.2	5.71	15.7	5.96	16.2	6.54	17.3	6.94	18.3	7.81
48	10.9	4.09	12.3	4.59	13.5	5.43	14.1	5.68	14.6	6.27	15.6	6.67	16.6	7.53	
50	9.4	3.82	10.6	4.32	11.8	5.16	12.4	5.41	12.9	5.99	13.9	6.39	14.9	7.26	
50	10	9.1	0.99	11.1	1.25	13	1.52	14	1.67	14.8	1.81	16.5	2.11	18.2	2.44
	12	9.1	1.03	11.1	1.3	13	1.58	14	1.73	14.8	1.88	16.5	2.2	18.2	2.55
	14	9.1	1.07	11.1	1.35	13	1.65	14	1.81	14.8	1.97	16.5	2.3	18.2	2.68
	16	9.1	1.12	11.1	1.41	13	1.73	14	1.9	14.8	2.06	16.5	2.42	18.2	2.82
	18	9.1	1.17	11.1	1.48	13	1.81	14	2	14.8	2.17	16.5	2.55	18.2	2.98
	20	9.1	1.23	11.1	1.56	13	1.91	14	2.11	14.8	2.3	16.5	2.7	18.2	3.16
	21	9.1	1.26	11.1	1.6	13	1.97	14	2.17	14.8	2.36	16.5	2.78	18.2	3.26
	23	9.1	1.33	11.1	1.69	13	2.09	14	2.3	14.8	2.51	16.5	2.96	18.2	3.48
	25	9.1	1.41	11.1	1.8	13	2.22	14	2.45	14.8	2.68	16.5	3.16	18.2	3.72
	27	9.1	1.5	11.1	1.92	13	2.37	14	2.62	14.8	2.86	16.5	3.39	18.2	3.99
	29	9.1	1.6	11.1	2.05	13	2.54	14	2.81	14.8	3.07	16.5	3.63	18.2	4.28
	31	9.1	1.72	11.1	2.2	13	2.73	14	3.02	14.8	3.3	16.5	3.91	18.2	4.61
	33	9.1	1.84	11.1	2.36	13	2.93	14	3.25	14.8	3.55	16.5	4.21	18.2	4.97
	35	9.1	1.98	11.1	2.54	13	3.16	14	3.5	14.8	3.83	16.5	4.54	18.2	5.36
	37	9.1	2.13	11.1	2.74	13	3.41	14	3.78	14.8	4.13	16.5	4.9	18.2	5.79
	39	9.1	2.3	11.1	2.96	13	3.68	14	4.08	14.8	4.46	16.5	5.29	18.2	6.25
	43	9.1	2.68	11.1	3.45	13	4.29	14	4.76	14.8	5.21	16.5	6.17	18.2	7.29
	46	9.1	3.01	11.1	3.87	13	4.82	14	5.34	14.8	5.49	15.6	6.14	16.4	6.88
48	9.1	3.25	11.1	4.18	12.2	4.54	12.7	5.06	13.1	5.21	13.9	5.87	14.8	6.61	
50	8.5	3.24	9.5	3.9	10.5	4.27	11	4.79	11.4	4.94	12.2	5.6	13.1	6.33	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM100AXVDGH/EU

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)		Indoor Temperature (°C, DB)									
	DB	WB	16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	-25	-25.1	24	10.46	23.5	11.16	22.9	11.59	22.2	12.11	21.6	12.72
	-22	-22.2	27.4	11.24	26.9	11.94	26.3	12.37	25.6	12.89	25	13.49
	-20	-20.2	29.7	11.76	29.1	12.46	28.6	12.89	27.9	13.41	27.2	14.01
	-17	-17.3	33.1	12.54	32.5	13.23	32	13.67	31.3	14.19	29.9	14.62
	-15	-15.3	35.4	13.06	34.8	13.75	34.2	14.19	33.1	14.71	31	14.79
	-12	-12.4	38.8	13.84	38.2	14.53	36.8	14.79	34.8	14.97	32.7	15.05
	-10	-10.5	41	14.36	39.8	14.88	37.9	14.97	35.8	15.14	33	15.14
	-7	-7.6	43.4	14.97	41.5	15.14	38.9	15.14	36.3	15.14	33.5	15.14
	-5	-5.6	44.2	15.14	41.8	15.14	39.2	15.14	36.6	15.14	33.8	15.14
	-3	-3.7	44.5	15.14	42.1	15.14	39.5	15.14	36.9	15.14	34.1	15.14
	0	-0.7	44.9	15.14	42.6	15.14	40	15.14	37.4	15.14	34.4	14.45
	3	2.2	45.4	15.14	43	15.14	40.5	15.14	37.7	14.57	34.4	12.89
	5	4.1	45.7	15.14	43.3	15.14	40.8	15.14	37.7	13.52	34.4	11.97
	7	6	46.1	15.14	43.7	15.14	41	14.07	37.7	12.57	34.4	11.15
	9	7.9	46.4	15.14	43.8	14.45	41	13.12	37.7	11.74	34.4	10.43
11	9.8	46.7	14.79	43.8	13.49	41	12.26	37.7	11	34.4	9.79	
13	11.8	46.7	13.83	43.8	12.63	41	11.5	37.7	10.34	34.4	9.23	
15	13.7	46.7	12.98	43.8	11.87	41	10.83	37.7	9.75	34.4	8.73	
120	-25	-25.1	23.3	11.16	22.8	11.59	22.3	12.11	21.6	12.54	21	13.23
	-22	-22.2	26.7	11.94	26.2	12.37	25.7	12.89	25	13.32	24.4	14.01
	-20	-20.2	29	12.46	28.5	12.89	27.9	13.41	27.3	13.84	26.6	14.53
	-17	-17.3	32.4	13.23	31.9	13.67	31.3	14.19	30.3	14.62	28.3	14.79
	-15	-15.3	34.6	13.75	34.1	14.19	33.3	14.71	31.5	14.79	29.4	14.97
	-12	-12.4	38.1	14.53	36.8	14.79	35	14.97	33.2	15.05	30.6	15.14
	-10	-10.5	39.6	14.88	37.9	14.97	36.1	15.14	33.5	15.14	31	15.14
	-7	-7.6	41	15.14	38.7	15.14	36.5	15.14	34	15.14	31.4	15.14
	-5	-5.6	41.4	15.14	39	15.14	36.9	15.14	34.3	15.14	31.8	14.95
	-3	-3.7	41.7	15.14	39.3	15.14	37.2	15.14	34.6	15.14	31.8	13.8
	0	-0.7	42.1	15.14	39.8	15.14	37.6	15.14	34.8	13.89	31.8	12.27
	3	2.2	42.6	15.14	40.3	15.14	37.8	13.9	34.8	12.38	31.8	10.96
	5	4.1	42.9	15.14	40.5	14.25	37.8	12.9	34.8	11.5	31.8	10.19
	7	6	43.1	14.54	40.5	13.23	37.8	11.99	34.8	10.71	31.8	9.5
	9	7.9	43.1	13.54	40.5	12.34	37.8	11.19	34.8	10.02	31.8	8.9
11	9.8	43.1	12.64	40.5	11.54	37.8	10.48	34.8	9.4	31.8	8.37	
13	11.8	43.1	11.85	40.5	10.83	37.8	9.85	34.8	8.85	31.8	7.89	
15	13.7	43.1	11.14	40.5	10.2	37.8	9.29	34.8	8.37	31.8	7.48	
110	-25	-25.1	22.6	11.68	22.1	12.11	21.6	12.54	21.1	13.06	19.8	13.32
	-22	-22.2	26	12.46	25.5	12.89	25	13.32	24.5	13.84	23.2	14.1
	-20	-20.2	28.3	12.98	27.8	13.41	27.3	13.84	26.7	14.36	25.2	14.62
	-17	-17.3	31.7	13.75	31.2	14.19	30.4	14.62	28.5	14.79	26.9	14.88
	-15	-15.3	33.9	14.27	32.9	14.71	31.5	14.79	29.7	14.97	28	15.05
	-12	-12.4	36.2	14.88	34.6	14.97	33.2	15.05	30.9	15.14	28.6	15.14
	-10	-10.5	37.4	15.05	35.5	15.14	33.5	15.14	31.3	15.14	29	15.14
	-7	-7.6	38.1	15.14	36	15.14	34	15.14	31.7	15.14	29.1	13.71
	-5	-5.6	38.4	15.14	36.3	15.14	34.3	15.14	31.9	14.35	29.1	12.65
	-3	-3.7	38.7	15.14	36.6	15.14	34.7	14.91	31.9	13.25	29.1	11.68
	0	-0.7	39.2	15.14	37.1	14.65	34.7	13.24	31.9	11.78	29.1	10.4
	3	2.2	39.5	14.38	37.1	13.05	34.7	11.81	31.9	10.52	29.1	9.3
	5	4.1	39.5	13.33	37.1	12.11	34.7	10.96	31.9	9.78	29.1	8.66
	7	6	39.5	12.38	37.1	11.26	34.7	10.21	31.9	9.12	29.1	8.09
	9	7.9	39.5	11.55	37.1	10.52	34.7	9.55	31.9	8.54	29.1	7.59
11	9.8	39.5	10.8	37.1	9.86	34.7	8.96	31.9	8.03	29.1	7.15	
13	11.8	39.5	10.14	37.1	9.27	34.7	8.44	31.9	7.58	29.1	6.76	
15	13.7	39.5	9.56	37.1	8.75	34.7	7.98	31.9	7.18	29.1	6.42	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM100AXVDGH/EU

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)		Indoor Temperature (°C, DB)									
	DB	WB	16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	-25	-25.1	21.9	12.37	21.4	12.8	21	13.31	19.7	13.32	18.5	13.41
	-22	-22.2	25.3	13.15	24.8	13.58	24.4	14.09	23.1	14.1	21.9	14.19
	-20	-20.2	27.5	13.67	27.1	14.1	26.7	14.53	25.2	14.62	23.7	14.71
	-17	-17.3	30.9	14.45	29.9	14.71	28.4	14.79	26.9	14.88	25.4	14.97
	-15	-15.3	32.3	14.79	31	14.88	29.6	14.97	28.1	15.05	26.1	15.14
	-12	-12.4	34	15.05	32.6	15.14	30.7	15.14	28.7	15.14	26.5	14.16
	-10	-10.5	34.7	15.14	32.9	15.14	31	15.14	29	14.83	26.5	13.04
	-7	-7.6	35.1	15.14	33.4	15.14	31.5	14.76	29	13.12	26.5	11.54
	-5	-5.6	35.4	15.14	33.7	15.08	31.5	13.61	29	12.1	26.5	10.65
	-3	-3.7	35.8	15.14	33.7	13.92	31.5	12.57	29	11.18	26.5	9.85
	0	-0.7	35.9	13.64	33.7	12.37	31.5	11.18	29	9.95	26.5	8.78
	3	2.2	35.9	12.15	33.7	11.03	31.5	9.98	29	8.9	26.5	7.87
	5	4.1	35.9	11.28	33.7	10.25	31.5	9.28	29	8.29	26.5	7.33
	7	6	35.9	10.5	33.7	9.55	31.5	8.66	29	7.74	26.5	6.86
	9	7.9	35.9	9.81	33.7	8.94	31.5	8.12	29	7.26	26.5	6.45
11	9.8	35.9	9.2	33.7	8.39	31.5	7.63	29	6.84	26.5	6.08	
13	11.8	35.9	8.66	33.7	7.91	31.5	7.2	29	6.47	26.5	5.76	
15	13.7	35.9	8.18	33.7	7.49	31.5	6.83	29	6.14	26.5	5.48	
90	-25	-25.1	21.2	12.98	20.4	13.23	19.4	13.32	18.3	13.41	17.1	13.58
	-22	-22.2	24.6	13.75	23.8	14.01	22.8	14.1	21.7	14.19	20.5	14.36
	-20	-20.2	26.8	14.27	26	14.53	24.9	14.62	23.6	14.71	22.1	14.71
	-17	-17.3	29	14.71	27.7	14.79	26.6	14.88	25.3	14.97	23.8	14.97
	-15	-15.3	30.2	14.88	28.9	14.97	27.8	15.05	25.9	15.14	23.8	13.78
	-12	-12.4	31.4	15.14	29.7	15.14	28.2	15.14	26.1	13.81	23.8	12.17
	-10	-10.5	31.7	15.14	30	15.14	28.4	14.33	26.1	12.72	23.8	11.21
	-7	-7.6	32.2	15.14	30.3	14.06	28.4	12.68	26.1	11.26	23.8	9.93
	-5	-5.6	32.3	14.32	30.3	12.97	28.4	11.7	26.1	10.39	23.8	9.17
	-3	-3.7	32.3	13.22	30.3	11.97	28.4	10.81	26.1	9.6	23.8	8.48
	0	-0.7	32.3	11.75	30.3	10.65	28.4	9.62	26.1	8.56	23.8	7.57
	3	2.2	32.3	10.49	30.3	9.52	28.4	8.61	26.1	7.67	23.8	6.79
	5	4.1	32.3	9.75	30.3	8.86	28.4	8.02	26.1	7.15	23.8	6.34
	7	6	32.3	9.09	30.3	8.27	28.4	7.49	26.1	6.69	23.8	5.94
	9	7.9	32.3	8.51	30.3	7.75	28.4	7.03	26.1	6.29	23.8	5.59
11	9.8	32.3	8	30.3	7.3	28.4	6.62	26.1	5.93	23.8	5.29	
13	11.8	32.3	7.55	30.3	6.89	28.4	6.27	26.1	5.62	23.8	5.01	
15	13.7	32.3	7.15	30.3	6.54	28.4	5.95	26.1	5.35	23.8	4.78	
80	-25	-25.1	19.6	13.32	18.7	13.41	17.8	13.49	16.8	13	15.8	12.08
	-22	-22.2	23	14.1	22.1	14.19	21.2	14.27	20.2	13.78	19.1	12.86
	-20	-20.2	25	14.62	23.9	14.71	23	14.79	21.7	14.12	20.2	13.04
	-17	-17.3	26.8	14.88	25.6	14.97	24.7	15.05	23.2	14.38	21.2	12.67
	-15	-15.3	27.9	15.05	26.5	15.14	25.2	14.92	23.2	13.24	21.2	11.67
	-12	-12.4	28.4	15.14	27	14.64	25.2	13.18	23.2	11.7	21.2	10.31
	-10	-10.5	28.7	14.89	27	13.48	25.2	12.14	23.2	10.78	21.2	9.5
	-7	-7.6	28.7	13.17	27	11.93	25.2	10.75	23.2	9.55	21.2	8.42
	-5	-5.6	28.7	12.15	27	11.01	25.2	9.93	23.2	8.82	21.2	7.78
	-3	-3.7	28.7	11.22	27	10.18	25.2	9.18	23.2	8.16	21.2	7.21
	0	-0.7	28.7	10	27	9.07	25.2	8.19	23.2	7.29	21.2	6.44
	3	2.2	28.7	8.94	27	8.12	25.2	7.34	23.2	6.55	21.2	5.79
	5	4.1	28.7	8.33	27	7.57	25.2	6.85	23.2	6.11	21.2	5.42
	7	6	28.7	7.78	27	7.08	25.2	6.41	23.2	5.73	21.2	5.08
	9	7.9	28.7	7.3	27	6.65	25.2	6.03	23.2	5.4	21.2	4.79
11	9.8	28.7	6.88	27	6.28	25.2	5.69	23.2	5.11	21.2	4.54	
13	11.8	28.7	6.51	27	5.94	25.2	5.4	23.2	4.85	21.2	4.31	
15	13.7	28.7	6.18	27	5.65	25.2	5.14	23.2	4.62	21.2	4.12	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM100AXVDGH/EU

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)		Indoor Temperature (°C, DB)									
	DB	WB	16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	-25	-25.1	17.8	13.67	17	13.63	16.3	12.14	15.4	11.38	14.5	10.64
	-22	-22.2	21.2	14.45	20.4	14.41	19.7	12.92	18.5	12.16	17.2	11.24
	-20	-20.2	22.8	14.79	22	14.75	20.9	13.27	19.6	12.33	18.3	11.42
	-17	-17.3	24.5	15.05	23.6	15.01	22.1	13.53	20.3	12	18.5	10.59
	-15	-15.3	25	15.14	23.6	13.82	22.1	12.45	20.3	11.05	18.5	9.75
	-12	-12.4	25.1	13.49	23.6	12.21	22.1	11	20.3	9.76	18.5	8.62
	-10	-10.5	25.1	12.43	23.6	11.25	22.1	10.14	20.3	9	18.5	7.95
	-7	-7.6	25.1	11	23.6	9.96	22.1	8.98	20.3	7.98	18.5	7.05
	-5	-5.6	25.1	10.16	23.6	9.2	22.1	8.3	20.3	7.38	18.5	6.52
	-3	-3.7	25.1	9.39	23.6	8.51	22.1	7.68	20.3	6.83	18.5	6.04
	0	-0.7	25.1	8.38	23.6	7.6	22.1	6.87	20.3	6.11	18.5	5.41
	3	2.2	25.1	7.51	23.6	6.82	22.1	6.17	20.3	5.5	18.5	4.87
	5	4.1	25.1	7.01	23.6	6.37	22.1	5.77	20.3	5.15	18.5	4.57
	7	6	25.1	6.56	23.6	5.97	22.1	5.41	20.3	4.83	18.5	4.29
	9	7.9	25.1	6.17	23.6	5.62	22.1	5.1	20.3	4.56	18.5	4.05
11	9.8	25.1	5.83	23.6	5.32	22.1	4.83	20.3	4.32	18.5	3.85	
13	11.8	25.1	5.53	23.6	5.05	22.1	4.59	20.3	4.11	18.5	3.67	
15	13.7	25.1	5.26	23.6	4.81	22.1	4.38	20.3	3.93	18.5	3.51	
60	-25	-25.1	16	13.02	15.4	11.67	14.7	11.17	13.9	10.35	13.2	9.2
	-22	-22.2	19.4	13.8	18.4	12.45	17.5	11.78	16.4	10.95	15.3	9.63
	-20	-20.2	20.5	13.98	19.6	12.62	18.6	11.95	17.4	11.13	15.9	9.8
	-17	-17.3	21.6	13.58	20.2	12.27	18.9	11.08	17.4	9.83	15.9	8.66
	-15	-15.3	21.6	12.5	20.2	11.3	18.9	10.2	17.4	9.05	15.9	7.97
	-12	-12.4	21.6	11.04	20.2	9.99	18.9	9.02	17.4	8	15.9	7.05
	-10	-10.5	21.6	10.18	20.2	9.2	18.9	8.31	17.4	7.38	15.9	6.51
	-7	-7.6	21.6	9.02	20.2	8.16	18.9	7.37	17.4	6.55	15.9	5.78
	-5	-5.6	21.6	8.33	20.2	7.54	18.9	6.82	17.4	6.06	15.9	5.35
	-3	-3.7	21.6	7.71	20.2	6.99	18.9	6.32	17.4	5.62	15.9	4.96
	0	-0.7	21.6	6.89	20.2	6.25	18.9	5.66	17.4	5.03	15.9	4.45
	3	2.2	21.6	6.19	20.2	5.62	18.9	5.09	17.4	4.54	15.9	4.02
	5	4.1	21.6	5.79	20.2	5.26	18.9	4.77	17.4	4.25	15.9	3.77
	7	6	21.6	5.43	20.2	4.94	18.9	4.48	17.4	4	15.9	3.55
	9	7.9	21.6	5.12	20.2	4.66	18.9	4.23	17.4	3.78	15.9	3.36
11	9.8	21.6	4.85	20.2	4.42	18.9	4.01	17.4	3.59	15.9	3.2	
13	11.8	21.6	4.61	20.2	4.21	18.9	3.82	17.4	3.43	15.9	3.05	
15	13.7	21.6	4.4	20.2	4.02	18.9	3.66	17.4	3.28	15.9	2.93	
50	-25	-25.1	14.2	10.85	13.7	10.27	13.1	9.87	12.5	8.7	11.7	8.24
	-22	-22.2	16.8	11.46	16	10.87	15.2	10.31	14.3	9.14	13.2	8.5
	-20	-20.2	17.9	11.63	16.9	11.05	15.8	9.97	14.5	8.85	13.2	7.82
	-17	-17.3	18	10.79	16.9	9.76	15.8	8.81	14.5	7.82	13.2	6.91
	-15	-15.3	18	9.93	16.9	8.98	15.8	8.11	14.5	7.2	13.2	6.36
	-12	-12.4	18	8.78	16.9	7.94	15.8	7.17	14.5	6.37	13.2	5.63
	-10	-10.5	18	8.1	16.9	7.33	15.8	6.62	14.5	5.88	13.2	5.19
	-7	-7.6	18	7.18	16.9	6.5	15.8	5.87	14.5	5.22	13.2	4.62
	-5	-5.6	18	6.64	16.9	6.02	15.8	5.44	14.5	4.83	13.2	4.28
	-3	-3.7	18	6.16	16.9	5.58	15.8	5.04	14.5	4.49	13.2	3.97
	0	-0.7	18	5.52	16.9	5	15.8	4.53	14.5	4.03	13.2	3.57
	3	2.2	18	4.97	16.9	4.51	15.8	4.09	14.5	3.64	13.2	3.23
	5	4.1	18	4.66	16.9	4.23	15.8	3.83	14.5	3.42	13.2	3.03
	7	6	18	4.38	16.9	3.98	15.8	3.61	14.5	3.22	13.2	2.86
	9	7.9	18	4.14	16.9	3.77	15.8	3.42	14.5	3.05	13.2	2.71
11	9.8	18	3.93	16.9	3.58	15.8	3.25	14.5	2.9	13.2	2.58	
13	11.8	18	3.75	16.9	3.41	15.8	3.1	14.5	2.77	13.2	2.47	
15	13.7	18	3.59	16.9	3.27	15.8	2.97	14.5	2.66	13.2	2.37	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM120AXVDGH/EU

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)	Indoor Temperature (°C, WB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	10	28.4	3.96	34.5	4.86	40.6	5.84	43.7	6.35	46.3	6.85	51.5	7.95	56.8	9.2
	12	28.4	4.13	34.5	5.09	40.6	6.14	43.7	6.7	46.3	7.24	51.5	8.43	56.8	9.8
	14	28.4	4.32	34.5	5.35	40.6	6.48	43.7	7.09	46.3	7.68	51.5	8.97	56.8	10.46
	16	28.4	4.53	34.5	5.64	40.6	6.87	43.7	7.53	46.3	8.17	51.5	9.57	56.8	11.2
	18	28.4	4.78	34.5	5.98	40.6	7.3	43.7	8.02	46.3	8.72	51.5	10.25	56.8	12.02
	20	28.4	5.05	34.5	6.35	40.6	7.79	43.7	8.57	46.3	9.33	51.5	11	56.8	12.92
	21	28.4	5.2	34.5	6.56	40.6	8.06	43.7	8.87	46.3	9.66	51.5	11.4	56.5	13.12
	23	28.4	5.54	34.5	7	40.6	8.63	43.7	9.52	46.3	10.38	51.5	12.27	55.8	13.53
	25	28.4	5.91	34.5	7.5	40.6	9.27	43.7	10.24	46.3	11.17	51.3	12.94	54	13.23
	27	28.4	6.32	34.5	8.05	40.6	9.97	43.7	11.02	46.3	12.03	50.6	13.34	52	12.92
	29	28.4	6.78	34.5	8.65	40.6	10.74	43.7	11.89	46.1	12.7	48.9	13.04	50	12.62
	31	28.4	7.29	34.5	9.32	40.6	11.59	43.5	12.55	45.5	13.11	46.9	12.74	48	12.31
	33	28.4	7.85	34.5	10.05	40.6	12.24	42.9	12.96	43.9	12.8	44.9	12.43	46	12.01
	35	28.4	8.46	34.5	10.85	39.9	12.65	41.3	12.65	41.9	12.5	42.9	12.13	43.9	11.71
	37	28.4	9.13	34.5	11.72	38.7	12.7	39.3	12.35	39.8	12.19	40.9	11.82	41.9	11.4
	39	28.4	9.86	34.1	12.12	36.7	12.39	37.3	12.04	37.8	11.89	38.9	11.52	39.9	11.1
	43	28.3	11.27	31.4	12.22	32.7	11.79	33.3	11.44	33.8	11.28	34.8	10.91	35.9	10.49
46	25.6	10.82	28.4	11.77	29.6	11.33	30.2	10.98	30.8	10.83	31.8	10.46	32.9	10.04	
48	23.6	10.51	26.4	11.46	27.6	11.03	28.2	10.68	28.7	10.52	29.8	10.15	30.8	9.73	
50	21.6	10.21	24.4	11.16	25.6	10.72	26.2	10.37	26.7	10.22	27.8	9.85	28.8	9.43	
120	10	26.2	3.55	31.9	4.37	37.5	5.25	40.3	5.72	42.7	6.16	47.6	7.14	52.4	8.25
	12	26.2	3.7	31.9	4.57	37.5	5.51	40.3	6.01	42.7	6.49	47.6	7.55	52.4	8.75
	14	26.2	3.86	31.9	4.79	37.5	5.8	40.3	6.34	42.7	6.87	47.6	8.01	52.4	9.32
	16	26.2	4.05	31.9	5.04	37.5	6.13	40.3	6.72	42.7	7.29	47.6	8.53	52.4	9.95
	18	26.2	4.26	31.9	5.33	37.5	6.51	40.3	7.15	42.7	7.76	47.6	9.11	52.4	10.66
	20	26.2	4.5	31.9	5.66	37.5	6.93	40.3	7.62	42.7	8.29	47.6	9.76	52.4	11.45
	21	26.2	4.63	31.9	5.83	37.5	7.16	40.3	7.88	42.7	8.58	47.6	10.11	52.4	11.87
	23	26.2	4.92	31.9	6.22	37.5	7.66	40.3	8.44	42.7	9.2	47.6	10.86	52.4	12.78
	25	26.2	5.24	31.9	6.65	37.5	8.21	40.3	9.07	42.7	9.89	47.6	11.69	52	13.18
	27	26.2	5.6	31.9	7.13	37.5	8.82	40.3	9.75	42.7	10.64	47.6	12.6	51.1	13.23
	29	26.2	6	31.9	7.66	37.5	9.5	40.3	10.51	42.7	11.48	47.1	13.01	49.1	12.93
	31	26.2	6.44	31.9	8.24	37.5	10.24	40.3	11.33	42.7	12.38	46.1	13.06	47.1	12.62
	33	26.2	6.93	31.9	8.88	37.5	11.05	40.3	12.23	42.2	12.79	44.1	12.76	45.1	12.32
	35	26.2	7.47	31.9	9.58	37.5	11.93	39.7	12.64	41.1	12.84	42.1	12.45	43.1	12.02
	37	26.2	8.06	31.9	10.35	37	12.34	38.6	12.69	39.1	12.53	40.1	12.15	41.1	11.71
	39	26.2	8.7	31.9	11.17	36.1	12.39	36.6	12.38	37.1	12.23	38.1	11.84	39.1	11.41
	43	26.2	10.15	30.4	11.63	32	11.78	32.6	11.78	33.1	11.62	34	11.24	35	10.8
46	24.5	10.25	27.3	11.17	29	11.32	29.6	11.32	30.1	11.17	31	10.78	32	10.34	
48	22.5	9.94	25.3	10.87	27	11.02	27.6	11.02	28	10.86	29	10.48	30	10.04	
50	20.5	9.64	23.3	10.57	25	10.71	25.5	10.71	26	10.56	27	10.17	28	9.74	
110	10	24	3.17	29.2	3.91	34.4	4.71	37	5.12	39.2	5.52	43.6	6.4	48.1	7.38
	12	24	3.3	29.2	4.08	34.4	4.93	37	5.37	39.2	5.8	43.6	6.74	48.1	7.81
	14	24	3.44	29.2	4.27	34.4	5.18	37	5.66	39.2	6.12	43.6	7.13	48.1	8.29
	16	24	3.6	29.2	4.49	34.4	5.46	37	5.98	39.2	6.48	43.6	7.58	48.1	8.83
	18	24	3.78	29.2	4.73	34.4	5.78	37	6.34	39.2	6.88	43.6	8.07	48.1	9.43
	20	24	3.99	29.2	5.01	34.4	6.14	37	6.75	39.2	7.33	43.6	8.63	48.1	10.1
	21	24	4.1	29.2	5.16	34.4	6.34	37	6.97	39.2	7.58	43.6	8.93	48.1	10.47
	23	24	4.34	29.2	5.49	34.4	6.77	37	7.46	39.2	8.12	43.6	9.58	48.1	11.25
	25	24	4.62	29.2	5.86	34.4	7.24	37	8	39.2	8.71	43.6	10.3	48.1	12.11
	27	24	4.93	29.2	6.28	34.4	7.77	37	8.59	39.2	9.37	43.6	11.09	48.1	13.06
	29	24	5.28	29.2	6.73	34.4	8.36	37	9.25	39.2	10.09	43.6	11.96	47.4	13.46
	31	24	5.67	29.2	7.24	34.4	9	37	9.97	39.2	10.88	43.5	12.62	46.2	13.51
	33	24	6.09	29.2	7.8	34.4	9.71	37	10.75	39.2	11.74	42.8	13.03	44.2	13.21
	35	24	6.56	29.2	8.41	34.4	10.48	37	11.61	38.9	12.4	41.3	12.72	42.2	12.91
	37	24	7.08	29.2	9.08	34.4	11.32	36.6	12.02	38.2	12.81	39.3	12.42	40.2	12.6
	39	24	7.64	29.2	9.81	34	11.72	35.9	12.42	36.4	12.5	37.3	12.12	38.2	12.3
	43	24	8.91	28.9	11	31.4	11.83	31.9	11.81	32.4	11.9	33.2	11.51	34.1	11.69
46	23.4	9.47	26	10.54	28.4	11.37	28.9	11.36	29.3	11.44	30.2	11.05	31.1	11.24	
48	21.4	9.17	24	10.24	26.4	11.07	26.9	11.05	27.3	11.14	28.2	10.75	29.1	10.93	
50	19.4	8.86	22	9.93	24.3	10.76	24.9	10.75	25.3	10.83	26.2	10.44	27.1	10.63	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM120AXVDGH/EU

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)	Indoor Temperature (°C, WB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	
100	10	21.8	2.81	26.5	3.48	31.3	4.19	33.6	4.57	35.6	4.93	39.7	5.71	43.7	6.58
	12	21.8	2.92	26.5	3.62	31.3	4.38	33.6	4.78	35.6	5.17	39.7	6	43.7	6.93
	14	21.8	3.04	26.5	3.78	31.3	4.59	33.6	5.02	35.6	5.43	39.7	6.33	43.7	7.34
	16	21.8	3.18	26.5	3.97	31.3	4.83	33.6	5.29	35.6	5.74	39.7	6.7	43.7	7.79
	18	21.8	3.33	26.5	4.18	31.3	5.1	33.6	5.6	35.6	6.08	39.7	7.12	43.7	8.3
	20	21.8	3.51	26.5	4.41	31.3	5.41	33.6	5.95	35.6	6.46	39.7	7.6	43.7	8.88
	21	21.8	3.61	26.5	4.54	31.3	5.58	33.6	6.14	35.6	6.67	39.7	7.85	43.7	9.19
	23	21.8	3.82	26.5	4.82	31.3	5.94	33.6	6.55	35.6	7.13	39.7	8.41	43.7	9.86
	25	21.8	4.06	26.5	5.14	31.3	6.35	33.6	7.01	35.6	7.64	39.7	9.02	43.7	10.6
	27	21.8	4.32	26.5	5.5	31.3	6.81	33.6	7.52	35.6	8.2	39.7	9.7	43.7	11.41
	29	21.8	4.62	26.5	5.89	31.3	7.31	33.6	8.08	35.6	8.82	39.7	10.45	43.7	12.31
	31	21.8	4.96	26.5	6.33	31.3	7.87	33.6	8.71	35.6	9.51	39.7	11.27	43.5	12.99
	33	21.8	5.32	26.5	6.81	31.3	8.48	33.6	9.39	35.6	10.25	39.7	12.17	42.9	13.39
	35	21.8	5.73	26.5	7.34	31.3	9.15	33.6	10.13	35.6	11.07	39.2	12.57	41.3	13.09
	37	21.8	6.18	26.5	7.92	31.3	9.88	33.6	10.94	35.6	11.71	38.5	12.62	39.3	12.78
	39	21.8	6.67	26.5	8.55	31.3	10.67	33.4	11.57	34.9	12.11	36.5	12.32	37.3	12.48
	43	21.8	7.78	26.5	9.98	30.1	11.34	31.2	11.8	31.7	11.86	32.5	11.71	33.3	11.87
46	21.8	8.73	24.7	10.07	27	10.89	28.2	11.34	28.6	11.4	29.4	11.26	30.2	11.42	
48	20.3	8.43	22.7	9.76	25	10.58	26.2	11.04	26.6	11.1	27.4	10.95	28.2	11.11	
50	18.3	8.12	20.7	9.46	23	10.28	24.2	10.74	24.6	10.8	25.4	10.65	26.2	10.81	
90	10	19.7	2.43	23.9	3.01	28.1	3.64	30.2	3.97	32.1	4.28	35.7	4.97	39.3	5.72
	12	19.7	2.52	23.9	3.13	28.1	3.8	30.2	4.14	32.1	4.48	35.7	5.2	39.3	6.01
	14	19.7	2.62	23.9	3.27	28.1	3.97	30.2	4.34	32.1	4.7	35.7	5.47	39.3	6.34
	16	19.7	2.73	23.9	3.42	28.1	4.17	30.2	4.56	32.1	4.95	35.7	5.78	39.3	6.72
	18	19.7	2.86	23.9	3.59	28.1	4.39	30.2	4.82	32.1	5.23	35.7	6.12	39.3	7.13
	20	19.7	3.01	23.9	3.78	28.1	4.64	30.2	5.1	32.1	5.54	35.7	6.51	39.3	7.61
	21	19.7	3.09	23.9	3.89	28.1	4.78	30.2	5.26	32.1	5.72	35.7	6.72	39.3	7.86
	23	19.7	3.26	23.9	4.13	28.1	5.09	30.2	5.6	32.1	6.1	35.7	7.18	39.3	8.42
	25	19.7	3.46	23.9	4.39	28.1	5.43	30.2	5.98	32.1	6.52	35.7	7.69	39.3	9.03
	27	19.7	3.68	23.9	4.69	28.1	5.81	30.2	6.41	32.1	6.99	35.7	8.26	39.3	9.71
	29	19.7	3.93	23.9	5.01	28.1	6.23	30.2	6.88	32.1	7.51	35.7	8.89	39.3	10.46
	31	19.7	4.21	23.9	5.38	28.1	6.69	30.2	7.4	32.1	8.08	35.7	9.58	39.3	11.28
	33	19.7	4.52	23.9	5.79	28.1	7.21	30.2	7.97	32.1	8.71	35.7	10.33	39.3	12.18
	35	19.7	4.86	23.9	6.23	28.1	7.77	30.2	8.6	32.1	9.4	35.7	11.15	39	12.58
	37	19.7	5.24	23.9	6.72	28.1	8.39	30.2	9.29	32.1	10.15	35.6	11.79	38.3	12.99
	39	19.7	5.65	23.9	7.26	28.1	9.06	30.2	10.03	32.1	10.96	35	12.2	36.4	12.68
	43	19.7	6.59	23.9	8.46	28.1	10.37	29.6	10.88	30.5	11.42	31.7	11.94	32.4	12.08
46	19.7	7.4	23.4	8.99	25.5	9.91	26.5	10.43	27.4	10.96	28.6	11.49	29.4	11.62	
48	19.2	7.54	21.4	8.68	23.5	9.61	24.5	10.12	25.4	10.66	26.6	11.18	27.3	11.32	
50	17.2	7.23	19.3	8.38	21.5	9.31	22.5	9.82	23.4	10.36	24.6	10.88	25.3	11.01	
80	10	17.5	2.08	21.2	2.59	25	3.14	26.9	3.42	28.5	3.7	31.7	4.29	34.9	4.95
	12	17.5	2.15	21.2	2.69	25	3.26	26.9	3.57	28.5	3.86	31.7	4.48	34.9	5.19
	14	17.5	2.24	21.2	2.8	25	3.4	26.9	3.73	28.5	4.04	31.7	4.7	34.9	5.45
	16	17.5	2.33	21.2	2.92	25	3.56	26.9	3.91	28.5	4.24	31.7	4.95	34.9	5.75
	18	17.5	2.44	21.2	3.06	25	3.74	26.9	4.11	28.5	4.47	31.7	5.22	34.9	6.09
	20	17.5	2.55	21.2	3.22	25	3.95	26.9	4.35	28.5	4.72	31.7	5.54	34.9	6.48
	21	17.5	2.62	21.2	3.31	25	4.06	26.9	4.48	28.5	4.87	31.7	5.71	34.9	6.69
	23	17.5	2.76	21.2	3.5	25	4.31	26.9	4.75	28.5	5.18	31.7	6.09	34.9	7.14
	25	17.5	2.93	21.2	3.72	25	4.59	26.9	5.07	28.5	5.52	31.7	6.51	34.9	7.65
	27	17.5	3.11	21.2	3.96	25	4.9	26.9	5.42	28.5	5.91	31.7	6.98	34.9	8.21
	29	17.5	3.32	21.2	4.23	25	5.25	26.9	5.81	28.5	6.34	31.7	7.5	34.9	8.83
	31	17.5	3.55	21.2	4.53	25	5.64	26.9	6.24	28.5	6.81	31.7	8.07	34.9	9.51
	33	17.5	3.81	21.2	4.87	25	6.06	26.9	6.72	28.5	7.34	31.7	8.69	34.9	10.26
	35	17.5	4.09	21.2	5.24	25	6.53	26.9	7.24	28.5	7.91	31.7	9.38	34.9	11.07
	37	17.5	4.41	21.2	5.65	25	7.05	26.9	7.81	28.5	8.54	31.7	10.13	34.9	11.96
	39	17.5	4.75	21.2	6.1	25	7.61	26.9	8.44	28.5	9.22	31.7	10.94	34.4	12.36
	43	17.5	5.54	21.2	7.11	25	8.87	26.9	9.84	28.3	10.55	30.3	11.4	31.5	12.11
46	17.5	6.22	21.2	7.98	23.9	8.92	24.9	9.74	25.7	10.1	27.3	10.94	28.5	11.65	
48	17.5	6.71	20	7.68	21.9	8.61	22.8	9.44	23.7	9.79	25.3	10.64	26.5	11.35	
50	16.1	6.41	18	7.37	19.9	8.31	20.8	9.13	21.6	9.49	23.3	10.33	24.5	11.05	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM120AXVDGH/EU

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)	Indoor Temperature (°C, WB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	10	15.3	1.76	18.6	2.2	21.9	2.67	23.5	2.92	24.9	3.16	27.8	3.67	30.6	4.23
	12	15.3	1.82	18.6	2.28	21.9	2.77	23.5	3.03	24.9	3.28	27.8	3.82	30.6	4.42
	14	15.3	1.89	18.6	2.36	21.9	2.88	23.5	3.16	24.9	3.42	27.8	3.99	30.6	4.63
	16	15.3	1.96	18.6	2.47	21.9	3.01	23.5	3.31	24.9	3.58	27.8	4.19	30.6	4.87
	18	15.3	2.05	18.6	2.58	21.9	3.16	23.5	3.47	24.9	3.77	27.8	4.41	30.6	5.14
	20	15.3	2.15	18.6	2.71	21.9	3.32	23.5	3.66	24.9	3.97	27.8	4.66	30.6	5.45
	21	15.3	2.2	18.6	2.78	21.9	3.42	23.5	3.76	24.9	4.09	27.8	4.8	30.6	5.61
	23	15.3	2.32	18.6	2.93	21.9	3.62	23.5	3.99	24.9	4.34	27.8	5.11	30.6	5.98
	25	15.3	2.45	18.6	3.11	21.9	3.84	23.5	4.24	24.9	4.62	27.8	5.45	30.6	6.39
	27	15.3	2.6	18.6	3.31	21.9	4.1	23.5	4.52	24.9	4.93	27.8	5.83	30.6	6.85
	29	15.3	2.77	18.6	3.53	21.9	4.38	23.5	4.84	24.9	5.28	27.8	6.25	30.6	7.35
	31	15.3	2.96	18.6	3.78	21.9	4.7	23.5	5.19	24.9	5.67	27.8	6.71	30.6	7.91
	33	15.3	3.17	18.6	4.06	21.9	5.05	23.5	5.58	24.9	6.1	27.8	7.23	30.6	8.52
	35	15.3	3.4	18.6	4.36	21.9	5.43	23.5	6.01	24.9	6.57	27.8	7.79	30.6	9.19
	37	15.3	3.66	18.6	4.7	21.9	5.86	23.5	6.48	24.9	7.09	27.8	8.41	30.6	9.92
	39	15.3	3.95	18.6	5.07	21.9	6.32	23.5	7	24.9	7.65	27.8	9.08	30.6	10.72
	43	15.3	4.6	18.6	5.91	21.9	7.37	23.5	8.16	24.9	8.93	27.8	10.59	29.7	11.39
46	15.3	5.16	18.6	6.63	21.9	8.27	23.2	8.66	23.9	8.97	25.3	10.14	26.7	10.94	
48	15.3	5.57	18.6	7.16	20.3	7.97	21.2	8.36	21.9	8.67	23.3	9.83	24.7	10.63	
50	15	5.64	16.7	6.86	18.3	7.66	19.2	8.06	19.9	8.37	21.3	9.53	22.7	10.33	
60	10	13.1	1.46	15.9	1.83	18.8	2.23	20.2	2.44	21.4	2.64	23.8	3.08	26.2	3.57
	12	13.1	1.51	15.9	1.89	18.8	2.31	20.2	2.53	21.4	2.74	23.8	3.2	26.2	3.71
	14	13.1	1.56	15.9	1.96	18.8	2.4	20.2	2.63	21.4	2.85	23.8	3.33	26.2	3.88
	16	13.1	1.62	15.9	2.04	18.8	2.5	20.2	2.75	21.4	2.98	23.8	3.49	26.2	4.06
	18	13.1	1.69	15.9	2.13	18.8	2.62	20.2	2.88	21.4	3.13	23.8	3.66	26.2	4.28
	20	13.1	1.77	15.9	2.23	18.8	2.75	20.2	3.02	21.4	3.29	23.8	3.86	26.2	4.52
	21	13.1	1.81	15.9	2.29	18.8	2.82	20.2	3.1	21.4	3.38	23.8	3.97	26.2	4.65
	23	13.1	1.9	15.9	2.41	18.8	2.98	20.2	3.28	21.4	3.58	23.8	4.21	26.2	4.94
	25	13.1	2.01	15.9	2.55	18.8	3.16	20.2	3.48	21.4	3.8	23.8	4.48	26.2	5.26
	27	13.1	2.13	15.9	2.71	18.8	3.36	20.2	3.71	21.4	4.05	23.8	4.78	26.2	5.62
	29	13.1	2.26	15.9	2.89	18.8	3.59	20.2	3.96	21.4	4.33	23.8	5.12	26.2	6.02
	31	13.1	2.41	15.9	3.09	18.8	3.84	20.2	4.24	21.4	4.64	23.8	5.49	26.2	6.47
	33	13.1	2.58	15.9	3.31	18.8	4.12	20.2	4.56	21.4	4.98	23.8	5.91	26.2	6.96
	35	13.1	2.77	15.9	3.55	18.8	4.43	20.2	4.9	21.4	5.36	23.8	6.36	26.2	7.5
	37	13.1	2.98	15.9	3.82	18.8	4.77	20.2	5.28	21.4	5.78	23.8	6.86	26.2	8.09
	39	13.1	3.21	15.9	4.12	18.8	5.15	20.2	5.7	21.4	6.24	23.8	7.41	26.2	8.74
	43	13.1	3.74	15.9	4.8	18.8	6	20.2	6.65	21.4	7.27	23.8	8.64	26.2	10.19
46	13.1	4.2	15.9	5.39	18.8	6.74	20.2	7.46	21.4	8.16	23.3	9.18	24.5	10.29	
48	13.1	4.53	15.9	5.82	18.8	7.28	19.5	7.6	20.1	7.86	21.3	8.88	22.5	9.99	
50	13.1	4.89	15.4	5.9	16.8	6.97	17.5	7.3	18.1	7.56	19.3	8.57	20.5	9.68	
50	10	10.9	1.18	13.3	1.48	15.6	1.81	16.8	2	17.8	2.16	19.8	2.52	21.8	2.93
	12	10.9	1.22	13.3	1.53	15.6	1.88	16.8	2.07	17.8	2.24	19.8	2.61	21.8	3.04
	14	10.9	1.26	13.3	1.59	15.6	1.95	16.8	2.14	17.8	2.33	19.8	2.72	21.8	3.16
	16	10.9	1.31	13.3	1.65	15.6	2.03	16.8	2.23	17.8	2.42	19.8	2.83	21.8	3.31
	18	10.9	1.36	13.3	1.72	15.6	2.12	16.8	2.33	17.8	2.53	19.8	2.97	21.8	3.47
	20	10.9	1.42	13.3	1.8	15.6	2.22	16.8	2.44	17.8	2.66	19.8	3.12	21.8	3.65
	21	10.9	1.45	13.3	1.84	15.6	2.27	16.8	2.51	17.8	2.73	19.8	3.2	21.8	3.75
	23	10.9	1.52	13.3	1.94	15.6	2.39	16.8	2.64	17.8	2.88	19.8	3.39	21.8	3.97
	25	10.9	1.61	13.3	2.04	15.6	2.53	16.8	2.8	17.8	3.05	19.8	3.59	21.8	4.22
	27	10.9	1.7	13.3	2.17	15.6	2.69	16.8	2.97	17.8	3.24	19.8	3.82	21.8	4.5
	29	10.9	1.8	13.3	2.3	15.6	2.86	16.8	3.17	17.8	3.46	19.8	4.08	21.8	4.81
	31	10.9	1.92	13.3	2.46	15.6	3.06	16.8	3.39	17.8	3.7	19.8	4.37	21.8	5.15
	33	10.9	2.05	13.3	2.63	15.6	3.28	16.8	3.63	17.8	3.96	19.8	4.7	21.8	5.54
	35	10.9	2.2	13.3	2.82	15.6	3.52	16.8	3.9	17.8	4.26	19.8	5.05	21.8	5.96
	37	10.9	2.37	13.3	3.03	15.6	3.79	16.8	4.2	17.8	4.59	19.8	5.44	21.8	6.43
	39	10.9	2.55	13.3	3.27	15.6	4.09	16.8	4.53	17.8	4.95	19.8	5.87	21.8	6.94
	43	10.9	2.96	13.3	3.81	15.6	4.76	16.8	5.28	17.8	5.77	19.8	6.85	21.8	8.09
46	10.9	3.32	13.3	4.27	15.6	5.34	16.8	5.92	17.8	6.48	19.8	7.69	21.8	9.08	
48	10.9	3.59	13.3	4.61	15.6	5.77	16.8	6.4	17.8	6.99	19.3	7.84	20.3	8.78	
50	10.9	3.88	13.3	4.98	15.2	5.84	15.8	6.09	16.3	6.69	17.3	7.53	18.3	8.47	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM120AXVDGH/EU

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)		Indoor Temperature (°C, DB)									
	DB	WB	16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	-25	-25.1	30.3	11.99	29.6	12.3	29	12.92	28.2	13.75	27.4	14.38
	-22	-22.2	34.4	12.92	33.7	13.24	33	13.86	32	14.69	29.6	14.89
	-20	-20.2	37.1	13.55	36.5	13.86	35.8	14.48	33.4	14.89	30.9	15.1
	-17	-17.3	41.2	14.48	39.9	14.79	37.8	15	35.4	15.21	33	15.41
	-15	-15.3	43.2	14.89	41.3	15	39.2	15.21	36.8	15.41	34.3	15.62
	-12	-12.4	45.2	15.21	43.3	15.31	41.2	15.52	38.8	15.72	36.4	15.93
	-10	-10.5	46.6	15.41	44.7	15.52	42.6	15.72	40.2	15.93	37.7	16.14
	-7	-7.6	48.7	15.72	46.7	15.83	44.6	16.04	42.2	16.24	39.6	16.45
	-5	-5.6	50	15.93	48.1	16.04	46	16.24	43.3	16.45	40	16.45
	-3	-3.7	51.4	16.14	49.5	16.24	47.1	16.45	43.7	16.45	40.3	16.45
	0	-0.7	53.4	16.45	50.5	16.45	47.6	16.45	44.3	16.45	40.9	16.45
	3	2.2	53.9	16.45	51.1	16.45	48.2	16.45	44.8	16.45	41.3	15.35
	5	4.1	54.3	16.45	51.4	16.45	48.6	16.45	45.2	16.15	41.3	14.3
	7	6	54.7	16.45	51.8	16.45	49	16.45	45.2	15.05	41.3	13.35
	9	7.9	55.1	16.45	52.2	16.45	49.1	15.74	45.2	14.09	41.3	12.53
11	9.8	55.5	16.45	52.6	16.21	49.1	14.75	45.2	13.24	41.3	11.8	
13	11.8	55.8	16.45	52.6	15.22	49.1	13.87	45.2	12.48	41.3	11.16	
15	13.7	56	15.63	52.6	14.33	49.1	13.1	45.2	11.81	41.3	10.59	
120	-25	-25.1	29.5	12.61	28.8	12.92	28.2	13.55	27.5	14.38	26.2	14.69
	-22	-22.2	33.6	13.55	32.9	13.86	32.3	14.48	30.1	14.89	28.2	15
	-20	-20.2	36.3	14.17	35.6	14.48	33.7	14.89	31.4	15.1	29.6	15.21
	-17	-17.3	39.5	14.89	37.8	15	35.7	15.21	33.5	15.41	31.6	15.52
	-15	-15.3	40.9	15.1	39.2	15.21	37.1	15.41	34.8	15.62	33	15.72
	-12	-12.4	42.9	15.41	41.2	15.52	39.1	15.72	36.9	15.93	35	16.04
	-10	-10.5	44.3	15.62	42.6	15.72	40.5	15.93	38.2	16.14	36.4	16.24
	-7	-7.6	46.3	15.93	44.6	16.04	42.5	16.24	40.2	16.45	37.3	16.45
	-5	-5.6	47.7	16.14	46	16.24	43.7	16.45	40.6	16.45	37.7	16.45
	-3	-3.7	49.1	16.35	46.8	16.45	44	16.45	41	16.45	38.1	16.32
	0	-0.7	50	16.45	47.4	16.45	44.6	16.45	41.5	16.45	38.1	14.55
	3	2.2	50.6	16.45	48	16.45	45.2	16.45	41.7	14.76	38.1	13.04
	5	4.1	51	16.45	48.4	16.45	45.4	15.41	41.7	13.74	38.1	12.16
	7	6	51.3	16.45	48.5	15.84	45.4	14.36	41.7	12.83	38.1	11.38
	9	7.9	51.7	16.24	48.5	14.8	45.4	13.44	41.7	12.04	38.1	10.7
11	9.8	51.7	15.2	48.5	13.87	45.4	12.63	41.7	11.33	38.1	10.1	
13	11.8	51.7	14.28	48.5	13.05	45.4	11.91	41.7	10.71	38.1	9.57	
15	13.7	51.7	13.46	48.5	12.33	45.4	11.27	41.7	10.16	38.1	9.11	
110	-25	-25.1	28.6	13.24	28	13.75	27.4	14.17	26.5	14.69	24.4	14.89
	-22	-22.2	32.7	14.17	32.1	14.69	30.3	14.89	28.5	15	26.5	15.21
	-20	-20.2	35	14.79	33.4	14.89	31.7	15.1	29.9	15.21	27.8	15.41
	-17	-17.3	37.1	15.1	35.5	15.21	33.7	15.41	31.9	15.52	29.9	15.72
	-15	-15.3	38.4	15.31	36.9	15.41	35.1	15.62	33.3	15.72	31.2	15.93
	-12	-12.4	40.5	15.62	38.9	15.72	37.1	15.93	35.3	16.04	33.3	16.24
	-10	-10.5	41.8	15.83	40.3	15.93	38.5	16.14	36.7	16.24	34.4	16.45
	-7	-7.6	43.9	16.14	42.3	16.24	40.4	16.45	37.7	16.45	34.9	16.15
	-5	-5.6	45.2	16.35	43.2	16.45	40.8	16.45	38.1	16.45	34.9	14.92
	-3	-3.7	45.9	16.45	43.5	16.45	41.2	16.45	38.3	15.68	34.9	13.8
	0	-0.7	46.5	16.45	44.1	16.45	41.6	15.73	38.3	13.98	34.9	12.33
	3	2.2	47	16.45	44.5	15.55	41.6	14.06	38.3	12.52	34.9	11.07
	5	4.1	47.4	15.92	44.5	14.46	41.6	13.09	38.3	11.68	34.9	10.34
	7	6	47.4	14.82	44.5	13.48	41.6	12.22	38.3	10.92	34.9	9.69
	9	7.9	47.4	13.86	44.5	12.62	41.6	11.46	38.3	10.27	34.9	9.13
11	9.8	47.4	13	44.5	11.86	41.6	10.79	38.3	9.69	34.9	8.63	
13	11.8	47.4	12.24	44.5	11.19	41.6	10.2	38.3	9.18	34.9	8.2	
15	13.7	47.4	11.57	44.5	10.6	41.6	9.68	38.3	8.73	34.9	7.82	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM120AXVDGH/EU

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)		Indoor Temperature (°C, DB)									
	DB	WB	16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	-25	-25.1	27.8	13.86	27.2	14.38	26.2	14.79	24.5	14.89	22.9	14.47
	-22	-22.2	31.3	14.79	29.8	14.89	28.2	15.1	26.6	15.21	24.9	14.78
	-20	-20.2	32.7	15	31.1	15.1	29.6	15.31	27.9	15.41	26.3	14.99
	-17	-17.3	34.7	15.31	33.2	15.41	31.6	15.62	30	15.72	28.3	15.3
	-15	-15.3	36.1	15.52	34.5	15.62	33	15.83	31.3	15.93	29.7	15.5
	-12	-12.4	38.1	15.83	36.6	15.93	35	16.14	33.4	16.24	31.7	15.82
	-10	-10.5	39.5	16.04	37.9	16.14	36.4	16.35	34.4	16.45	31.8	15.29
	-7	-7.6	41.6	16.35	39.5	16.45	37.4	16.45	34.8	15.43	31.8	13.56
	-5	-5.6	42.1	16.45	39.9	16.45	37.8	16.08	34.8	14.25	31.8	12.53
	-3	-3.7	42.5	16.45	40.3	16.45	37.8	14.87	34.8	13.19	31.8	11.61
	0	-0.7	43.1	16.22	40.5	14.7	37.8	13.26	34.8	11.78	31.8	10.39
	3	2.2	43.1	14.49	40.5	13.15	37.8	11.88	34.8	10.58	31.8	9.35
	5	4.1	43.1	13.48	40.5	12.25	37.8	11.08	34.8	9.88	31.8	8.75
	7	6	43.1	12.58	40.5	11.44	37.8	10.37	34.8	9.26	31.8	8.22
	9	7.9	43.1	11.79	40.5	10.74	37.8	9.75	34.8	8.72	31.8	7.76
11	9.8	43.1	11.09	40.5	10.12	37.8	9.21	34.8	8.25	31.8	7.36	
13	11.8	43.1	10.48	40.5	9.57	37.8	8.72	34.8	7.84	31.8	7.01	
15	13.7	43.1	9.93	40.5	9.09	37.8	8.3	34.8	7.47	31.8	6.7	
90	-25	-25.1	26.8	14.69	25.4	14.79	24.2	14.89	22.6	14.83	20.8	13.54
	-22	-22.2	28.9	15	27.5	15.1	26.2	15.21	24.6	15.14	22.8	13.85
	-20	-20.2	30.2	15.21	28.8	15.31	27.6	15.41	26	15.35	24.2	14.05
	-17	-17.3	32.3	15.52	30.9	15.62	29.6	15.72	28	15.66	26.2	14.37
	-15	-15.3	33.6	15.72	32.2	15.83	31	15.93	29.4	15.87	27.6	14.57
	-12	-12.4	35.7	16.04	34.3	16.14	33.1	16.24	31.3	16.18	28.6	14.19
	-10	-10.5	37	16.24	35.6	16.35	33.8	16.45	31.3	14.91	28.6	13.09
	-7	-7.6	38.2	16.45	36.2	16.45	34	14.9	31.3	13.23	28.6	11.62
	-5	-5.6	38.6	16.45	36.4	15.31	34	13.77	31.3	12.23	28.6	10.75
	-3	-3.7	38.8	15.64	36.4	14.16	34	12.74	31.3	11.33	28.6	9.97
	0	-0.7	38.8	13.94	36.4	12.63	34	11.39	31.3	10.14	28.6	8.94
	3	2.2	38.8	12.48	36.4	11.33	34	10.23	31.3	9.12	28.6	8.06
	5	4.1	38.8	11.64	36.4	10.57	34	9.57	31.3	8.54	28.6	7.56
	7	6	38.8	10.88	36.4	9.9	34	8.97	31.3	8.02	28.6	7.11
	9	7.9	38.8	10.22	36.4	9.32	34	8.46	31.3	7.57	28.6	6.73
11	9.8	38.8	9.64	36.4	8.8	34	8	31.3	7.18	28.6	6.39	
13	11.8	38.8	9.13	36.4	8.35	34	7.61	31.3	6.83	28.6	6.1	
15	13.7	38.8	8.68	36.4	7.95	34	7.26	31.3	6.53	28.6	5.84	
80	-25	-25.1	24.3	14.89	23.3	14.99	21.9	14.08	20.3	12.95	18.7	12.51
	-22	-22.2	26.4	15.21	25.3	15.3	23.9	14.39	22.3	13.26	20.7	12.82
	-20	-20.2	27.7	15.41	26.7	15.5	25.3	14.6	23.7	13.47	22.1	13.03
	-17	-17.3	29.8	15.72	28.7	15.82	27.3	14.91	25.7	13.78	24.1	13.34
	-15	-15.3	31.1	15.93	30.1	16.02	28.7	15.12	27.1	13.99	25.4	13.55
	-12	-12.4	33.2	16.24	32.1	16.33	30.2	15.43	27.8	13.63	25.4	11.99
	-10	-10.5	34.1	16.45	32.4	15.78	30.2	14.22	27.8	12.57	25.4	11.06
	-7	-7.6	34.5	15.51	32.4	13.99	30.2	12.62	27.8	11.16	25.4	9.83
	-5	-5.6	34.5	14.33	32.4	12.94	30.2	11.67	27.8	10.33	25.4	9.11
	-3	-3.7	34.5	13.26	32.4	11.98	30.2	10.81	27.8	9.59	25.4	8.46
	0	-0.7	34.5	11.84	32.4	10.72	30.2	9.68	27.8	8.6	25.4	7.6
	3	2.2	34.5	10.64	32.4	9.64	30.2	8.73	27.8	7.77	25.4	6.88
	5	4.1	34.5	9.94	32.4	9.02	30.2	8.17	27.8	7.29	25.4	6.46
	7	6	34.5	9.32	32.4	8.47	30.2	7.68	27.8	6.86	25.4	6.09
	9	7.9	34.5	8.78	32.4	8	30.2	7.26	27.8	6.5	25.4	5.78
11	9.8	34.5	8.31	32.4	7.58	30.2	6.89	27.8	6.18	25.4	5.5	
13	11.8	34.5	7.9	32.4	7.21	30.2	6.56	27.8	5.9	25.4	5.26	
15	13.7	34.5	7.53	32.4	6.89	30.2	6.28	27.8	5.65	25.4	5.05	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM120AXVDGH/EU

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)		Indoor Temperature (°C, DB)									
	DB	WB	16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	-25	-25.1	21.8	14.44	20.6	13.59	19.4	12.76	17.9	11.78	16.5	10.82
	-22	-22.2	23.9	14.75	22.6	13.9	21.4	13.07	20	12.09	18.6	11.14
	-20	-20.2	25.2	14.96	24	14.1	22.8	13.28	21.3	12.3	19.9	11.34
	-17	-17.3	27.3	15.27	26	14.42	24.8	13.59	23.4	12.61	22	11.65
	-15	-15.3	28.6	15.48	27.4	14.62	26.2	13.8	24.3	12.81	22.2	11.29
	-12	-12.4	30.2	15.79	28.3	14.24	26.5	12.82	24.3	11.34	22.2	9.99
	-10	-10.5	30.2	14.56	28.3	13.13	26.5	11.82	24.3	10.47	22.2	9.23
	-7	-7.6	30.2	12.91	28.3	11.66	26.5	10.5	24.3	9.31	22.2	8.21
	-5	-5.6	30.2	11.94	28.3	10.79	26.5	9.73	24.3	8.63	22.2	7.61
	-3	-3.7	30.2	11.07	28.3	10.01	26.5	9.03	24.3	8.01	22.2	7.08
	0	-0.7	30.2	9.91	28.3	8.97	26.5	8.11	24.3	7.21	22.2	6.37
	3	2.2	30.2	8.93	28.3	8.1	26.5	7.33	24.3	6.53	22.2	5.78
	5	4.1	30.2	8.36	28.3	7.6	26.5	6.88	24.3	6.14	22.2	5.44
	7	6	30.2	7.86	28.3	7.15	26.5	6.48	24.3	5.79	22.2	5.14
	9	7.9	30.2	7.43	28.3	6.77	26.5	6.14	24.3	5.5	22.2	4.89
11	9.8	30.2	7.05	28.3	6.43	26.5	5.84	24.3	5.24	22.2	4.66	
13	11.8	30.2	6.72	28.3	6.14	26.5	5.58	24.3	5.01	22.2	4.47	
15	13.7	30.2	6.42	28.3	5.88	26.5	5.36	24.3	4.82	22.2	4.3	
60	-25	-25.1	19	12.79	17.9	12.06	16.8	11.33	15.6	10.49	14.4	9.65
	-22	-22.2	21	13.1	19.9	12.38	18.9	11.64	17.7	10.8	16.5	9.96
	-20	-20.2	22.4	13.31	21.3	12.58	20.2	11.85	19	11.01	17.8	10.17
	-17	-17.3	24.4	13.62	23.3	12.89	22.3	12.16	20.9	11.32	19.1	9.96
	-15	-15.3	25.8	13.83	24.3	13.1	22.7	11.77	20.9	10.43	19.1	9.18
	-12	-12.4	25.9	12.84	24.3	11.6	22.7	10.42	20.9	9.24	19.1	8.13
	-10	-10.5	25.9	11.85	24.3	10.7	22.7	9.62	20.9	8.54	19.1	7.52
	-7	-7.6	25.9	10.53	24.3	9.52	22.7	8.56	20.9	7.6	19.1	6.7
	-5	-5.6	25.9	9.75	24.3	8.82	22.7	7.94	20.9	7.05	19.1	6.22
	-3	-3.7	25.9	9.05	24.3	8.19	22.7	7.38	20.9	6.56	19.1	5.79
	0	-0.7	25.9	8.13	24.3	7.37	22.7	6.65	20.9	5.92	19.1	5.23
	3	2.2	25.9	7.36	24.3	6.67	22.7	6.03	20.9	5.38	19.1	4.76
	5	4.1	25.9	6.91	24.3	6.27	22.7	5.67	20.9	5.06	19.1	4.49
	7	6	25.9	6.51	24.3	5.92	22.7	5.36	20.9	4.79	19.1	4.25
	9	7.9	25.9	6.17	24.3	5.62	22.7	5.09	20.9	4.56	19.1	4.05
11	9.8	25.9	5.88	24.3	5.36	22.7	4.86	20.9	4.36	19.1	3.87	
13	11.8	25.9	5.62	24.3	5.13	22.7	4.66	20.9	4.18	19.1	3.72	
15	13.7	25.9	5.39	24.3	4.93	22.7	4.48	20.9	4.02	19.1	3.59	
50	-25	-25.1	16.1	10.99	15.2	10.41	14.3	9.82	13.3	9.11	12.3	7.92
	-22	-22.2	18.1	11.3	17.2	10.72	16.4	10.13	15.4	9.42	14.4	8.23
	-20	-20.2	19.5	11.51	18.6	10.93	17.7	10.34	16.7	9.63	15.7	8.44
	-17	-17.3	21.5	11.82	20.2	11.24	18.9	10.12	17.4	8.96	15.9	7.87
	-15	-15.3	21.6	11.44	20.2	10.36	18.9	9.33	17.4	8.26	15.9	7.25
	-12	-12.4	21.6	10.14	20.2	9.18	18.9	8.27	17.4	7.33	15.9	6.44
	-10	-10.5	21.6	9.36	20.2	8.48	18.9	7.64	17.4	6.77	15.9	5.95
	-7	-7.6	21.6	8.33	20.2	7.55	18.9	6.81	17.4	6.04	15.9	5.32
	-5	-5.6	21.6	7.73	20.2	7.01	18.9	6.32	17.4	5.62	15.9	4.94
	-3	-3.7	21.6	7.19	20.2	6.52	18.9	5.89	17.4	5.23	15.9	4.61
	0	-0.7	21.6	6.48	20.2	5.89	18.9	5.32	17.4	4.73	15.9	4.17
	3	2.2	21.6	5.89	20.2	5.35	18.9	4.84	17.4	4.31	15.9	3.81
	5	4.1	21.6	5.54	20.2	5.04	18.9	4.56	17.4	4.07	15.9	3.6
	7	6	21.6	5.24	20.2	4.77	18.9	4.32	17.4	3.86	15.9	3.42
	9	7.9	21.6	4.98	20.2	4.54	18.9	4.12	17.4	3.68	15.9	3.27
11	9.8	21.6	4.76	20.2	4.34	18.9	3.94	17.4	3.53	15.9	3.13	
13	11.8	21.6	4.57	20.2	4.17	18.9	3.78	17.4	3.39	15.9	3.02	
15	13.7	21.6	4.4	20.2	4.01	18.9	3.65	17.4	3.28	15.9	2.92	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM140AXVDGH/EU

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)	Indoor Temperature (°C, WB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	
130	10	33.8	4.71	41.1	5.82	48.4	7.05	52	7.73	55.1	8.38	61.4	9.85	67.6	11.57
	12	33.8	4.96	41.1	6.16	48.4	7.51	52	8.25	55.1	8.96	61.4	10.57	67.6	12.45
	14	33.8	5.24	41.1	6.55	48.4	8.01	52	8.83	55.1	9.61	61.4	11.36	67.6	13.41
	16	33.8	5.56	41.1	6.98	48.4	8.58	52	9.47	55.1	10.32	61.4	12.23	67.6	14.46
	18	33.8	5.92	41.1	7.47	48.4	9.21	52	10.18	55.1	11.11	61.4	13.19	67.4	15.28
	20	33.8	6.32	41.1	8.01	48.4	9.91	52	10.96	55.1	11.97	61.4	14.23	66.6	15.35
	21	33.8	6.54	41.1	8.3	48.4	10.28	52	11.38	55.1	12.43	61.4	14.78	65.4	15.15
	23	33.8	7.01	41.1	8.92	48.4	11.08	52	12.27	55.1	13.42	61.1	15.63	63	14.75
	25	33.8	7.53	41.1	9.61	48.4	11.95	52	13.25	55.1	14.49	59.3	15.23	60.6	14.36
	27	33.8	8.1	41.1	10.36	48.4	12.91	52	14.31	55.1	15.65	56.9	14.84	58.2	13.96
	29	33.8	8.74	41.1	11.18	48.4	13.94	52	15.45	53.3	15.25	54.5	14.44	55.8	13.57
	31	33.8	9.43	41.1	12.08	48.4	15.06	50.3	15.06	50.9	14.86	52.1	14.05	53.4	13.17
	33	33.8	10.18	41.1	13.05	47.1	14.66	47.9	14.66	48.5	14.46	49.7	13.65	51	12.78
	35	33.8	10.99	41.1	14.09	44.7	14.27	45.5	14.27	46.1	14.07	47.3	13.26	48.6	12.38
	37	33.8	11.87	40.9	14.44	42.3	13.87	43.1	13.87	43.7	13.67	44.9	12.86	46.2	11.99
	39	33.8	12.82	38.5	14.05	39.9	13.48	40.7	13.48	41.3	13.28	42.5	12.47	43.8	11.59
	43	30.4	12.72	33.7	13.26	35.1	12.69	35.9	12.69	36.5	12.49	37.7	11.68	39	10.8
	46	26.8	12.13	30.1	12.67	31.5	12.09	32.3	12.1	32.9	11.9	34.1	11.09	35.4	10.21
	48	24.4	11.73	27.7	12.27	29.1	11.7	29.9	11.7	30.5	11.5	31.7	10.69	33	9.82
	50	22	11.34	25.3	11.88	26.7	11.31	27.5	11.31	28.1	11.11	29.3	10.3	30.6	9.42
120	10	31.2	4.22	37.9	5.21	44.6	6.31	48	6.9	50.9	7.48	56.6	8.76	62.4	10.25
	12	31.2	4.44	37.9	5.51	44.6	6.7	48	7.35	50.9	7.98	56.6	9.37	62.4	11
	14	31.2	4.68	37.9	5.84	44.6	7.13	48	7.84	50.9	8.53	56.6	10.06	62.4	11.83
	16	31.2	4.95	37.9	6.21	44.6	7.62	48	8.4	50.9	9.15	56.6	10.81	62.4	12.74
	18	31.2	5.26	37.9	6.63	44.6	8.17	48	9.01	50.9	9.83	56.6	11.64	62.4	13.74
	20	31.2	5.61	37.9	7.1	44.6	8.77	48	9.69	50.9	10.58	56.6	12.54	62.4	14.82
	21	31.2	5.8	37.9	7.35	44.6	9.1	48	10.06	50.9	10.98	56.6	13.03	62.4	15.4
	23	31.2	6.21	37.9	7.9	44.6	9.79	48	10.84	50.9	11.84	56.6	14.07	61.9	15.93
	25	31.2	6.66	37.9	8.5	44.6	10.56	48	11.69	50.9	12.78	56.6	15.19	59.5	15.53
	27	31.2	7.17	37.9	9.16	44.6	11.4	48	12.63	50.9	13.8	56	15.59	57.1	15.14
	29	31.2	7.72	37.9	9.88	44.6	12.3	48	13.64	50.9	14.91	53.6	15.19	54.7	14.74
	31	31.2	8.32	37.9	10.66	44.6	13.29	48	14.73	50	15.3	51.2	14.8	52.3	14.35
	33	31.2	8.98	37.9	11.52	44.6	14.35	47.1	15.11	47.6	14.9	48.8	14.4	49.9	13.96
	35	31.2	9.7	37.9	12.44	44	14.72	44.7	14.71	45.2	14.51	46.4	14.01	47.5	13.56
	37	31.2	10.48	37.9	13.43	41.6	14.32	42.3	14.32	42.8	14.11	44	13.61	45.1	13.17
	39	31.2	11.31	37.2	13.76	39.2	13.93	39.9	13.92	40.4	13.72	41.6	13.22	42.7	12.77
	43	29.1	11.82	32.4	12.97	34.4	13.14	35.1	13.13	35.6	12.93	36.8	12.43	37.9	11.98
	46	25.5	11.23	28.8	12.38	30.8	12.55	31.5	12.54	32	12.33	33.2	11.84	34.3	11.39
	48	23.1	10.83	26.4	11.98	28.4	12.15	29.1	12.15	29.6	11.94	30.8	11.44	31.9	10.99
	50	20.7	10.44	24	11.59	26	11.76	26.7	11.75	27.2	11.54	28.4	11.05	29.5	10.6
110	10	28.6	3.77	34.8	4.66	40.9	5.63	44	6.15	46.6	6.66	51.9	7.77	57.2	9.07
	12	28.6	3.95	34.8	4.91	40.9	5.96	44	6.53	46.6	7.08	51.9	8.29	57.2	9.71
	14	28.6	4.16	34.8	5.19	40.9	6.33	44	6.95	46.6	7.55	51.9	8.87	57.2	10.41
	16	28.6	4.4	34.8	5.51	40.9	6.75	44	7.43	46.6	8.08	51.9	9.52	57.2	11.19
	18	28.6	4.66	34.8	5.87	40.9	7.22	44	7.95	46.6	8.66	51.9	10.23	57.2	12.05
	20	28.6	4.96	34.8	6.27	40.9	7.74	44	8.54	46.6	9.31	51.9	11.02	57.2	13
	21	28.6	5.12	34.8	6.49	40.9	8.02	44	8.86	46.6	9.66	51.9	11.44	57.2	13.5
	23	28.6	5.48	34.8	6.96	40.9	8.63	44	9.53	46.6	10.41	51.9	12.34	57.2	14.57
	25	28.6	5.87	34.8	7.48	40.9	9.29	44	10.28	46.6	11.23	51.9	13.32	57.2	15.74
	27	28.6	6.31	34.8	8.06	40.9	10.02	44	11.09	46.6	12.12	51.9	14.39	56.1	15.81
	29	28.6	6.79	34.8	8.69	40.9	10.81	44	11.97	46.6	13.09	51.9	15.54	53.7	15.41
	31	28.6	7.31	34.8	9.37	40.9	11.68	44	12.93	46.6	14.13	50.2	15.14	51.3	15.02
	33	28.6	7.89	34.8	10.12	40.9	12.61	44	13.96	46.6	15.26	47.8	14.75	48.9	14.62
	35	28.6	8.52	34.8	10.93	40.9	13.62	43.9	14.31	44.4	14.87	45.4	14.35	46.5	14.23
	37	28.6	9.2	34.8	11.8	40.8	13.95	41.5	13.92	42	14.47	43	13.96	44.1	13.83
	39	28.6	9.94	34.8	12.74	38.4	13.56	39.1	13.52	39.6	14.08	40.6	13.56	41.7	13.44
	43	27.8	10.95	30.8	11.95	33.6	12.77	34.3	12.74	34.8	13.29	35.8	12.77	36.9	12.65
	46	24.2	10.36	27.2	11.36	30	12.18	30.7	12.14	31.2	12.7	32.2	12.18	33.3	12.06
	48	21.8	9.96	24.8	10.97	27.6	11.78	28.3	11.75	28.8	12.3	29.8	11.79	30.9	11.66
	50	19.4	9.57	22.4	10.57	25.2	11.39	25.9	11.35	26.4	11.91	27.4	11.39	28.5	11.27

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM140AXVDGH/EU

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)	Indoor Temperature (°C, WB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	10	26	3.35	31.6	4.14	37.2	5	40	5.46	42.4	5.91	47.2	6.88	52	8
	12	26	3.5	31.6	4.35	37.2	5.28	40	5.78	42.4	6.26	47.2	7.32	52	8.54
	14	26	3.68	31.6	4.59	37.2	5.59	40	6.13	42.4	6.66	47.2	7.81	52	9.14
	16	26	3.88	31.6	4.86	37.2	5.95	40	6.54	42.4	7.11	47.2	8.36	52	9.8
	18	26	4.11	31.6	5.17	37.2	6.34	40	6.99	42.4	7.6	47.2	8.96	52	10.54
	20	26	4.36	31.6	5.51	37.2	6.79	40	7.49	42.4	8.16	47.2	9.64	52	11.35
	21	26	4.5	31.6	5.7	37.2	7.03	40	7.76	42.4	8.46	47.2	10	52	11.78
	23	26	4.81	31.6	6.1	37.2	7.55	40	8.34	42.4	9.1	47.2	10.77	52	12.71
	25	26	5.14	31.6	6.55	37.2	8.12	40	8.98	42.4	9.8	47.2	11.62	52	13.72
	27	26	5.52	31.6	7.05	37.2	8.75	40	9.68	42.4	10.58	47.2	12.54	52	14.81
	29	26	5.94	31.6	7.59	37.2	9.43	40	10.45	42.4	11.42	47.2	13.55	52	16
	31	26	6.39	31.6	8.18	37.2	10.18	40	11.28	42.4	12.33	47.2	14.63	50.3	15.6
	33	26	6.89	31.6	8.83	37.2	11	40	12.19	42.4	13.31	46.9	15.01	47.9	15.21
	35	26	7.44	31.6	9.54	37.2	11.88	40	13.16	42.4	14.38	44.5	14.61	45.5	14.82
	37	26	8.04	31.6	10.3	37.2	12.83	40	14.21	41.1	13.99	42.1	14.22	43.1	14.42
	39	26	8.68	31.6	11.13	36.9	13.13	38.3	13.92	38.7	13.59	39.7	13.82	40.7	14.03
	43	26	10.12	29.3	11.62	32.1	12.34	33.5	13.13	33.9	12.8	34.9	13.03	35.9	13.24
46	22.9	9.53	25.7	11.02	28.5	11.75	29.9	12.54	30.3	12.21	31.3	12.44	32.3	12.64	
48	20.5	9.13	23.3	10.63	26.1	11.35	27.5	12.14	27.9	11.81	28.9	12.05	29.9	12.25	
50	18.1	8.74	20.9	10.23	23.7	10.96	25.1	11.75	25.5	11.42	26.5	11.65	27.5	11.85	
90	10	23.4	2.9	28.4	3.58	33.5	4.33	36	4.73	38.2	5.11	42.5	5.95	46.8	6.9
	12	23.4	3.02	28.4	3.76	33.5	4.56	36	4.99	38.2	5.4	42.5	6.31	46.8	7.34
	14	23.4	3.17	28.4	3.96	33.5	4.82	36	5.28	38.2	5.73	42.5	6.71	46.8	7.83
	16	23.4	3.34	28.4	4.18	33.5	5.11	36	5.61	38.2	6.09	42.5	7.16	46.8	8.37
	18	23.4	3.52	28.4	4.43	33.5	5.44	36	5.98	38.2	6.51	42.5	7.66	46.8	8.98
	20	23.4	3.74	28.4	4.72	33.5	5.8	36	6.4	38.2	6.97	42.5	8.22	46.8	9.66
	21	23.4	3.85	28.4	4.87	33.5	6	36	6.62	38.2	7.21	42.5	8.52	46.8	10.02
	23	23.4	4.11	28.4	5.21	33.5	6.44	36	7.1	38.2	7.75	42.5	9.17	46.8	10.79
	25	23.4	4.39	28.4	5.58	33.5	6.91	36	7.64	38.2	8.34	42.5	9.88	46.8	11.64
	27	23.4	4.7	28.4	6	33.5	7.44	36	8.23	38.2	8.99	42.5	10.65	46.8	12.57
	29	23.4	5.05	28.4	6.45	33.5	8.02	36	8.87	38.2	9.7	42.5	11.5	46.8	13.57
	31	23.4	5.44	28.4	6.95	33.5	8.65	36	9.58	38.2	10.47	42.5	12.42	46.8	14.66
	33	23.4	5.86	28.4	7.5	33.5	9.34	36	10.34	38.2	11.3	42.5	13.42	46.8	15.83
	35	23.4	6.32	28.4	8.1	33.5	10.09	36	11.17	38.2	12.21	42.5	14.49	44.4	15.44
	37	23.4	6.82	28.4	8.75	33.5	10.9	36	12.06	38.2	13.18	41.2	14.1	42	15.04
	39	23.4	7.37	28.4	9.45	33.5	11.77	36	13.02	37.3	13.5	38.8	13.7	39.6	14.65
	43	23.4	8.6	27.7	10.4	30.2	11.63	31.5	12.23	32.5	12.71	34	12.91	34.8	13.86
46	21.6	8.54	24.1	9.81	26.6	11.04	27.9	11.64	28.9	12.12	30.4	12.32	31.2	13.26	
48	19.2	8.14	21.7	9.42	24.2	10.65	25.5	11.25	26.5	11.72	28	11.92	28.8	12.87	
50	16.8	7.75	19.3	9.02	21.8	10.25	23.1	10.85	24.1	11.33	25.6	11.53	26.4	12.47	
80	10	20.8	2.48	25.3	3.08	29.8	3.73	32	4.07	33.9	4.4	37.8	5.12	41.6	5.93
	12	20.8	2.59	25.3	3.22	29.8	3.91	32	4.28	33.9	4.63	37.8	5.4	41.6	6.28
	14	20.8	2.7	25.3	3.38	29.8	4.12	32	4.51	33.9	4.9	37.8	5.73	41.6	6.67
	16	20.8	2.84	25.3	3.56	29.8	4.36	32	4.78	33.9	5.2	37.8	6.09	41.6	7.12
	18	20.8	2.99	25.3	3.77	29.8	4.63	32	5.08	33.9	5.53	37.8	6.5	41.6	7.61
	20	20.8	3.17	25.3	4	29.8	4.93	32	5.42	33.9	5.91	37.8	6.96	41.6	8.16
	21	20.8	3.26	25.3	4.13	29.8	5.09	32	5.61	33.9	6.11	37.8	7.21	41.6	8.46
	23	20.8	3.47	25.3	4.41	29.8	5.45	32	6.01	33.9	6.55	37.8	7.74	41.6	9.1
	25	20.8	3.7	25.3	4.71	29.8	5.84	32	6.45	33.9	7.04	37.8	8.33	41.6	9.81
	27	20.8	3.97	25.3	5.06	29.8	6.28	32	6.94	33.9	7.57	37.8	8.97	41.6	10.58
	29	20.8	4.25	25.3	5.44	29.8	6.76	32	7.48	33.9	8.16	37.8	9.68	41.6	11.42
	31	20.8	4.57	25.3	5.85	29.8	7.29	32	8.06	33.9	8.81	37.8	10.45	41.6	12.33
	33	20.8	4.92	25.3	6.31	29.8	7.86	32	8.7	33.9	9.51	37.8	11.29	41.6	13.31
	35	20.8	5.31	25.3	6.81	29.8	8.49	32	9.4	33.9	10.27	37.8	12.19	41.6	14.38
	37	20.8	5.73	25.3	7.35	29.8	9.17	32	10.15	33.9	11.09	37.8	13.16	41	14.74
	39	20.8	6.19	25.3	7.94	29.8	9.9	32	10.96	33.9	11.98	37.1	13.48	38.6	14.35
	43	20.8	7.22	25.3	9.26	28.3	10.3	29.5	10.8	30.4	11.85	32.3	12.69	33.8	13.56
46	20.3	7.6	22.5	8.67	24.7	9.71	25.9	10.21	26.8	11.26	28.7	12.1	30.2	12.97	
48	17.9	7.2	20.1	8.27	22.3	9.31	23.5	9.81	24.4	10.86	26.3	11.7	27.8	12.57	
50	15.5	6.81	17.7	7.88	19.9	8.92	21.1	9.42	22	10.47	23.9	11.31	25.4	12.18	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM140AXVDGH/EU

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)	Indoor Temperature (°C, WB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	
70	10	18.2	2.1	22.1	2.62	26	3.17	28	3.47	29.7	3.75	33	4.35	36.4	5.04
	12	18.2	2.18	22.1	2.73	26	3.32	28	3.63	29.7	3.93	33	4.58	36.4	5.32
	14	18.2	2.28	22.1	2.86	26	3.49	28	3.82	29.7	4.14	33	4.84	36.4	5.63
	16	18.2	2.39	22.1	3.01	26	3.68	28	4.04	29.7	4.38	33	5.13	36.4	5.99
	18	18.2	2.51	22.1	3.17	26	3.89	28	4.28	29.7	4.65	33	5.46	36.4	6.39
	20	18.2	2.65	22.1	3.36	26	4.13	28	4.55	29.7	4.95	33	5.83	36.4	6.83
	21	18.2	2.73	22.1	3.46	26	4.27	28	4.7	29.7	5.12	33	6.03	36.4	7.07
	23	18.2	2.9	22.1	3.69	26	4.55	28	5.03	29.7	5.47	33	6.46	36.4	7.59
	25	18.2	3.09	22.1	3.94	26	4.87	28	5.39	29.7	5.87	33	6.94	36.4	8.16
	27	18.2	3.3	22.1	4.22	26	5.23	28	5.78	29.7	6.31	33	7.47	36.4	8.79
	29	18.2	3.54	22.1	4.53	26	5.63	28	6.22	29.7	6.79	33	8.05	36.4	9.48
	31	18.2	3.8	22.1	4.87	26	6.06	28	6.71	29.7	7.32	33	8.68	36.4	10.24
	33	18.2	4.09	22.1	5.25	26	6.53	28	7.23	29.7	7.9	33	9.37	36.4	11.05
	35	18.2	4.41	22.1	5.66	26	7.05	28	7.81	29.7	8.53	33	10.12	36.4	11.94
	37	18.2	4.76	22.1	6.11	26	7.61	28	8.44	29.7	9.21	33	10.93	36.4	12.89
	39	18.2	5.14	22.1	6.6	26	8.22	28	9.11	29.7	9.95	33	11.8	36.4	13.92
	43	18.2	5.99	22.1	7.7	26	9.59	27.5	10.02	28.3	10.35	30	11.67	31.7	13.13
	46	18.2	6.72	20.9	7.6	22.9	8.99	23.9	9.43	24.7	9.76	26.4	11.08	28.1	12.54
48	16.6	6.33	18.5	7.21	20.5	8.6	21.5	9.04	22.3	9.36	24	10.68	25.7	12.14	
50	14.2	5.94	16.1	6.81	18.1	8.21	19.1	8.64	19.9	8.97	21.6	10.29	23.3	11.75	
60	10	15.6	1.75	19	2.19	22.3	2.65	24	2.9	25.4	3.15	28.3	3.66	31.2	4.24
	12	15.6	1.82	19	2.28	22.3	2.77	24	3.03	25.4	3.29	28.3	3.84	31.2	4.45
	14	15.6	1.89	19	2.38	22.3	2.9	24	3.18	25.4	3.45	28.3	4.04	31.2	4.7
	16	15.6	1.98	19	2.49	22.3	3.05	24	3.35	25.4	3.64	28.3	4.27	31.2	4.97
	18	15.6	2.08	19	2.62	22.3	3.22	24	3.54	25.4	3.85	28.3	4.52	31.2	5.28
	20	15.6	2.19	19	2.77	22.3	3.41	24	3.76	25.4	4.09	28.3	4.81	31.2	5.63
	21	15.6	2.25	19	2.86	22.3	3.51	24	3.87	25.4	4.22	28.3	4.97	31.2	5.82
	23	15.6	2.39	19	3.03	22.3	3.74	24	4.13	25.4	4.5	28.3	5.31	31.2	6.23
	25	15.6	2.54	19	3.23	22.3	4	24	4.42	25.4	4.82	28.3	5.69	31.2	6.69
	27	15.6	2.71	19	3.46	22.3	4.28	24	4.74	25.4	5.17	28.3	6.12	31.2	7.19
	29	15.6	2.9	19	3.71	22.3	4.6	24	5.09	25.4	5.56	28.3	6.58	31.2	7.75
	31	15.6	3.11	19	3.98	22.3	4.95	24	5.48	25.4	5.98	28.3	7.09	31.2	8.36
	33	15.6	3.34	19	4.29	22.3	5.33	24	5.9	25.4	6.45	28.3	7.65	31.2	9.02
	35	15.6	3.6	19	4.62	22.3	5.75	24	6.37	25.4	6.96	28.3	8.26	31.2	9.74
	37	15.6	3.88	19	4.99	22.3	6.21	24	6.88	25.4	7.52	28.3	8.92	31.2	10.52
	39	15.6	4.19	19	5.38	22.3	6.71	24	7.43	25.4	8.12	28.3	9.64	31.2	11.36
	43	15.6	4.89	19	6.28	22.3	7.82	24	8.66	25.4	9.47	27.6	10.61	29.1	11.87
	46	15.6	5.49	19	7.05	21	7.73	21.9	8.61	22.6	8.87	24	10.02	25.5	11.28
48	15.3	5.5	16.9	6.65	18.6	7.34	19.5	8.21	20.2	8.48	21.6	9.63	23.1	10.88	
50	12.9	5.11	14.5	6.26	16.2	6.94	17.1	7.82	17.8	8.08	19.2	9.23	20.7	10.49	
50	10	13	1.42	15.8	1.78	18.6	2.17	20	2.38	21.2	2.57	23.6	3	26	3.48
	12	13	1.47	15.8	1.85	18.6	2.26	20	2.48	21.2	2.68	23.6	3.13	26	3.64
	14	13	1.53	15.8	1.93	18.6	2.36	20	2.59	21.2	2.81	23.6	3.29	26	3.83
	16	13	1.6	15.8	2.02	18.6	2.47	20	2.72	21.2	2.95	23.6	3.46	26	4.04
	18	13	1.67	15.8	2.12	18.6	2.6	20	2.86	21.2	3.11	23.6	3.65	26	4.27
	20	13	1.76	15.8	2.23	18.6	2.75	20	3.03	21.2	3.29	23.6	3.87	26	4.54
	21	13	1.81	15.8	2.29	18.6	2.83	20	3.12	21.2	3.39	23.6	4	26	4.68
	23	13	1.91	15.8	2.43	18.6	3.01	20	3.31	21.2	3.61	23.6	4.26	26	5
	25	13	2.03	15.8	2.59	18.6	3.2	20	3.54	21.2	3.85	23.6	4.55	26	5.35
	27	13	2.16	15.8	2.76	18.6	3.42	20	3.78	21.2	4.13	23.6	4.88	26	5.74
	29	13	2.31	15.8	2.95	18.6	3.67	20	4.06	21.2	4.43	23.6	5.24	26	6.18
	31	13	2.48	15.8	3.17	18.6	3.94	20	4.36	21.2	4.76	23.6	5.64	26	6.65
	33	13	2.66	15.8	3.41	18.6	4.24	20	4.69	21.2	5.13	23.6	6.08	26	7.17
	35	13	2.86	15.8	3.67	18.6	4.57	20	5.06	21.2	5.53	23.6	6.56	26	7.74
	37	13	3.08	15.8	3.96	18.6	4.93	20	5.46	21.2	5.97	23.6	7.08	26	8.36
	39	13	3.33	15.8	4.27	18.6	5.33	20	5.9	21.2	6.45	23.6	7.65	26	9.03
	43	13	3.88	15.8	4.98	18.6	6.21	20	6.88	21.2	7.52	23.6	8.92	26	10.53
	46	13	4.36	15.8	5.59	18.6	6.97	19.9	7.23	20.5	7.92	21.7	8.88	22.9	9.93
48	13	4.7	15.4	5.61	16.8	6.58	17.5	6.84	18.1	7.53	19.3	8.48	20.5	9.54	
50	11.6	4.31	13	5.22	14.4	6.18	15.1	6.44	15.7	7.13	16.9	8.09	18.1	9.14	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM140AXVDGH/EU

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)		Indoor Temperature (°C, DB)									
	DB	WB	16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	-25	-25.1	31.2	12.24	30.4	13.16	29.5	13.95	28.6	14.74	27.7	15.27
	-22	-22.2	36	13.42	35.2	14.35	34.4	15.14	33.4	15.93	31.1	16.19
	-20	-20.2	39.3	14.21	38.5	15.14	37.6	15.93	35	16.19	32.7	16.45
	-17	-17.3	44.1	15.4	42.2	16.06	40	16.32	37.5	16.59	35.2	16.85
	-15	-15.3	46.2	15.93	43.8	16.32	41.6	16.59	39.1	16.85	36.8	17.11
	-12	-12.4	48.7	16.32	46.3	16.72	44.1	16.98	41.5	17.24	39.2	17.51
	-10	-10.5	50.3	16.59	47.9	16.98	45.7	17.24	43.1	17.51	40.8	17.77
	-7	-7.6	52.7	16.98	50.3	17.38	48.1	17.64	45.6	17.9	43.3	18.17
	-5	-5.6	54.3	17.24	51.9	17.64	49.7	17.9	47.2	18.17	44.9	18.43
	-3	-3.7	56	17.51	53.5	17.9	51.3	18.17	48.8	18.43	46.5	18.69
	0	-0.7	58.4	17.9	56	18.3	53.8	18.56	51.2	18.83	48.2	19.09
	3	2.2	60.8	18.3	58.4	18.69	56.2	18.96	52.7	19.09	48.9	19.09
	5	4.1	62.4	18.56	60	18.96	57.2	19.09	53.1	19.09	49.1	18.18
	7	6	64.1	18.83	61	19.09	57.6	19.09	53.6	19.09	49.1	16.97
	9	7.9	64.9	19.09	61.5	19.09	58.1	19.09	53.8	17.9	49.1	15.91
11	9.8	65.3	19.09	61.9	19.09	58.5	18.73	53.8	16.8	49.1	14.98	
13	11.8	65.8	19.09	62.4	19.09	58.5	17.6	53.8	15.83	49.1	14.15	
15	13.7	66.2	19.09	62.6	18.17	58.5	16.6	53.8	14.97	49.1	13.42	
120	-25	-25.1	30.2	13.16	29.4	13.69	28.6	14.48	27.8	15.27	26.9	16.06
	-22	-22.2	35	14.35	34.3	14.87	33.5	15.66	31.7	16.19	29.3	16.45
	-20	-20.2	38.3	15.14	37.5	15.66	35.6	16.19	33.3	16.45	31	16.72
	-17	-17.3	42	16.06	40	16.32	38	16.59	35.7	16.85	33.4	17.11
	-15	-15.3	43.7	16.32	41.7	16.59	39.6	16.85	37.3	17.11	35	17.38
	-12	-12.4	46.1	16.72	44.1	16.98	42.1	17.24	39.8	17.51	37.4	17.77
	-10	-10.5	47.7	16.98	45.7	17.24	43.7	17.51	41.4	17.77	39.1	18.04
	-7	-7.6	50.1	17.38	48.1	17.64	46.1	17.9	43.8	18.17	41.5	18.43
	-5	-5.6	51.8	17.64	49.8	17.9	47.7	18.17	45.4	18.43	43.1	18.69
	-3	-3.7	53.4	17.9	51.4	18.17	49.4	18.43	47	18.69	44.7	18.96
	0	-0.7	55.8	18.3	53.8	18.56	51.8	18.83	49	19.09	45.4	18.54
	3	2.2	58.2	18.69	56.2	18.96	53.3	19.09	49.7	18.78	45.4	16.6
	5	4.1	59.9	18.96	56.9	19.09	53.8	19.09	49.7	17.47	45.4	15.47
	7	6	60.4	19.09	57.3	19.09	54	18.25	49.7	16.3	45.4	14.46
	9	7.9	60.9	19.09	57.8	18.8	54	17.08	49.7	15.28	45.4	13.58
11	9.8	61.3	19.09	57.8	17.61	54	16.03	49.7	14.38	45.4	12.81	
13	11.8	61.6	18.11	57.8	16.55	54	15.1	49.7	13.57	45.4	12.12	
15	13.7	61.6	17.06	57.8	15.62	54	14.28	49.7	12.87	45.4	11.52	
110	-25	-25.1	29.1	14.08	28.4	14.48	27.7	15.27	27	15.8	25.1	15.53
	-22	-22.2	34	15.27	33.3	15.66	31.8	16.19	29.7	16.45	27.6	15.93
	-20	-20.2	37	16.06	35.4	16.19	33.4	16.45	31.3	16.72	29.2	16.19
	-17	-17.3	39.5	16.45	37.9	16.59	35.8	16.85	33.7	17.11	31.6	16.59
	-15	-15.3	41.1	16.72	39.5	16.85	37.4	17.11	35.3	17.38	33.2	16.85
	-12	-12.4	43.5	17.11	41.9	17.24	39.9	17.51	37.8	17.77	35.7	17.25
	-10	-10.5	45.1	17.38	43.5	17.51	41.5	17.77	39.4	18.04	37.3	17.51
	-7	-7.6	47.6	17.77	46	17.9	43.9	18.17	41.8	18.43	39.7	17.91
	-5	-5.6	49.2	18.04	47.6	18.17	45.5	18.43	43.4	18.69	41.3	18.17
	-3	-3.7	50.8	18.3	49.2	18.43	47.2	18.69	45.1	18.96	41.6	17.6
	0	-0.7	53.2	18.69	51.6	18.83	49.1	19.09	45.5	17.79	41.6	15.71
	3	2.2	55.5	19.09	52.7	19.09	49.5	17.89	45.5	15.92	41.6	14.09
	5	4.1	56	19.09	53	18.39	49.5	16.65	45.5	14.84	41.6	13.15
	7	6	56.4	18.84	53	17.13	49.5	15.53	45.5	13.87	41.6	12.31
	9	7.9	56.4	17.6	53	16.03	49.5	14.56	45.5	13.03	41.6	11.59
11	9.8	56.4	16.5	53	15.06	49.5	13.7	45.5	12.29	41.6	10.94	
13	11.8	56.4	15.53	53	14.19	49.5	12.93	45.5	11.63	41.6	10.38	
15	13.7	56.4	14.66	53	13.43	49.5	12.26	45.5	11.05	41.6	9.89	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM140AXVDGH/EU

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)		Indoor Temperature (°C, DB)									
	DB	WB	16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	-25	-25.1	28.1	14.87	27.5	15.4	26.8	15.21	25	14.71	22.9	14.13
	-22	-22.2	32.8	16.06	31.2	16.32	29.6	15.61	27.4	15.1	25.3	14.53
	-20	-20.2	34.5	16.32	32.8	16.59	31.2	15.87	29.1	15.36	26.9	14.79
	-17	-17.3	36.9	16.72	35.3	16.98	33.6	16.27	31.5	15.76	29.4	15.19
	-15	-15.3	38.5	16.98	36.9	17.24	35.2	16.53	33.1	16.02	31	15.45
	-12	-12.4	40.9	17.38	39.3	17.64	37.7	16.93	35.5	16.42	33.4	15.85
	-10	-10.5	42.6	17.64	40.9	17.9	39.3	17.19	37.2	16.68	35	16.11
	-7	-7.6	45	18.04	43.4	18.3	41.7	17.58	39.6	17.08	37.5	16.5
	-5	-5.6	46.6	18.3	45	18.56	43.3	17.85	41.2	17.34	37.8	16
	-3	-3.7	48.2	18.56	46.6	18.83	45	18.11	41.4	16.81	37.8	14.81
	0	-0.7	50.7	18.96	48.2	18.71	45	16.9	41.4	15	37.8	13.24
	3	2.2	51.3	18.43	48.2	16.73	45	15.13	41.4	13.46	37.8	11.9
	5	4.1	51.3	17.14	48.2	15.57	45	14.1	41.4	12.57	37.8	11.13
	7	6	51.3	15.98	48.2	14.54	45	13.18	41.4	11.77	37.8	10.44
	9	7.9	51.3	14.97	48.2	13.64	45	12.38	41.4	11.08	37.8	9.85
11	9.8	51.3	14.07	48.2	12.84	45	11.67	41.4	10.47	37.8	9.32	
13	11.8	51.3	13.28	48.2	12.14	45	11.05	41.4	9.94	37.8	8.87	
15	13.7	51.3	12.58	48.2	11.51	45	10.5	41.4	9.47	37.8	8.47	
90	-25	-25.1	27.1	15.8	26	14.87	24.5	14.95	22.6	13.71	20.7	13.21
	-22	-22.2	30	16.45	28.6	15.53	26.9	15.35	25	14.1	23.1	13.61
	-20	-20.2	31.7	16.72	30.2	15.79	28.5	15.61	26.6	14.36	24.7	13.87
	-17	-17.3	34.1	17.11	32.6	16.19	31	16.01	29.1	14.76	27.1	14.27
	-15	-15.3	35.7	17.38	34.3	16.45	32.6	16.27	30.7	15.02	28.8	14.53
	-12	-12.4	38.1	17.77	36.7	16.85	35	16.67	33.1	15.42	31.2	14.93
	-10	-10.5	39.8	18.04	38.3	17.11	36.6	16.93	34.7	15.68	32.8	15.19
	-7	-7.6	42.2	18.43	40.7	17.51	39.1	17.33	37.2	16.08	34	14.85
	-5	-5.6	43.8	18.69	42.4	17.77	40.5	17.59	37.3	15.59	34	13.74
	-3	-3.7	45.4	18.96	43.3	18.04	40.5	16.27	37.3	14.43	34	12.73
	0	-0.7	46.2	17.75	43.3	16.08	40.5	14.53	37.3	12.91	34	11.4
	3	2.2	46.2	15.89	43.3	14.42	40.5	13.04	37.3	11.61	34	10.27
	5	4.1	46.2	14.8	43.3	13.45	40.5	12.18	37.3	10.86	34	9.62
	7	6	46.2	13.83	43.3	12.58	40.5	11.41	37.3	10.19	34	9.04
	9	7.9	46.2	12.99	43.3	11.83	40.5	10.75	37.3	9.62	34	8.54
11	9.8	46.2	12.24	43.3	11.17	40.5	10.16	37.3	9.11	34	8.11	
13	11.8	46.2	11.58	43.3	10.58	40.5	9.64	37.3	8.66	34	7.72	
15	13.7	46.2	11	43.3	10.07	40.5	9.19	37.3	8.28	34	7.39	
80	-25	-25.1	24.8	14.81	23.3	14.69	21.8	13.75	20.1	12.64	18.4	12.21
	-22	-22.2	27.2	15.21	25.7	15.08	24.3	14.15	22.6	13.03	20.9	12.6
	-20	-20.2	28.9	15.47	27.4	15.35	25.9	14.41	24.2	13.3	22.5	12.87
	-17	-17.3	31.3	15.86	29.8	15.74	28.3	14.81	26.6	13.69	24.9	13.26
	-15	-15.3	32.9	16.13	31.4	16.01	29.9	15.07	28.2	13.95	26.5	13.53
	-12	-12.4	35.3	16.52	33.8	16.4	32.4	15.46	30.7	14.35	29	13.92
	-10	-10.5	37	16.79	35.5	16.66	34	15.73	32.3	14.61	30.2	14.19
	-7	-7.6	39.4	17.18	37.9	17.06	36	16.12	33.1	14.3	30.2	12.6
	-5	-5.6	41	17.45	38.5	16.53	36	14.91	33.1	13.23	30.2	11.66
	-3	-3.7	41	16.91	38.5	15.3	36	13.8	33.1	12.26	30.2	10.82
	0	-0.7	41	15.09	38.5	13.67	36	12.35	33.1	10.98	30.2	9.7
	3	2.2	41	13.54	38.5	12.29	36	11.11	33.1	9.9	30.2	8.76
	5	4.1	41	12.64	38.5	11.49	36	10.4	33.1	9.28	30.2	8.22
	7	6	41	11.84	38.5	10.77	36	9.76	33.1	8.72	30.2	7.74
	9	7.9	41	11.15	38.5	10.15	36	9.21	33.1	8.24	30.2	7.33
11	9.8	41	10.53	38.5	9.61	36	8.73	33.1	7.83	30.2	6.97	
13	11.8	41	10	38.5	9.14	36	8.31	33.1	7.46	30.2	6.65	
15	13.7	41	9.52	38.5	8.72	36	7.94	33.1	7.14	30.2	6.38	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM140AXVDGH/EU

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)		Indoor Temperature (°C, DB)									
	DB	WB	16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	-25	-25.1	21.8	14.13	20.5	13.27	19.2	12.43	17.7	12.13	16.2	11.08
	-22	-22.2	24.2	14.53	22.9	13.66	21.6	12.83	20.1	12.53	18.6	11.47
	-20	-20.2	25.8	14.79	24.5	13.93	23.2	13.09	21.7	12.79	20.3	11.74
	-17	-17.3	28.3	15.19	27	14.32	25.7	13.49	24.2	13.19	22.7	12.13
	-15	-15.3	29.9	15.45	28.6	14.59	27.3	13.75	25.8	13.45	24.3	12.4
	-12	-12.4	32.3	15.84	31	14.98	29.7	14.15	28.2	13.85	26.5	12.79
	-10	-10.5	33.9	16.11	32.6	15.24	31.3	14.41	29	13.43	26.5	11.81
	-7	-7.6	35.9	16.5	33.7	14.91	31.5	13.44	29	11.93	26.5	10.5
	-5	-5.6	35.9	15.26	33.7	13.79	31.5	12.44	29	11.05	26.5	9.73
	-3	-3.7	35.9	14.13	33.7	12.78	31.5	11.53	29	10.25	26.5	9.04
	0	-0.7	35.9	12.64	33.7	11.45	31.5	10.34	29	9.21	26.5	8.13
	3	2.2	35.9	11.37	33.7	10.32	31.5	9.34	29	8.32	26.5	7.36
	5	4.1	35.9	10.64	33.7	9.67	31.5	8.76	29	7.81	26.5	6.92
	7	6	35.9	9.99	33.7	9.09	31.5	8.24	29	7.36	26.5	6.53
	9	7.9	35.9	9.43	33.7	8.59	31.5	7.8	29	6.97	26.5	6.2
11	9.8	35.9	8.94	33.7	8.16	31.5	7.41	29	6.64	26.5	5.91	
13	11.8	35.9	8.5	33.7	7.77	31.5	7.07	29	6.34	26.5	5.65	
15	13.7	35.9	8.13	33.7	7.44	31.5	6.78	29	6.08	26.5	5.43	
60	-25	-25.1	18.8	13.18	17.6	12.44	16.5	11.68	15.2	10.78	14	9.87
	-22	-22.2	21.2	13.58	20.1	12.83	19	12.07	17.7	11.17	16.4	10.27
	-20	-20.2	22.8	13.84	21.7	13.1	20.6	12.34	19.3	11.44	18	10.53
	-17	-17.3	25.2	14.23	24.1	13.49	23	12.73	21.7	11.83	20.5	10.93
	-15	-15.3	26.9	14.5	25.7	13.76	24.6	13	23.3	12.1	22.1	11.19
	-12	-12.4	29.3	14.89	28.2	14.15	27	13.39	24.8	11.87	22.7	10.45
	-10	-10.5	30.8	15.16	28.9	13.72	27	12.36	24.8	10.96	22.7	9.65
	-7	-7.6	30.8	13.46	28.9	12.19	27	10.99	24.8	9.75	22.7	8.59
	-5	-5.6	30.8	12.46	28.9	11.29	27	10.18	24.8	9.04	22.7	7.97
	-3	-3.7	30.8	11.56	28.9	10.47	27	9.45	24.8	8.4	22.7	7.41
	0	-0.7	30.8	10.37	28.9	9.41	27	8.5	24.8	7.56	22.7	6.68
	3	2.2	30.8	9.36	28.9	8.5	27	7.69	24.8	6.85	22.7	6.06
	5	4.1	30.8	8.78	28.9	7.98	27	7.23	24.8	6.45	22.7	5.71
	7	6	30.8	8.27	28.9	7.52	27	6.82	24.8	6.09	22.7	5.4
	9	7.9	30.8	7.83	28.9	7.13	27	6.47	24.8	5.79	22.7	5.14
11	9.8	30.8	7.45	28.9	6.78	27	6.17	24.8	5.52	22.7	4.91	
13	11.8	30.8	7.11	28.9	6.48	27	5.9	24.8	5.29	22.7	4.7	
15	13.7	30.8	6.82	28.9	6.22	27	5.67	24.8	5.08	22.7	4.53	
50	-25	-25.1	15.7	11.3	14.8	10.69	13.9	10.03	12.8	9.32	11.7	8.54
	-22	-22.2	18.2	11.7	17.2	11.08	16.3	10.43	15.2	9.71	14.2	8.94
	-20	-20.2	19.8	11.96	18.8	11.34	17.9	10.69	16.9	9.97	15.8	9.2
	-17	-17.3	22.2	12.35	21.3	11.74	20.3	11.08	19.3	10.37	18.2	9.6
	-15	-15.3	23.8	12.62	22.9	12	22	11.35	20.7	10.63	18.9	9.34
	-12	-12.4	25.7	13.01	24.1	11.78	22.5	10.59	20.7	9.42	18.9	8.28
	-10	-10.5	25.7	12.01	24.1	10.88	22.5	9.78	20.7	8.71	18.9	7.65
	-7	-7.6	25.7	10.68	24.1	9.68	22.5	8.71	20.7	7.76	18.9	6.83
	-5	-5.6	25.7	9.9	24.1	8.98	22.5	8.09	20.7	7.2	18.9	6.34
	-3	-3.7	25.7	9.2	24.1	8.34	22.5	7.52	20.7	6.7	18.9	5.91
	0	-0.7	25.7	8.28	24.1	7.52	22.5	6.78	20.7	6.05	18.9	5.34
	3	2.2	25.7	7.5	24.1	6.82	22.5	6.16	20.7	5.5	18.9	4.86
	5	4.1	25.7	7.06	24.1	6.41	22.5	5.8	20.7	5.19	18.9	4.59
	7	6	25.7	6.66	24.1	6.06	22.5	5.49	20.7	4.91	18.9	4.35
	9	7.9	25.7	6.32	24.1	5.76	22.5	5.22	20.7	4.68	18.9	4.15
11	9.8	25.7	6.03	24.1	5.5	22.5	4.99	20.7	4.47	18.9	3.97	
13	11.8	25.7	5.77	24.1	5.27	22.5	4.79	20.7	4.29	18.9	3.82	
15	13.7	25.7	5.55	24.1	5.07	22.5	4.61	20.7	4.14	18.9	3.68	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM160AXVDGH/EU

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)	Indoor Temperature (°C, WB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	10	38	5.34	46.2	6.57	54.4	7.92	58.5	8.65	62	9.34	69	10.89	76.1	12.69
	12	38	5.59	46.2	6.92	54.4	8.37	58.5	9.17	62	9.93	69	11.62	76.1	13.59
	14	38	5.88	46.2	7.31	54.4	8.89	58.5	9.76	62	10.59	69	12.43	76.1	14.58
	16	38	6.2	46.2	7.75	54.4	9.47	58.5	10.42	62	11.32	69	13.33	76.1	15.67
	18	38	6.57	46.2	8.25	54.4	10.12	58.5	11.15	62	12.14	69	14.33	76.1	16.88
	20	38	6.98	46.2	8.81	54.4	10.85	58.5	11.97	62	13.04	69	15.43	76.1	18.2
	21	38	7.21	46.2	9.11	54.4	11.24	58.5	12.4	62	13.53	69	16.02	76.1	18.91
	23	38	7.69	46.2	9.76	54.4	12.08	58.5	13.35	62	14.57	69	17.28	73.8	18.48
	25	38	8.24	46.2	10.49	54.4	13.01	58.5	14.39	62	15.71	69	18.65	71.1	18.05
	27	38	8.85	46.2	11.29	54.4	14.02	58.5	15.52	62	16.96	67	18.22	68.4	17.62
	29	38	9.51	46.2	12.16	54.4	15.13	58.5	16.76	62	18.32	64.3	17.79	65.7	17.19
	31	38	10.25	46.2	13.12	54.4	16.34	58.5	18.1	60.2	17.89	61.6	17.36	63	16.76
	33	38	11.05	46.2	14.17	54.4	17.65	56.8	17.67	57.5	17.46	58.9	16.93	60.3	16.33
	35	38	11.93	46.2	15.3	53.2	17.72	54.1	17.24	54.8	17.03	56.2	16.51	57.6	15.91
	37	38	12.89	46.2	16.53	50.5	17.29	51.4	16.81	52.1	16.6	53.5	16.08	54.9	15.48
	39	38	13.92	45.9	17.46	47.8	16.86	48.7	16.38	49.4	16.17	50.8	15.65	52.2	15.05
	43	37.1	15.4	40.8	16.6	42.4	16	43.3	15.53	44	15.31	45.4	14.79	46.8	14.19
46	33	14.76	36.8	15.96	38.4	15.36	39.2	14.88	39.9	14.67	41.3	14.15	42.7	13.55	
48	30.3	14.33	34.1	15.53	35.7	14.93	36.5	14.45	37.2	14.24	38.6	13.72	40	13.12	
50	27.6	13.9	31.4	15.1	33	14.5	33.8	14.03	34.5	13.81	35.9	13.29	37.3	12.69	
120	10	35.1	4.8	42.7	5.91	50.2	7.11	54	7.75	57.2	8.38	63.7	9.74	70.2	11.32
	12	35.1	5.01	42.7	6.2	50.2	7.5	54	8.2	57.2	8.88	63.7	10.36	70.2	12.08
	14	35.1	5.26	42.7	6.54	50.2	7.94	54	8.7	57.2	9.44	63.7	11.06	70.2	12.93
	16	35.1	5.54	42.7	6.92	50.2	8.44	54	9.27	57.2	10.07	63.7	11.84	70.2	13.88
	18	35.1	5.85	42.7	7.35	50.2	9	54	9.9	57.2	10.78	63.7	12.7	70.2	14.92
	20	35.1	6.21	42.7	7.83	50.2	9.63	54	10.61	57.2	11.56	63.7	13.65	70.2	16.07
	21	35.1	6.41	42.7	8.09	50.2	9.97	54	10.99	57.2	11.98	63.7	14.16	70.2	16.68
	23	35.1	6.83	42.7	8.66	50.2	10.7	54	11.81	57.2	12.89	63.7	15.26	70.2	18
	25	35.1	7.31	42.7	9.29	50.2	11.51	54	12.72	57.2	13.89	63.7	16.46	69.9	18.48
	27	35.1	7.84	42.7	9.99	50.2	12.4	54	13.71	57.2	14.98	63.7	17.77	67.2	18.06
	29	35.1	8.42	42.7	10.75	50.2	13.37	54	14.8	57.2	16.17	63.2	18.26	64.5	17.63
	31	35.1	9.06	42.7	11.59	50.2	14.43	54	15.98	57.2	17.46	60.5	17.83	61.8	17.2
	33	35.1	9.77	42.7	12.51	50.2	15.58	54	17.26	56.5	17.53	57.8	17.4	59.1	16.77
	35	35.1	10.54	42.7	13.51	50.2	16.83	53.2	17.33	53.8	17.11	55.1	16.97	56.4	16.34
	37	35.1	11.38	42.7	14.59	49.7	16.9	50.5	16.9	51.1	16.68	52.4	16.54	53.7	15.91
	39	35.1	12.29	42.7	15.76	47	16.47	47.8	16.47	48.4	16.25	49.7	16.11	51	15.48
	43	35.1	14.33	39.4	15.73	41.6	15.62	42.4	15.61	43	15.39	44.3	15.25	45.6	14.63
46	31.6	13.69	35.3	15.09	37.6	14.97	38.3	14.97	39	14.75	40.3	14.61	41.5	13.98	
48	28.9	13.26	32.6	14.66	34.9	14.54	35.6	14.54	36.3	14.32	37.6	14.18	38.8	13.55	
50	26.2	12.83	29.9	14.23	32.2	14.11	32.9	14.11	33.6	13.89	34.9	13.75	36.1	13.13	
110	10	32.2	4.28	39.1	5.29	46	6.36	49.5	6.93	52.5	7.49	58.4	8.7	64.4	10.07
	12	32.2	4.47	39.1	5.54	46	6.69	49.5	7.31	52.5	7.91	58.4	9.22	64.4	10.72
	14	32.2	4.68	39.1	5.83	46	7.07	49.5	7.74	52.5	8.39	58.4	9.81	64.4	11.44
	16	32.2	4.92	39.1	6.15	46	7.5	49.5	8.22	52.5	8.93	58.4	10.47	64.4	12.25
	18	32.2	5.19	39.1	6.52	46	7.97	49.5	8.77	52.5	9.53	58.4	11.21	64.4	13.15
	20	32.2	5.5	39.1	6.93	46	8.51	49.5	9.37	52.5	10.21	58.4	12.03	64.4	14.14
	21	32.2	5.66	39.1	7.15	46	8.8	49.5	9.7	52.5	10.57	58.4	12.47	64.4	14.67
	23	32.2	6.03	39.1	7.65	46	9.43	49.5	10.41	52.5	11.35	58.4	13.43	64.4	15.81
	25	32.2	6.44	39.1	8.19	46	10.13	49.5	11.2	52.5	12.22	58.4	14.47	64.4	17.06
	27	32.2	6.9	39.1	8.8	46	10.91	49.5	12.06	52.5	13.17	58.4	15.61	64.4	18.41
	29	32.2	7.4	39.1	9.46	46	11.75	49.5	13	52.5	14.21	58.4	16.85	63.3	18.48
	31	32.2	7.96	39.1	10.2	46	12.68	49.5	14.04	52.5	15.34	58.4	18.2	60.6	18.06
	33	32.2	8.58	39.1	11	46	13.69	49.5	15.16	52.5	16.56	56.7	18.27	57.9	17.63
	35	32.2	9.25	39.1	11.87	46	14.78	49.5	16.37	52.3	17.5	54	17.84	55.2	17.2
	37	32.2	9.99	39.1	12.82	46	15.96	49.2	17.3	50.2	17.07	51.3	17.41	52.5	16.77
	39	32.2	10.79	39.1	13.85	45.8	16.88	46.9	16.87	47.5	16.64	48.6	16.99	49.8	16.34
	43	32.2	12.58	37.6	14.52	40.8	16.02	41.5	16.01	42.1	15.78	43.2	16.13	44.4	15.48
46	30.1	12.64	33.6	13.88	36.7	15.37	37.4	15.37	38	15.14	39.2	15.49	40.4	14.84	
48	27.4	12.21	30.9	13.45	34	14.95	34.7	14.94	35.3	14.71	36.5	15.06	37.7	14.41	
50	24.7	11.79	28.2	13.02	31.3	14.52	32	14.51	32.6	14.28	33.8	14.63	35	13.98	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM160AXVDGH/EU

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)	Indoor Temperature (°C, WB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	
100	10	29.3	3.8	35.6	4.71	41.9	5.66	45	6.17	47.7	6.66	53.1	7.73	58.5	8.95
	12	29.3	3.96	35.6	4.92	41.9	5.94	45	6.49	47.7	7.02	53.1	8.17	58.5	9.49
	14	29.3	4.14	35.6	5.16	41.9	6.26	45	6.86	47.7	7.43	53.1	8.67	58.5	10.1
	16	29.3	4.34	35.6	5.44	41.9	6.62	45	7.26	47.7	7.88	53.1	9.23	58.5	10.79
	18	29.3	4.58	35.6	5.75	41.9	7.03	45	7.73	47.7	8.39	53.1	9.86	58.5	11.55
	20	29.3	4.84	35.6	6.1	41.9	7.49	45	8.24	47.7	8.97	53.1	10.56	58.5	12.39
	21	29.3	4.98	35.6	6.29	41.9	7.74	45	8.52	47.7	9.28	53.1	10.94	58.5	12.84
	23	29.3	5.3	35.6	6.71	41.9	8.28	45	9.13	47.7	9.95	53.1	11.75	58.5	13.83
	25	29.3	5.65	35.6	7.18	41.9	8.88	45	9.8	47.7	10.69	53.1	12.65	58.5	14.9
	27	29.3	6.04	35.6	7.7	41.9	9.54	45	10.55	47.7	11.51	53.1	13.64	58.5	16.07
	29	29.3	6.48	35.6	8.27	41.9	10.27	45	11.37	47.7	12.41	53.1	14.71	58.5	17.35
	31	29.3	6.96	35.6	8.91	41.9	11.07	45	12.26	47.7	13.39	53.1	15.89	58.5	18.74
	33	29.3	7.5	35.6	9.6	41.9	11.95	45	13.23	47.7	14.46	53.1	17.16	56.8	18.31
	35	29.3	8.08	35.6	10.36	41.9	12.9	45	14.29	47.7	15.62	52.8	18.12	54.1	17.88
	37	29.3	8.72	35.6	11.19	41.9	13.93	45	15.43	47.7	16.87	50.3	17.69	51.4	17.45
	39	29.3	9.42	35.6	12.08	41.9	15.05	45	16.67	46.5	16.94	47.6	17.26	48.7	17.03
	43	29.3	10.99	35.6	14.09	39	14.99	40.6	16.39	41.1	16.08	42.2	16.4	43.3	16.17
	46	28.6	11.65	31.8	13.45	34.9	14.35	36.5	15.75	37	15.44	38.1	15.76	39.2	15.53
	48	25.9	11.22	29.1	13.02	32.2	13.92	33.8	15.32	34.3	15.01	35.4	15.33	36.5	15.1
	50	23.2	10.79	26.4	12.59	29.5	13.49	31.1	14.89	31.6	14.58	32.7	14.9	33.8	14.67
90	10	26.3	3.29	32	4.07	37.7	4.92	40.5	5.36	42.9	5.79	47.8	6.71	52.7	7.76
	12	26.3	3.42	32	4.25	37.7	5.15	40.5	5.62	42.9	6.08	47.8	7.07	52.7	8.2
	14	26.3	3.57	32	4.45	37.7	5.41	40.5	5.92	42.9	6.41	47.8	7.48	52.7	8.7
	16	26.3	3.74	32	4.67	37.7	5.71	40.5	6.25	42.9	6.78	47.8	7.94	52.7	9.26
	18	26.3	3.93	32	4.93	37.7	6.04	40.5	6.63	42.9	7.21	47.8	8.45	52.7	9.89
	20	26.3	4.15	32	5.22	37.7	6.42	40.5	7.06	42.9	7.68	47.8	9.03	52.7	10.58
	21	26.3	4.27	32	5.38	37.7	6.63	40.5	7.29	42.9	7.94	47.8	9.34	52.7	10.96
	23	26.3	4.53	32	5.73	37.7	7.08	40.5	7.8	42.9	8.49	47.8	10.02	52.7	11.78
	25	26.3	4.82	32	6.12	37.7	7.58	40.5	8.36	42.9	9.11	47.8	10.77	52.7	12.67
	27	26.3	5.15	32	6.55	37.7	8.13	40.5	8.98	42.9	9.8	47.8	11.6	52.7	13.66
	29	26.3	5.51	32	7.03	37.7	8.74	40.5	9.66	42.9	10.55	47.8	12.5	52.7	14.74
	31	26.3	5.92	32	7.57	37.7	9.42	40.5	10.41	42.9	11.38	47.8	13.49	52.7	15.91
	33	26.3	6.37	32	8.15	37.7	10.15	40.5	11.24	42.9	12.28	47.8	14.57	52.7	17.18
	35	26.3	6.86	32	8.79	37.7	10.96	40.5	12.13	42.9	13.26	47.8	15.73	52.5	18.14
	37	26.3	7.4	32	9.49	37.7	11.84	40.5	13.1	42.9	14.32	47.8	16.99	50.2	17.72
	39	26.3	7.99	32	10.25	37.7	12.79	40.5	14.15	42.9	15.47	46.5	17.06	47.5	17.29
	43	26.3	9.32	32	11.96	36.9	14.13	38.3	14.85	39.5	15.43	41.1	16.2	42.1	16.43
	46	26.3	10.46	30	11.99	32.8	13.49	34.3	14.21	35.5	14.79	37.1	15.56	38	15.79
	48	24.5	10.03	27.3	11.56	30.1	13.06	31.6	13.78	32.8	14.36	34.4	15.13	35.3	15.36
	50	21.8	9.6	24.6	11.14	27.4	12.63	28.9	13.35	30.1	13.93	31.7	14.7	32.6	14.93
80	10	23.4	2.82	28.4	3.5	33.5	4.23	36	4.62	38.2	4.99	42.5	5.8	46.8	6.69
	12	23.4	2.93	28.4	3.64	33.5	4.42	36	4.83	38.2	5.22	42.5	6.09	46.8	7.04
	14	23.4	3.05	28.4	3.81	33.5	4.63	36	5.07	38.2	5.49	42.5	6.41	46.8	7.44
	16	23.4	3.19	28.4	3.99	33.5	4.87	36	5.35	38.2	5.79	42.5	6.79	46.8	7.9
	18	23.4	3.34	28.4	4.2	33.5	5.15	36	5.66	38.2	6.14	42.5	7.2	46.8	8.41
	20	23.4	3.52	28.4	4.44	33.5	5.46	36	6	38.2	6.52	42.5	7.68	46.8	8.98
	21	23.4	3.62	28.4	4.57	33.5	5.62	36	6.19	38.2	6.73	42.5	7.93	46.8	9.29
	23	23.4	3.83	28.4	4.86	33.5	5.99	36	6.61	38.2	7.19	42.5	8.49	46.8	9.96
	25	23.4	4.08	28.4	5.18	33.5	6.41	36	7.07	38.2	7.7	42.5	9.1	46.8	10.7
	27	23.4	4.35	28.4	5.54	33.5	6.86	36	7.58	38.2	8.27	42.5	9.79	46.8	11.51
	29	23.4	4.65	28.4	5.94	33.5	7.37	36	8.15	38.2	8.89	42.5	10.54	46.8	12.41
	31	23.4	4.99	28.4	6.38	33.5	7.93	36	8.78	38.2	9.58	42.5	11.36	46.8	13.39
	33	23.4	5.36	28.4	6.87	33.5	8.55	36	9.46	38.2	10.33	42.5	12.26	46.8	14.45
	35	23.4	5.77	28.4	7.4	33.5	9.22	36	10.21	38.2	11.15	42.5	13.24	46.8	15.61
	37	23.4	6.22	28.4	7.99	33.5	9.96	36	11.03	38.2	12.04	42.5	14.3	46.8	16.86
	39	23.4	6.72	28.4	8.63	33.5	10.75	36	11.91	38.2	13.01	42.5	15.44	46.3	16.93
	43	23.4	7.83	28.4	10.06	33.5	12.54	36	13.89	37.1	14.38	39.3	15.41	40.9	16.07
	46	23.4	8.79	28.2	10.65	30.7	11.9	32	13.24	33.1	13.74	35.2	14.76	36.9	15.43
	48	23	8.92	25.5	10.22	28	11.47	29.3	12.81	30.4	13.31	32.5	14.33	34.2	15
	50	20.3	8.49	22.8	9.79	25.3	11.04	26.6	12.39	27.7	12.88	29.8	13.9	31.5	14.57

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM160AXVDGH/EU

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)	Indoor Temperature (°C, WB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	
70	10	20.5	2.38	24.9	2.97	29.3	3.6	31.5	3.94	33.4	4.26	37.2	4.94	41	5.72
	12	20.5	2.47	24.9	3.09	29.3	3.75	31.5	4.11	33.4	4.45	37.2	5.17	41	6
	14	20.5	2.57	24.9	3.22	29.3	3.92	31.5	4.3	33.4	4.66	37.2	5.43	41	6.32
	16	20.5	2.68	24.9	3.37	29.3	4.11	31.5	4.52	33.4	4.9	37.2	5.73	41	6.68
	18	20.5	2.81	24.9	3.54	29.3	4.33	31.5	4.77	33.4	5.17	37.2	6.07	41	7.09
	20	20.5	2.96	24.9	3.73	29.3	4.58	31.5	5.05	33.4	5.48	37.2	6.44	41	7.54
	21	20.5	3.04	24.9	3.84	29.3	4.72	31.5	5.2	33.4	5.65	37.2	6.65	41	7.79
	23	20.5	3.21	24.9	4.07	29.3	5.01	31.5	5.53	33.4	6.02	37.2	7.1	41	8.33
	25	20.5	3.41	24.9	4.33	29.3	5.35	31.5	5.91	33.4	6.44	37.2	7.6	41	8.93
	27	20.5	3.63	24.9	4.62	29.3	5.72	31.5	6.33	33.4	6.89	37.2	8.15	41	9.6
	29	20.5	3.87	24.9	4.94	29.3	6.13	31.5	6.79	33.4	7.4	37.2	8.77	41	10.33
	31	20.5	4.15	24.9	5.3	29.3	6.59	31.5	7.3	33.4	7.97	37.2	9.44	41	11.13
	33	20.5	4.45	24.9	5.7	29.3	7.1	31.5	7.86	33.4	8.58	37.2	10.18	41	12.01
	35	20.5	4.79	24.9	6.14	29.3	7.65	31.5	8.48	33.4	9.26	37.2	10.99	41	12.97
	37	20.5	5.16	24.9	6.62	29.3	8.26	31.5	9.16	33.4	10	37.2	11.87	41	14.01
	39	20.5	5.57	24.9	7.15	29.3	8.92	31.5	9.89	33.4	10.8	37.2	12.82	41	15.13
	43	20.5	6.5	24.9	8.34	29.3	10.4	31.5	11.53	33.4	12.59	36.6	14.17	38.5	15.91
46	20.5	7.29	24.9	9.36	28.7	11.02	29.8	11.56	30.7	12.66	32.6	13.53	34.5	15.27	
48	20.5	7.87	23.8	9.51	26	10.59	27.1	11.13	28	12.23	29.9	13.1	31.8	14.84	
50	18.8	7.44	21.1	9.08	23.3	10.16	24.4	10.7	25.3	11.8	27.2	12.67	29.1	14.41	
60	10	17.6	1.98	21.3	2.48	25.1	3.01	27	3.3	28.6	3.58	31.9	4.16	35.1	4.82
	12	17.6	2.05	21.3	2.57	25.1	3.13	27	3.43	28.6	3.72	31.9	4.34	35.1	5.03
	14	17.6	2.13	21.3	2.68	25.1	3.27	27	3.58	28.6	3.89	31.9	4.54	35.1	5.28
	16	17.6	2.22	21.3	2.8	25.1	3.42	27	3.75	28.6	4.08	31.9	4.78	35.1	5.56
	18	17.6	2.32	21.3	2.93	25.1	3.59	27	3.95	28.6	4.29	31.9	5.04	35.1	5.88
	20	17.6	2.44	21.3	3.08	25.1	3.79	27	4.17	28.6	4.54	31.9	5.33	35.1	6.24
	21	17.6	2.5	21.3	3.16	25.1	3.89	27	4.29	28.6	4.67	31.9	5.5	35.1	6.43
	23	17.6	2.64	21.3	3.35	25.1	4.13	27	4.55	28.6	4.96	31.9	5.85	35.1	6.86
	25	17.6	2.8	21.3	3.55	25.1	4.39	27	4.85	28.6	5.29	31.9	6.25	35.1	7.33
	27	17.6	2.97	21.3	3.79	25.1	4.69	27	5.18	28.6	5.66	31.9	6.69	35.1	7.86
	29	17.6	3.17	21.3	4.05	25.1	5.02	27	5.55	28.6	6.07	31.9	7.18	35.1	8.45
	31	17.6	3.39	21.3	4.34	25.1	5.39	27	5.96	28.6	6.52	31.9	7.72	35.1	9.1
	33	17.6	3.64	21.3	4.66	25.1	5.79	27	6.41	28.6	7.01	31.9	8.32	35.1	9.81
	35	17.6	3.91	21.3	5.01	25.1	6.24	27	6.91	28.6	7.56	31.9	8.97	35.1	10.58
	37	17.6	4.21	21.3	5.4	25.1	6.73	27	7.46	28.6	8.16	31.9	9.69	35.1	11.42
	39	17.6	4.54	21.3	5.83	25.1	7.27	27	8.05	28.6	8.81	31.9	10.46	35.1	12.34
	43	17.6	5.3	21.3	6.8	25.1	8.48	27	9.39	28.6	10.28	31.9	12.2	35.1	14.39
46	17.6	5.95	21.3	7.63	25.1	9.51	27	10.54	28.3	10.88	29.9	12.25	31.6	13.75	
48	17.6	6.42	21.3	8.24	23.9	9.67	24.8	10.11	25.6	10.46	27.2	11.82	28.9	13.32	
50	17.4	6.46	19.3	7.81	21.2	9.24	22.1	9.68	22.9	10.03	24.5	11.39	26.2	12.89	
50	10	14.6	1.61	17.8	2.01	20.9	2.46	22.5	2.7	23.9	2.92	26.6	3.41	29.3	3.96
	12	14.6	1.66	17.8	2.09	20.9	2.55	22.5	2.8	23.9	3.04	26.6	3.55	29.3	4.12
	14	14.6	1.72	17.8	2.17	20.9	2.65	22.5	2.92	23.9	3.17	26.6	3.7	29.3	4.31
	16	14.6	1.79	17.8	2.26	20.9	2.77	22.5	3.05	23.9	3.31	26.6	3.88	29.3	4.52
	18	14.6	1.87	17.8	2.36	20.9	2.9	22.5	3.2	23.9	3.48	26.6	4.08	29.3	4.76
	20	14.6	1.96	17.8	2.48	20.9	3.05	22.5	3.37	23.9	3.66	26.6	4.31	29.3	5.04
	21	14.6	2.01	17.8	2.54	20.9	3.14	22.5	3.46	23.9	3.76	26.6	4.43	29.3	5.19
	23	14.6	2.12	17.8	2.68	20.9	3.32	22.5	3.66	23.9	3.99	26.6	4.7	29.3	5.51
	25	14.6	2.24	17.8	2.84	20.9	3.52	22.5	3.89	23.9	4.24	26.6	5.01	29.3	5.88
	27	14.6	2.38	17.8	3.02	20.9	3.75	22.5	4.15	23.9	4.53	26.6	5.35	29.3	6.29
	29	14.6	2.53	17.8	3.23	20.9	4.01	22.5	4.44	23.9	4.84	26.6	5.73	29.3	6.74
	31	14.6	2.7	17.8	3.45	20.9	4.29	22.5	4.76	23.9	5.19	26.6	6.15	29.3	7.25
	33	14.6	2.9	17.8	3.7	20.9	4.61	22.5	5.11	23.9	5.58	26.6	6.62	29.3	7.8
	35	14.6	3.11	17.8	3.98	20.9	4.96	22.5	5.5	23.9	6.01	26.6	7.13	29.3	8.41
	37	14.6	3.35	17.8	4.29	20.9	5.35	22.5	5.93	23.9	6.48	26.6	7.69	29.3	9.08
	39	14.6	3.61	17.8	4.62	20.9	5.77	22.5	6.4	23.9	7	26.6	8.31	29.3	9.8
	43	14.6	4.21	17.8	5.39	20.9	6.73	22.5	7.47	23.9	8.16	26.6	9.69	29.3	11.44
46	14.6	4.72	17.8	6.05	20.9	7.55	22.5	8.38	23.9	9.16	26.6	10.87	28.6	12.13	
48	14.6	5.1	17.8	6.54	20.9	8.15	22.5	9.05	23.2	9.3	24.6	10.44	25.9	11.7	
50	14.6	5.5	17.5	6.58	19.1	7.73	19.9	8.62	20.5	8.87	21.9	10.01	23.2	11.27	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM160AXVDGH/EU

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)		Indoor Temperature (°C, DB)									
	DB	WB	16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	-25	-25.1	35.8	13.62	34.9	14.32	34	15.16	32.9	16.29	31.9	17.13
	-22	-22.2	41.2	14.88	40.3	15.58	39.4	16.43	38.4	17.55	37.3	18.39
	-20	-20.2	44.9	15.72	44	16.43	43	17.27	42	18.39	39.7	18.95
	-17	-17.3	50.3	16.99	49.4	17.69	48.5	18.53	45.5	19.09	42.4	19.38
	-15	-15.3	53.9	17.83	53	18.53	50.5	19.09	47.3	19.38	44.2	19.66
	-12	-12.4	58.7	19.09	56.1	19.23	53.3	19.52	50	19.8	47	20.08
	-10	-10.5	60.5	19.38	57.9	19.52	55.1	19.8	51.8	20.08	48.8	20.36
	-7	-7.6	63.2	19.8	60.6	19.94	57.8	20.22	54.5	20.5	51.5	20.78
	-5	-5.6	65	20.08	62.4	20.22	59.6	20.5	56.3	20.78	53	21.06
	-3	-3.7	66.8	20.36	64.3	20.5	61.4	20.78	57.8	21.06	53.5	21.06
	0	-0.7	69.6	20.78	67	20.92	63	21.06	58.5	21.06	54.3	21.06
	3	2.2	71.4	21.06	67.6	21.06	63.8	21.06	59.3	21.06	55	20.86
	5	4.1	71.9	21.06	68.1	21.06	64.3	21.06	59.8	21.06	55	19.4
	7	6	72.4	21.06	68.6	21.06	64.8	21.06	60.3	20.38	55	18.08
	9	7.9	72.9	21.06	69.1	21.06	65.3	21.06	60.3	19.05	55	16.93
11	9.8	73.4	21.06	69.6	21.06	65.5	19.93	60.3	17.86	55	15.91	
13	11.8	73.9	21.06	70.1	20.52	65.5	18.71	60.3	16.81	55	15.01	
15	13.7	74.4	21.06	70.1	19.3	65.5	17.64	60.3	15.88	55	14.21	
120	-25	-25.1	34.6	14.46	33.8	15.16	33	16.01	32	16.85	31	17.55
	-22	-22.2	40.1	15.72	39.2	16.43	38.4	17.27	37.4	18.11	35.8	18.81
	-20	-20.2	43.7	16.57	42.9	17.27	42	18.11	40.4	18.95	37.6	19.09
	-17	-17.3	49.2	17.83	48.3	18.53	46.1	19.09	43.1	19.38	40.3	19.52
	-15	-15.3	52.8	18.67	50.5	19.09	47.9	19.38	44.9	19.66	42.2	19.8
	-12	-12.4	55.6	19.38	53.2	19.52	50.6	19.8	47.6	20.08	44.9	20.22
	-10	-10.5	57.4	19.66	55	19.8	52.4	20.08	49.4	20.36	46.7	20.5
	-7	-7.6	60.1	20.08	57.8	20.22	55.2	20.5	52.2	20.78	49.4	20.92
	-5	-5.6	61.9	20.36	59.6	20.5	57	20.78	53.9	21.06	49.8	21.06
	-3	-3.7	63.7	20.64	61.4	20.78	58.5	21.06	54.4	21.06	50.3	21.06
	0	-0.7	66.2	21.06	62.7	21.06	59.2	21.06	55.1	21.06	50.8	19.82
	3	2.2	66.9	21.06	63.5	21.06	60	21.06	55.6	20.03	50.8	17.72
	5	4.1	67.4	21.06	64	21.06	60.5	20.89	55.6	18.62	50.8	16.5
	7	6	67.9	21.06	64.5	21.06	60.5	19.44	55.6	17.36	50.8	15.41
	9	7.9	68.4	21.06	64.7	20.01	60.5	18.17	55.6	16.26	50.8	14.46
11	9.8	69	20.54	64.7	18.73	60.5	17.04	55.6	15.28	50.8	13.62	
13	11.8	69	19.26	64.7	17.6	60.5	16.04	55.6	14.41	50.8	12.88	
15	13.7	69	18.13	64.7	16.59	60.5	15.15	55.6	13.65	50.8	12.22	
110	-25	-25.1	33.5	15.58	32.7	16.01	31.9	16.85	31.1	17.55	29	18.11
	-22	-22.2	38.9	16.85	38.2	17.27	37.4	18.11	36.2	18.81	33.5	19.09
	-20	-20.2	42.6	17.69	41.8	18.11	40.5	18.95	38	19.09	35.3	19.38
	-17	-17.3	47.9	18.95	45.6	19.09	43.2	19.38	40.7	19.52	38	19.8
	-15	-15.3	49.7	19.23	47.4	19.38	45	19.66	42.5	19.8	39.8	20.08
	-12	-12.4	52.5	19.66	50.1	19.8	47.7	20.08	45.3	20.22	42.5	20.5
	-10	-10.5	54.3	19.94	51.9	20.08	49.6	20.36	47.1	20.5	44.3	20.78
	-7	-7.6	57	20.36	54.6	20.5	52.3	20.78	49.8	20.92	46.1	21.06
	-5	-5.6	58.8	20.64	56.4	20.78	53.9	21.06	50.2	21.06	46.6	20.36
	-3	-3.7	60.6	20.92	57.6	21.06	54.4	21.06	50.7	21.06	46.6	18.82
	0	-0.7	61.7	21.06	58.3	21.06	55.2	21.06	51	19.02	46.6	16.78
	3	2.2	62.4	21.06	59.1	21.06	55.4	19.1	51	17.01	46.6	15.03
	5	4.1	62.9	21.06	59.3	19.6	55.4	17.75	51	15.83	46.6	14.02
	7	6	63.2	20.07	59.3	18.25	55.4	16.55	51	14.78	46.6	13.11
	9	7.9	63.2	18.74	59.3	17.06	55.4	15.5	51	13.86	46.6	12.32
11	9.8	63.2	17.56	59.3	16.01	55.4	14.57	51	13.05	46.6	11.63	
13	11.8	63.2	16.51	59.3	15.07	55.4	13.74	51	12.34	46.6	11.02	
15	13.7	63.2	15.57	59.3	14.24	55.4	13.01	51	11.7	46.6	10.48	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM160AXVDGH/EU

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)		Indoor Temperature (°C, DB)									
	DB	WB	16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	-25	-25.1	32.3	16.43	31.6	16.85	30.9	18.04	28.9	17.83	26.9	17.33
	-22	-22.2	37.8	17.69	37.1	18.11	35.8	18.95	33.6	19.09	31.4	18.31
	-20	-20.2	41.4	18.53	40	18.95	37.6	19.23	35.4	19.38	33.2	18.59
	-17	-17.3	44.6	19.23	42.7	19.38	40.3	19.66	38.1	19.8	35.9	19.01
	-15	-15.3	46.4	19.52	44.5	19.66	42.1	19.94	39.9	20.08	37.7	19.3
	-12	-12.4	49.1	19.94	47.2	20.08	44.9	20.36	42.7	20.5	40.4	19.72
	-10	-10.5	50.9	20.22	49	20.36	46.7	20.64	44.5	20.78	42.3	20
	-7	-7.6	53.6	20.64	51.8	20.78	49.4	21.06	46.1	21.06	42.3	18.58
	-5	-5.6	55.4	20.92	52.9	21.06	49.9	21.06	46.4	19.48	42.3	17.16
	-3	-3.7	56.2	21.06	53.4	21.06	50.4	20.28	46.4	18	42.3	15.87
	0	-0.7	57	21.06	53.9	19.99	50.4	18.05	46.4	16.05	42.3	14.17
	3	2.2	57.5	19.67	53.9	17.86	50.4	16.15	46.4	14.38	42.3	12.72
	5	4.1	57.5	18.28	53.9	16.61	50.4	15.04	46.4	13.41	42.3	11.88
	7	6	57.5	17.03	53.9	15.49	50.4	14.04	46.4	12.54	42.3	11.13
	9	7.9	57.5	15.94	53.9	14.52	50.4	13.18	46.4	11.79	42.3	10.48
11	9.8	57.5	14.97	53.9	13.65	50.4	12.41	46.4	11.12	42.3	9.91	
13	11.8	57.5	14.11	53.9	12.89	50.4	11.73	46.4	10.54	42.3	9.41	
15	13.7	57.5	13.35	53.9	12.21	50.4	11.14	46.4	10.02	42.3	8.97	
90	-25	-25.1	31.2	17.27	30	17.69	28.4	17.83	26.6	17.78	24.8	16.2
	-22	-22.2	36.6	18.53	35	18.95	33.2	19.09	31	18.76	28.5	17.18
	-20	-20.2	38.5	19.09	36.9	19.23	35	19.38	32.8	19.04	30.3	17.46
	-17	-17.3	41.2	19.52	39.6	19.66	37.7	19.8	35.5	19.46	33.1	17.88
	-15	-15.3	43	19.8	41.4	19.94	39.5	20.08	37.3	19.74	34.9	18.16
	-12	-12.4	45.7	20.22	44.1	20.36	42.2	20.5	40	20.17	37.6	18.58
	-10	-10.5	47.6	20.5	45.9	20.64	44	20.78	41.7	20.45	38.1	17.98
	-7	-7.6	50.3	20.92	48	21.06	45.4	20.41	41.7	18.11	38.1	15.94
	-5	-5.6	51	21.06	48.5	20.9	45.4	18.84	41.7	16.73	38.1	14.73
	-3	-3.7	51.5	21.06	48.5	19.31	45.4	17.42	41.7	15.47	38.1	13.64
	0	-0.7	51.7	18.99	48.5	17.2	45.4	15.53	41.7	13.82	38.1	12.2
	3	2.2	51.7	16.97	48.5	15.39	45.4	13.92	41.7	12.4	38.1	10.97
	5	4.1	51.7	15.79	48.5	14.34	45.4	12.99	41.7	11.58	38.1	10.26
	7	6	51.7	14.74	48.5	13.4	45.4	12.15	41.7	10.85	38.1	9.63
	9	7.9	51.7	13.82	48.5	12.58	45.4	11.43	41.7	10.22	38.1	9.09
11	9.8	51.7	13.01	48.5	11.86	45.4	10.79	41.7	9.66	38.1	8.61	
13	11.8	51.7	12.29	48.5	11.22	45.4	10.22	41.7	9.17	38.1	8.19	
15	13.7	51.7	11.66	48.5	10.66	45.4	9.73	41.7	8.74	38.1	7.82	
80	-25	-25.1	28.7	17.83	27.3	17.7	25.9	16.86	24.3	15.78	22.7	14.41
	-22	-22.2	33.3	19.09	31.9	18.96	30	17.84	27.8	16.48	25.7	15.11
	-20	-20.2	35.1	19.38	33.7	19.25	31.8	18.12	29.7	16.77	27.5	15.39
	-17	-17.3	37.8	19.8	36.4	19.67	34.6	18.54	32.4	17.19	30.2	15.82
	-15	-15.3	39.7	20.08	38.3	19.95	36.4	18.83	34.2	17.47	32	16.1
	-12	-12.4	42.4	20.5	41	20.37	39.1	19.25	36.9	17.89	33.9	16.52
	-10	-10.5	44.2	20.78	42.8	20.65	40.3	19.53	37.1	17.31	33.9	15.23
	-7	-7.6	45.7	21.06	43.1	19.18	40.3	17.3	37.1	15.35	33.9	13.51
	-5	-5.6	46	19.58	43.1	17.71	40.3	15.99	37.1	14.19	33.9	12.5
	-3	-3.7	46	18.1	43.1	16.38	40.3	14.79	37.1	13.14	33.9	11.59
	0	-0.7	46	16.14	43.1	14.62	40.3	13.22	37.1	11.75	33.9	10.38
	3	2.2	46	14.46	43.1	13.12	40.3	11.87	37.1	10.58	33.9	9.36
	5	4.1	46	13.48	43.1	12.25	40.3	11.09	37.1	9.9	33.9	8.77
	7	6	46	12.61	43.1	11.47	40.3	10.4	37.1	9.29	33.9	8.24
	9	7.9	46	11.85	43.1	10.8	40.3	9.8	37.1	8.77	33.9	7.79
11	9.8	46	11.19	43.1	10.21	40.3	9.27	37.1	8.31	33.9	7.4	
13	11.8	46	10.6	43.1	9.68	40.3	8.81	37.1	7.91	33.9	7.05	
15	13.7	46	10.08	43.1	9.23	40.3	8.41	37.1	7.56	33.9	6.75	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM160AXVDGH/EU

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)		Indoor Temperature (°C, DB)									
	DB	WB	16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	-25	-25.1	25.8	17.31	24.6	16.29	23.4	15.57	22	14.33	20.1	13.4
	-22	-22.2	29.9	18.29	28.3	17.28	26.6	16.27	24.7	15.03	22.8	13.82
	-20	-20.2	31.8	18.57	30.1	17.56	28.4	16.55	26.5	15.32	24.6	14.1
	-17	-17.3	34.5	19	32.8	17.98	31.2	16.97	29.3	15.74	27.4	14.53
	-15	-15.3	36.3	19.28	34.6	18.26	33	17.25	31.1	16.02	29.2	14.81
	-12	-12.4	39	19.7	37.4	18.68	35.3	17.67	32.5	15.65	29.6	13.78
	-10	-10.5	40.2	19.98	37.8	18.07	35.3	16.29	32.5	14.43	29.6	12.71
	-7	-7.6	40.2	17.7	37.8	16.02	35.3	14.45	32.5	12.81	29.6	11.29
	-5	-5.6	40.2	16.35	37.8	14.81	35.3	13.36	32.5	11.85	29.6	10.45
	-3	-3.7	40.2	15.13	37.8	13.71	35.3	12.38	32.5	10.99	29.6	9.7
	0	-0.7	40.2	13.52	37.8	12.26	35.3	11.08	32.5	9.85	29.6	8.7
	3	2.2	40.2	12.15	37.8	11.03	35.3	9.98	32.5	8.89	29.6	7.86
	5	4.1	40.2	11.35	37.8	10.31	35.3	9.35	32.5	8.33	29.6	7.38
	7	6	40.2	10.64	37.8	9.68	35.3	8.78	32.5	7.84	29.6	6.95
	9	7.9	40.2	10.03	37.8	9.13	35.3	8.29	32.5	7.42	29.6	6.58
11	9.8	40.2	9.49	37.8	8.65	35.3	7.87	32.5	7.05	29.6	6.26	
13	11.8	40.2	9.01	37.8	8.23	35.3	7.49	32.5	6.72	29.6	5.98	
15	13.7	40.2	8.6	37.8	7.86	35.3	7.16	32.5	6.44	29.6	5.74	
60	-25	-25.1	23	15.59	21.9	14.69	20.5	14.11	18.9	13.07	17.3	11.99
	-22	-22.2	26.1	16.3	24.7	15.39	23.2	14.53	21.6	13.49	20	12.42
	-20	-20.2	27.9	16.58	26.5	15.67	25.1	14.81	23.4	13.77	21.8	12.7
	-17	-17.3	30.6	17	29.2	16.09	27.8	15.23	26.1	14.19	24.5	13.12
	-15	-15.3	32.4	17.28	31	16.37	29.6	15.51	27.8	14.47	25.4	12.73
	-12	-12.4	34.5	17.7	32.4	15.99	30.2	14.42	27.8	12.81	25.4	11.26
	-10	-10.5	34.5	16.32	32.4	14.74	30.2	13.31	27.8	11.82	25.4	10.4
	-7	-7.6	34.5	14.48	32.4	13.09	30.2	11.81	27.8	10.5	25.4	9.24
	-5	-5.6	34.5	13.39	32.4	12.11	30.2	10.94	27.8	9.72	25.4	8.57
	-3	-3.7	34.5	12.4	32.4	11.23	30.2	10.14	27.8	9.03	25.4	7.96
	0	-0.7	34.5	11.11	32.4	10.07	30.2	9.1	27.8	8.11	25.4	7.16
	3	2.2	34.5	10.01	32.4	9.08	30.2	8.22	27.8	7.33	25.4	6.48
	5	4.1	34.5	9.37	32.4	8.51	30.2	7.71	27.8	6.89	25.4	6.09
	7	6	34.5	8.81	32.4	8.01	30.2	7.26	27.8	6.49	25.4	5.75
	9	7.9	34.5	8.33	32.4	7.58	30.2	6.87	27.8	6.15	25.4	5.46
11	9.8	34.5	7.9	32.4	7.2	30.2	6.54	27.8	5.86	25.4	5.2	
13	11.8	34.5	7.53	32.4	6.87	30.2	6.24	27.8	5.6	25.4	4.98	
15	13.7	34.5	7.2	32.4	6.58	30.2	5.98	27.8	5.37	25.4	4.78	
50	-25	-25.1	19.5	13.67	18.3	12.94	17.1	12.23	15.8	10.7	14.4	9.87
	-22	-22.2	22.2	14.09	21	13.36	19.8	12.65	18.5	11.12	17.1	10.3
	-20	-20.2	24	14.37	22.8	13.65	21.7	12.93	20.3	11.4	19	10.58
	-17	-17.3	26.8	14.79	25.6	14.07	24.4	13.35	23	11.82	21.2	11
	-15	-15.3	28.6	15.07	27	14.35	25.2	12.95	23.2	11.48	21.2	10.13
	-12	-12.4	28.7	14.02	27	12.7	25.2	11.46	23.2	10.17	21.2	8.98
	-10	-10.5	28.7	12.94	27	11.72	25.2	10.58	23.2	9.39	21.2	8.29
	-7	-7.6	28.7	11.49	27	10.41	25.2	9.41	23.2	8.36	21.2	7.38
	-5	-5.6	28.7	10.64	27	9.65	25.2	8.72	23.2	7.75	21.2	6.85
	-3	-3.7	28.7	9.88	27	8.96	25.2	8.1	23.2	7.2	21.2	6.37
	0	-0.7	28.7	8.87	27	8.05	25.2	7.28	23.2	6.49	21.2	5.74
	3	2.2	28.7	8.02	27	7.28	25.2	6.6	23.2	5.88	21.2	5.21
	5	4.1	28.7	7.53	27	6.84	25.2	6.2	23.2	5.54	21.2	4.91
	7	6	28.7	7.09	27	6.45	25.2	5.85	23.2	5.23	21.2	4.64
	9	7.9	28.7	6.72	27	6.12	25.2	5.55	23.2	4.97	21.2	4.41
11	9.8	28.7	6.39	27	5.83	25.2	5.29	23.2	4.74	21.2	4.22	
13	11.8	28.7	6.11	27	5.57	25.2	5.07	23.2	4.55	21.2	4.04	
15	13.7	28.7	5.86	27	5.35	25.2	4.87	23.2	4.37	21.2	3.89	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM180AXVDGH/EU

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)	Indoor Temperature (°C, WB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	
130	10	42.6	6.55	51.8	8.08	60.9	9.75	65.5	10.67	69.5	11.56	77.3	13.53	85.2	15.83
	12	42.6	6.88	51.8	8.53	60.9	10.35	65.5	11.35	69.5	12.32	77.3	14.47	85.2	16.99
	14	42.6	7.25	51.8	9.04	60.9	11.02	65.5	12.12	69.5	13.18	77.3	15.53	85.2	18.27
	16	42.6	7.68	51.8	9.61	60.9	11.78	65.5	12.98	69.5	14.13	77.3	16.69	85.2	19.68
	18	42.6	8.15	51.8	10.26	60.9	12.62	65.5	13.92	69.5	15.18	77.3	17.97	85.2	21.22
	20	42.6	8.68	51.8	10.98	60.9	13.55	65.5	14.97	69.5	16.34	77.3	19.37	84.2	21.94
	21	42.6	8.98	51.8	11.37	60.9	14.05	65.5	15.54	69.5	16.96	77.3	20.13	83.7	22.3
	23	42.6	9.61	51.8	12.21	60.9	15.13	65.5	16.74	69.5	18.29	77.1	21.27	80.8	21.76
	25	42.6	10.3	51.8	13.13	60.9	16.31	65.5	18.07	69.5	19.74	76.1	21.99	77.8	21.22
	27	42.6	11.08	51.8	14.15	60.9	17.6	65.5	19.5	69.5	21.32	73.2	21.45	74.8	20.69
	29	42.6	11.93	51.8	15.27	60.9	19	65.5	21.06	68.5	22.04	70.2	20.91	71.8	20.15
	31	42.6	12.86	51.8	16.48	60.9	20.53	64.8	21.78	65.6	21.5	67.2	20.37	68.7	19.61
	33	42.6	13.88	51.8	17.8	60.5	21.69	61.8	21.24	62.6	20.96	64.1	19.83	65.7	19.07
	35	42.6	14.99	51.8	19.22	57.8	21.15	58.8	20.7	59.5	20.42	61.1	19.29	62.7	18.53
	37	42.6	16.19	51.8	20.75	54.8	20.62	55.7	20.16	56.5	19.88	58.1	18.76	59.7	17.99
	39	42.6	17.48	50	20.22	51.8	20.08	52.7	19.63	53.5	19.34	55.1	18.22	56.6	17.45
	43	39.7	18.34	43.9	19.14	45.7	19	46.7	18.55	47.5	18.27	49	17.14	50.6	16.38
	46	35.2	17.53	39.4	18.33	41.2	18.19	42.1	17.74	42.9	17.46	44.5	16.33	46.1	15.57
	48	32.2	16.99	36.4	17.79	38.2	17.65	39.1	17.2	39.9	16.92	41.5	15.79	43	15.03
	50	29.2	16.45	33.3	17.25	35.2	17.12	36.1	16.66	36.9	16.38	38.4	15.26	40	14.49
120	10	39.3	5.87	47.8	7.24	56.3	8.74	60.5	9.55	64.1	10.33	71.4	12.06	78.6	14.07
	12	39.3	6.16	47.8	7.63	56.3	9.26	60.5	10.14	64.1	10.99	71.4	12.87	78.6	15.06
	14	39.3	6.48	47.8	8.07	56.3	9.83	60.5	10.79	64.1	11.72	71.4	13.78	78.6	16.16
	16	39.3	6.84	47.8	8.56	56.3	10.48	60.5	11.53	64.1	12.54	71.4	14.78	78.6	17.38
	18	39.3	7.25	47.8	9.12	56.3	11.21	60.5	12.35	64.1	13.45	71.4	15.89	78.6	18.72
	20	39.3	7.71	47.8	9.74	56.3	12.01	60.5	13.26	64.1	14.46	71.4	17.11	78.6	20.19
	21	39.3	7.97	47.8	10.08	56.3	12.45	60.5	13.75	64.1	15	71.4	17.77	78.6	20.97
	23	39.3	8.51	47.8	10.81	56.3	13.39	60.5	14.8	64.1	16.16	71.4	19.16	78.1	21.69
	25	39.3	9.12	47.8	11.62	56.3	14.42	60.5	15.95	64.1	17.43	71.4	20.69	76.5	21.78
	27	39.3	9.8	47.8	12.51	56.3	15.55	60.5	17.21	64.1	18.82	70.9	21.86	73.5	21.24
	29	39.3	10.54	47.8	13.49	56.3	16.78	60.5	18.58	64.1	20.32	69	21.95	70.5	20.7
	31	39.3	11.36	47.8	14.55	56.3	18.12	60.5	20.07	63.8	21.48	66	21.41	67.4	20.16
	33	39.3	12.25	47.8	15.71	56.3	19.57	60.2	21.22	61.5	20.94	63	20.87	64.4	19.62
	35	39.3	13.23	47.8	16.97	56.2	20.7	57.8	20.68	58.5	20.4	59.9	20.33	61.4	19.08
	37	39.3	14.29	47.8	18.33	53.9	20.16	54.7	20.14	55.5	19.86	56.9	19.8	58.4	18.55
	39	39.3	15.43	47.8	19.79	50.9	19.62	51.7	19.6	52.4	19.32	53.9	19.26	55.3	18.01
	43	38.1	17.04	42.3	18.71	44.8	18.55	45.7	18.53	46.4	18.25	47.8	18.18	49.3	16.93
	46	33.6	16.24	37.8	17.9	40.3	17.74	41.1	17.72	41.8	17.44	43.3	17.37	44.7	16.12
	48	30.5	15.7	34.8	17.36	37.3	17.2	38.1	17.18	38.8	16.9	40.3	16.83	41.7	15.58
	50	27.5	15.16	31.7	16.82	34.2	16.66	35.1	16.64	35.8	16.36	37.3	16.3	38.7	15.05
110	10	36	5.25	43.8	6.48	51.6	7.81	55.4	8.53	58.8	9.22	65.4	10.73	72.1	12.48
	12	36	5.49	43.8	6.81	51.6	8.25	55.4	9.03	58.8	9.77	65.4	11.42	72.1	13.33
	14	36	5.76	43.8	7.18	51.6	8.74	55.4	9.59	58.8	10.4	65.4	12.19	72.1	14.27
	16	36	6.08	43.8	7.61	51.6	9.3	55.4	10.22	58.8	11.1	65.4	13.05	72.1	15.31
	18	36	6.43	43.8	8.08	51.6	9.92	55.4	10.92	58.8	11.88	65.4	14	72.1	16.46
	20	36	6.83	43.8	8.62	51.6	10.61	55.4	11.7	58.8	12.75	65.4	15.06	72.1	17.73
	21	36	7.04	43.8	8.91	51.6	10.99	55.4	12.12	58.8	13.21	65.4	15.63	72.1	18.41
	23	36	7.52	43.8	9.54	51.6	11.8	55.4	13.03	58.8	14.22	65.4	16.84	72.1	19.86
	25	36	8.05	43.8	10.24	51.6	12.69	55.4	14.04	58.8	15.32	65.4	18.17	72.1	21.44
	27	36	8.63	43.8	11.01	51.6	13.67	55.4	15.13	58.8	16.53	65.4	19.61	71.4	22.16
	29	36	9.28	43.8	11.86	51.6	14.75	55.4	16.33	58.8	17.84	65.4	21.18	69.1	21.62
	31	36	9.99	43.8	12.79	51.6	15.92	55.4	17.64	58.8	19.27	64.7	21.9	66.1	21.08
	33	36	10.78	43.8	13.81	51.6	17.19	55.4	19.05	58.8	20.82	61.8	21.36	63.1	20.54
	35	36	11.63	43.8	14.91	51.6	18.57	55.4	20.57	57.4	20.91	58.7	20.82	60.1	20.01
	37	36	12.56	43.8	16.11	51.6	20.05	53.7	20.66	54.4	20.37	55.7	20.28	57	19.47
	39	36	13.57	43.8	17.39	49.9	20.14	50.7	20.12	51.4	19.83	52.7	19.75	54	18.93
	43	36	15.82	40.3	17.26	43.9	19.06	44.6	19.04	45.3	18.75	46.6	18.67	48	17.85
	46	31.9	15.01	35.8	16.46	39.3	18.26	40.1	18.24	40.8	17.94	42.1	17.86	43.4	17.04
	48	28.9	14.47	32.8	15.92	36.3	17.72	37.1	17.7	37.8	17.41	39.1	17.32	40.4	16.51
	50	25.9	13.93	29.8	15.38	33.3	17.18	34.1	17.16	34.7	16.87	36.1	16.78	37.4	15.97

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM180AXVDGH/EU

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)	Indoor Temperature (°C, WB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	10	32.8	4.66	39.8	5.76	46.9	6.95	50.4	7.58	53.4	8.2	59.5	9.53	65.5	11.04
	12	32.8	4.86	39.8	6.04	46.9	7.31	50.4	8	53.4	8.66	59.5	10.1	65.5	11.75
	14	32.8	5.1	39.8	6.35	46.9	7.73	50.4	8.47	53.4	9.19	59.5	10.75	65.5	12.55
	16	32.8	5.36	39.8	6.71	46.9	8.2	50.4	9	53.4	9.78	59.5	11.48	65.5	13.43
	18	32.8	5.66	39.8	7.12	46.9	8.73	50.4	9.6	53.4	10.44	59.5	12.29	65.5	14.41
	20	32.8	6.01	39.8	7.57	46.9	9.32	50.4	10.27	53.4	11.18	59.5	13.19	65.5	15.5
	21	32.8	6.19	39.8	7.82	46.9	9.64	50.4	10.63	53.4	11.58	59.5	13.68	65.5	16.08
	23	32.8	6.6	39.8	8.36	46.9	10.34	50.4	11.41	53.4	12.45	59.5	14.72	65.5	17.33
	25	32.8	7.05	39.8	8.97	46.9	11.11	50.4	12.27	53.4	13.39	59.5	15.87	65.5	18.7
	27	32.8	7.56	39.8	9.63	46.9	11.95	50.4	13.22	53.4	14.44	59.5	17.12	65.5	20.19
	29	32.8	8.11	39.8	10.37	46.9	12.89	50.4	14.26	53.4	15.58	59.5	18.48	65.5	21.8
	31	32.8	8.73	39.8	11.17	46.9	13.9	50.4	15.39	53.4	16.82	59.5	19.96	64.8	22.52
	33	32.8	9.41	39.8	12.05	46.9	15.01	50.4	16.62	53.4	18.16	59.5	21.1	61.8	21.98
	35	32.8	10.15	39.8	13.01	46.9	16.21	50.4	17.95	53.4	19.62	57.6	21.19	58.8	21.44
	37	32.8	10.96	39.8	14.05	46.9	17.51	50.4	19.38	53.2	20.75	54.5	20.65	55.7	20.9
	39	32.8	11.84	39.8	15.18	46.9	18.9	49.7	20.08	50.3	20.21	51.5	20.11	52.7	20.36
	43	32.8	13.8	38.4	16.76	41.9	17.83	43.6	19	44.2	19.13	45.5	19.04	46.7	19.29
	46	30.3	13.8	33.8	15.95	37.3	17.02	39.1	18.2	39.7	18.32	40.9	18.23	42.1	18.48
	48	27.3	13.27	30.8	15.41	34.3	16.48	36.1	17.66	36.7	17.79	37.9	17.69	39.1	17.94
	50	24.2	12.73	27.8	14.87	31.3	15.94	33.1	17.12	33.7	17.25	34.9	17.15	36.1	17.4
90	10	29.5	4.03	35.8	4.99	42.2	6.03	45.4	6.58	48.1	7.1	53.5	8.25	59	9.55
	12	29.5	4.2	35.8	5.22	42.2	6.33	45.4	6.92	48.1	7.49	53.5	8.72	59	10.12
	14	29.5	4.39	35.8	5.48	42.2	6.67	45.4	7.3	48.1	7.92	53.5	9.25	59	10.77
	16	29.5	4.61	35.8	5.78	42.2	7.05	45.4	7.74	48.1	8.4	53.5	9.85	59	11.5
	18	29.5	4.86	35.8	6.12	42.2	7.49	45.4	8.23	48.1	8.95	53.5	10.52	59	12.31
	20	29.5	5.14	35.8	6.49	42.2	7.98	45.4	8.79	48.1	9.56	53.5	11.26	59	13.21
	21	29.5	5.3	35.8	6.7	42.2	8.24	45.4	9.09	48.1	9.89	53.5	11.67	59	13.7
	23	29.5	5.63	35.8	7.15	42.2	8.82	45.4	9.73	48.1	10.61	53.5	12.53	59	14.74
	25	29.5	6.01	35.8	7.65	42.2	9.46	45.4	10.45	48.1	11.4	53.5	13.49	59	15.89
	27	29.5	6.43	35.8	8.2	42.2	10.17	45.4	11.25	48.1	12.27	53.5	14.54	59	17.14
	29	29.5	6.9	35.8	8.82	42.2	10.95	45.4	12.12	48.1	13.23	53.5	15.69	59	18.5
	31	29.5	7.42	35.8	9.5	42.2	11.81	45.4	13.07	48.1	14.28	53.5	16.94	59	19.98
	33	29.5	7.99	35.8	10.24	42.2	12.74	45.4	14.11	48.1	15.42	53.5	18.29	59	21.58
	35	29.5	8.61	35.8	11.05	42.2	13.76	45.4	15.24	48.1	16.65	53.5	19.76	57.5	21.67
	37	29.5	9.29	35.8	11.93	42.2	14.86	45.4	16.46	48.1	17.98	53.2	20.89	54.4	21.14
	39	29.5	10.04	35.8	12.89	42.2	16.05	45.4	17.77	48.1	19.41	50.3	20.35	51.4	20.6
	43	29.5	11.71	35.8	15.03	39.5	16.79	41.1	17.66	42.5	18.34	44.3	19.28	45.4	19.52
	46	28.6	12.37	31.8	14.22	35	15.98	36.6	16.85	37.9	17.53	39.7	18.47	40.8	18.71
	48	25.6	11.83	28.8	13.68	32	15.44	33.6	16.31	34.9	16.99	36.7	17.93	37.8	18.17
	50	22.6	11.29	25.8	13.14	28.9	14.91	30.5	15.77	31.9	16.45	33.7	17.39	34.8	17.64
80	10	26.2	3.46	31.9	4.29	37.5	5.19	40.3	5.67	42.7	6.11	47.6	7.11	52.4	8.22
	12	26.2	3.6	31.9	4.47	37.5	5.44	40.3	5.94	42.7	6.42	47.6	7.49	52.4	8.68
	14	26.2	3.75	31.9	4.69	37.5	5.71	40.3	6.25	42.7	6.77	47.6	7.91	52.4	9.21
	16	26.2	3.93	31.9	4.93	37.5	6.02	40.3	6.61	42.7	7.17	47.6	8.4	52.4	9.8
	18	26.2	4.14	31.9	5.2	37.5	6.38	40.3	7.01	42.7	7.61	47.6	8.94	52.4	10.45
	20	26.2	4.37	31.9	5.51	37.5	6.78	40.3	7.46	42.7	8.11	47.6	9.55	52.4	11.19
	21	26.2	4.5	31.9	5.68	37.5	7	40.3	7.71	42.7	8.38	47.6	9.88	52.4	11.59
	23	26.2	4.77	31.9	6.05	37.5	7.47	40.3	8.24	42.7	8.97	47.6	10.6	52.4	12.45
	25	26.2	5.09	31.9	6.46	37.5	8	40.3	8.83	42.7	9.63	47.6	11.39	52.4	13.4
	27	26.2	5.43	31.9	6.92	37.5	8.59	40.3	9.49	42.7	10.35	47.6	12.26	52.4	14.43
	29	26.2	5.82	31.9	7.43	37.5	9.24	40.3	10.21	42.7	11.15	47.6	13.22	52.4	15.57
	31	26.2	6.25	31.9	7.99	37.5	9.95	40.3	11.01	42.7	12.02	47.6	14.26	52.4	16.81
	33	26.2	6.73	31.9	8.61	37.5	10.73	40.3	11.87	42.7	12.97	47.6	15.4	52.4	18.15
	35	26.2	7.25	31.9	9.29	37.5	11.58	40.3	12.82	42.7	14.01	47.6	16.63	52.4	19.61
	37	26.2	7.82	31.9	10.03	37.5	12.51	40.3	13.85	42.7	15.13	47.6	17.96	52.4	21.17
	39	26.2	8.45	31.9	10.83	37.5	13.51	40.3	14.95	42.7	16.34	47.6	19.39	50.1	20.64
	43	26.2	9.85	31.9	12.63	37.2	14.89	38.6	15.61	39.8	17.1	42.2	18.31	44	19.56
	46	26.2	11.06	29.8	12.59	32.7	14.08	34.1	14.8	35.3	16.3	37.7	17.51	39.5	18.75
	48	24	10.52	26.8	12.05	29.6	13.54	31	14.26	32.3	15.76	34.7	16.97	36.5	18.21
	50	21	9.98	23.8	11.51	26.6	13	28	13.72	29.2	15.22	31.6	16.43	33.5	17.67

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM180AXVDGH/EU

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)	Indoor Temperature (°C, WB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	
70	10	22.9	2.92	27.9	3.65	32.8	4.41	35.3	4.83	37.4	5.22	41.6	6.06	45.9	7.01
	12	22.9	3.04	27.9	3.8	32.8	4.61	35.3	5.05	37.4	5.46	41.6	6.36	45.9	7.38
	14	22.9	3.17	27.9	3.97	32.8	4.83	35.3	5.3	37.4	5.74	41.6	6.71	45.9	7.79
	16	22.9	3.31	27.9	4.16	32.8	5.08	35.3	5.58	37.4	6.06	41.6	7.09	45.9	8.26
	18	22.9	3.48	27.9	4.38	32.8	5.36	35.3	5.9	37.4	6.41	41.6	7.53	45.9	8.79
	20	22.9	3.66	27.9	4.63	32.8	5.69	35.3	6.27	37.4	6.81	41.6	8.01	45.9	9.38
	21	22.9	3.77	27.9	4.77	32.8	5.86	35.3	6.46	37.4	7.03	41.6	8.28	45.9	9.7
	23	22.9	3.99	27.9	5.07	32.8	6.25	35.3	6.9	37.4	7.51	41.6	8.86	45.9	10.4
	25	22.9	4.25	27.9	5.4	32.8	6.68	35.3	7.38	37.4	8.04	41.6	9.5	45.9	11.17
	27	22.9	4.53	27.9	5.78	32.8	7.15	35.3	7.91	37.4	8.63	41.6	10.21	45.9	12.02
	29	22.9	4.85	27.9	6.19	32.8	7.68	35.3	8.5	37.4	9.28	41.6	10.99	45.9	12.95
	31	22.9	5.2	27.9	6.65	32.8	8.27	35.3	9.15	37.4	10	41.6	11.85	45.9	13.97
	33	22.9	5.59	27.9	7.16	32.8	8.91	35.3	9.87	37.4	10.78	41.6	12.79	45.9	15.08
	35	22.9	6.02	27.9	7.72	32.8	9.61	35.3	10.65	37.4	11.64	41.6	13.81	45.9	16.29
	37	22.9	6.49	27.9	8.33	32.8	10.38	35.3	11.5	37.4	12.57	41.6	14.92	45.9	17.59
	39	22.9	7.01	27.9	9	32.8	11.21	35.3	12.42	37.4	13.58	41.6	16.11	45.9	19
	43	22.9	8.18	27.9	10.5	32.8	13.07	35.3	14.48	37.1	14.97	39.3	16.85	41.4	18.93
	46	22.9	9.18	27.8	11.06	30.3	13.04	31.5	13.68	32.6	14.16	34.7	16.05	36.8	18.12
48	22.3	9.26	24.8	10.53	27.3	12.5	28.5	13.14	29.6	13.62	31.7	15.51	33.8	17.59	
50	19.3	8.73	21.8	9.99	24.3	11.96	25.5	12.6	26.6	13.08	28.7	14.97	30.8	17.05	
60	10	19.7	2.43	23.9	3.04	28.1	3.7	30.2	4.05	32.1	4.38	35.7	5.09	39.3	5.9
	12	19.7	2.52	23.9	3.16	28.1	3.85	30.2	4.22	32.1	4.57	35.7	5.32	39.3	6.18
	14	19.7	2.62	23.9	3.29	28.1	4.02	30.2	4.41	32.1	4.79	35.7	5.59	39.3	6.5
	16	19.7	2.74	23.9	3.45	28.1	4.22	30.2	4.64	32.1	5.03	35.7	5.89	39.3	6.87
	18	19.7	2.87	23.9	3.62	28.1	4.44	30.2	4.89	32.1	5.31	35.7	6.23	39.3	7.28
	20	19.7	3.02	23.9	3.82	28.1	4.7	30.2	5.18	32.1	5.63	35.7	6.62	39.3	7.74
	21	19.7	3.1	23.9	3.92	28.1	4.84	30.2	5.33	32.1	5.8	35.7	6.83	39.3	8
	23	19.7	3.28	23.9	4.16	28.1	5.14	30.2	5.67	32.1	6.18	35.7	7.28	39.3	8.55
	25	19.7	3.48	23.9	4.43	28.1	5.48	30.2	6.06	32.1	6.6	35.7	7.79	39.3	9.16
	27	19.7	3.71	23.9	4.73	28.1	5.86	30.2	6.48	32.1	7.07	35.7	8.36	39.3	9.83
	29	19.7	3.97	23.9	5.06	28.1	6.29	30.2	6.96	32.1	7.59	35.7	8.99	39.3	10.58
	31	19.7	4.25	23.9	5.43	28.1	6.76	30.2	7.48	32.1	8.17	35.7	9.68	39.3	11.4
	33	19.7	4.56	23.9	5.84	28.1	7.27	30.2	8.06	32.1	8.8	35.7	10.43	39.3	12.3
	35	19.7	4.91	23.9	6.29	28.1	7.84	30.2	8.69	32.1	9.49	35.7	11.26	39.3	13.28
	37	19.7	5.29	23.9	6.79	28.1	8.46	30.2	9.38	32.1	10.25	35.7	12.16	39.3	14.34
	39	19.7	5.71	23.9	7.33	28.1	9.14	30.2	10.13	32.1	11.07	35.7	13.13	39.3	15.49
	43	19.7	6.66	23.9	8.55	28.1	10.66	30.2	11.82	32.1	12.91	35.7	15.31	38.1	17.11
	46	19.7	7.48	23.9	9.59	28	11.24	29	12.49	29.9	12.87	31.7	14.51	33.6	16.3
48	19.7	8.07	22.8	9.69	24.9	10.7	26	11.95	26.9	12.33	28.7	13.97	30.5	15.76	
50	17.7	7.53	19.8	9.16	21.9	10.16	23	11.41	23.9	11.79	25.7	13.43	27.5	15.22	
50	10	16.4	1.97	19.9	2.47	23.4	3.02	25.2	3.31	26.7	3.58	29.7	4.18	32.8	4.85
	12	16.4	2.04	19.9	2.57	23.4	3.14	25.2	3.44	26.7	3.73	29.7	4.36	32.8	5.06
	14	16.4	2.12	19.9	2.67	23.4	3.27	25.2	3.59	26.7	3.89	29.7	4.56	32.8	5.3
	16	16.4	2.21	19.9	2.79	23.4	3.42	25.2	3.76	26.7	4.08	29.7	4.79	32.8	5.58
	18	16.4	2.31	19.9	2.92	23.4	3.59	25.2	3.95	26.7	4.29	29.7	5.05	32.8	5.89
	20	16.4	2.43	19.9	3.07	23.4	3.79	25.2	4.17	26.7	4.54	29.7	5.34	32.8	6.25
	21	16.4	2.49	19.9	3.16	23.4	3.89	25.2	4.29	26.7	4.67	29.7	5.5	32.8	6.44
	23	16.4	2.63	19.9	3.34	23.4	4.13	25.2	4.55	26.7	4.96	29.7	5.85	32.8	6.86
	25	16.4	2.79	19.9	3.55	23.4	4.39	25.2	4.85	26.7	5.28	29.7	6.24	32.8	7.34
	27	16.4	2.96	19.9	3.78	23.4	4.69	25.2	5.18	26.7	5.65	29.7	6.68	32.8	7.86
	29	16.4	3.16	19.9	4.04	23.4	5.02	25.2	5.55	26.7	6.05	29.7	7.17	32.8	8.44
	31	16.4	3.38	19.9	4.33	23.4	5.38	25.2	5.95	26.7	6.5	29.7	7.71	32.8	9.08
	33	16.4	3.63	19.9	4.65	23.4	5.79	25.2	6.4	26.7	7	29.7	8.3	32.8	9.79
	35	16.4	3.9	19.9	5	23.4	6.23	25.2	6.9	26.7	7.54	29.7	8.95	32.8	10.56
	37	16.4	4.2	19.9	5.39	23.4	6.72	25.2	7.45	26.7	8.14	29.7	9.66	32.8	11.4
	39	16.4	4.53	19.9	5.82	23.4	7.25	25.2	8.04	26.7	8.79	29.7	10.44	32.8	12.32
	43	16.4	5.28	19.9	6.78	23.4	8.46	25.2	9.38	26.7	10.25	29.7	12.17	32.8	14.36
	46	16.4	5.93	19.9	7.61	23.4	9.5	25.2	10.52	26.7	11.5	28.8	12.87	30.3	14.38
48	16.4	6.4	19.9	8.22	22.6	9.6	23.5	9.98	24.2	10.96	25.8	12.33	27.3	13.84	
50	16	6.38	17.8	7.68	19.6	9.06	20.5	9.44	21.2	10.42	22.7	11.79	24.2	13.31	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM180AXVDGH/EU

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)		Indoor Temperature (°C, DB)									
	DB	WB	16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	-25	-25.1	38.1	16.18	37.1	17.16	36	18.13	34.9	19.44	33.7	20.42
	-22	-22.2	44.2	17.65	43.2	18.62	42.2	19.6	41	20.91	39.8	21.89
	-20	-20.2	48.3	18.62	47.3	19.6	46.2	20.58	45.1	21.89	43.9	22.86
	-17	-17.3	54.4	20.09	53.4	21.07	52.4	22.05	50.8	23.35	47.2	23.68
	-15	-15.3	58.5	21.07	57.5	22.05	56.5	23.03	52.9	23.68	49.3	24.01
	-12	-12.4	64.6	22.54	62.7	23.52	59.5	23.84	55.9	24.17	52.3	24.5
	-10	-10.5	67.8	23.52	64.7	23.84	61.6	24.17	58	24.5	54.4	24.82
	-7	-7.6	70.9	24.01	67.8	24.33	64.6	24.66	61	24.98	57.4	25.31
	-5	-5.6	72.9	24.33	69.8	24.66	66.7	24.98	63.1	25.31	59.5	25.64
	-3	-3.7	75	24.66	71.8	24.98	68.7	25.31	65.1	25.64	60.5	25.8
	0	-0.7	78	25.15	74.9	25.47	71.4	25.8	66.4	25.8	61.4	25.8
	3	2.2	81.1	25.64	76.6	25.8	72.3	25.8	67.2	25.8	61.9	24.27
	5	4.1	81.5	25.8	77.2	25.8	72.9	25.8	67.8	25.45	61.9	22.55
	7	6	82	25.8	77.7	25.8	73.4	25.8	67.8	23.67	61.9	21
	9	7.9	82.6	25.8	78.3	25.8	73.7	24.7	67.8	22.1	61.9	19.65
11	9.8	83.2	25.8	78.9	25.41	73.7	23.1	67.8	20.71	61.9	18.45	
13	11.8	83.7	25.8	78.9	23.8	73.7	21.67	67.8	19.47	61.9	17.38	
15	13.7	84	24.43	78.9	22.36	73.7	20.4	67.8	18.37	61.9	16.44	
120	-25	-25.1	36.8	17.65	35.9	18.46	34.9	19.11	33.8	20.42	32.7	21.23
	-22	-22.2	42.9	19.11	42	19.93	41	20.58	39.9	21.89	38.9	22.7
	-20	-20.2	47	20.09	46.1	20.91	45.1	21.56	44	22.86	41.9	23.35
	-17	-17.3	53.1	21.56	52.2	22.37	51.2	23.03	47.9	23.68	44.9	23.84
	-15	-15.3	57.2	22.54	56.2	23.35	53.3	23.68	50	24.01	47	24.17
	-12	-12.4	62.1	23.68	59.2	23.84	56.4	24.17	53.1	24.5	50	24.66
	-10	-10.5	64.1	24.01	61.3	24.17	58.4	24.5	55.1	24.82	52.1	24.98
	-7	-7.6	67.2	24.5	64.3	24.66	61.5	24.98	58.2	25.31	55.1	25.47
	-5	-5.6	69.2	24.82	66.4	24.98	63.5	25.31	60.2	25.64	56.3	25.8
	-3	-3.7	71.3	25.15	68.4	25.31	65.5	25.64	61.5	25.8	56.9	25.8
	0	-0.7	74.3	25.64	70.8	25.8	66.9	25.8	62.3	25.8	57.2	23.1
	3	2.2	75.9	25.8	71.7	25.8	67.8	25.8	62.6	23.31	57.2	20.63
	5	4.1	76.4	25.8	72.2	25.8	68	24.28	62.6	21.66	57.2	19.19
	7	6	77	25.8	72.8	24.91	68	22.58	62.6	20.17	57.2	17.9
	9	7.9	77.6	25.51	72.8	23.23	68	21.09	62.6	18.87	57.2	16.78
11	9.8	77.6	23.83	72.8	21.72	68	19.75	62.6	17.72	57.2	15.78	
13	11.8	77.6	22.33	72.8	20.39	68	18.57	62.6	16.69	57.2	14.89	
15	13.7	77.6	21	72.8	19.2	68	17.52	62.6	15.79	57.2	14.11	
110	-25	-25.1	35.5	18.62	34.6	19.44	33.8	20.09	32.8	20.91	30.5	21.54
	-22	-22.2	41.6	20.09	40.8	20.91	39.9	21.56	38.9	22.37	36.6	23.01
	-20	-20.2	45.7	21.07	44.9	21.89	44	22.54	42.3	23.35	39.6	23.66
	-17	-17.3	51.8	22.54	51	23.35	48.1	23.68	45.4	23.84	42.6	24.15
	-15	-15.3	55.3	23.52	53	23.68	50.1	24.01	47.4	24.17	44.7	24.48
	-12	-12.4	58.4	24.01	56.1	24.17	53.2	24.5	50.5	24.66	47.7	24.96
	-10	-10.5	60.4	24.33	58.1	24.5	55.2	24.82	52.5	24.98	49.8	25.29
	-7	-7.6	63.5	24.82	61.2	24.98	58.3	25.31	55.6	25.47	52.4	25.78
	-5	-5.6	65.5	25.15	63.2	25.31	60.3	25.64	56.8	25.8	52.4	23.79
	-3	-3.7	67.6	25.47	65.3	25.64	61.5	25.8	57.4	24.91	52.4	21.97
	0	-0.7	69.7	25.8	66.2	25.8	62.4	24.91	57.4	22.16	52.4	19.57
	3	2.2	70.5	25.8	66.7	24.56	62.4	22.21	57.4	19.79	52.4	17.51
	5	4.1	71.1	25.09	66.7	22.79	62.4	20.64	57.4	18.41	52.4	16.3
	7	6	71.1	23.31	66.7	21.2	62.4	19.22	57.4	17.17	52.4	15.23
	9	7.9	71.1	21.75	66.7	19.8	62.4	17.98	57.4	16.09	52.4	14.3
11	9.8	71.1	20.35	66.7	18.56	62.4	16.88	57.4	15.13	52.4	13.47	
13	11.8	71.1	19.11	66.7	17.45	62.4	15.91	57.4	14.29	52.4	12.74	
15	13.7	71.1	18.02	66.7	16.48	62.4	15.04	57.4	13.54	52.4	12.1	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM180AXVDGH/EU

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)		Indoor Temperature (°C, DB)									
	DB	WB	16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	-25	-25.1	34.2	19.6	33.4	20.42	32.6	21.49	30.4	20.42	28.1	19.62
	-22	-22.2	40.3	21.07	39.6	21.89	38.8	22.95	36.5	21.89	34.2	21.09
	-20	-20.2	44.4	22.05	43.6	22.86	42.1	23.52	39.4	22.54	36.4	21.74
	-17	-17.3	49.9	23.52	47.5	23.68	45.2	24.01	42.5	23.03	39.5	22.23
	-15	-15.3	51.9	23.84	49.6	24.01	47.2	24.33	44.5	23.36	41.5	22.56
	-12	-12.4	55	24.33	52.6	24.5	50.3	24.82	47.6	23.85	44.6	23.05
	-10	-10.5	57	24.66	54.7	24.82	52.3	25.15	49.6	24.17	46.6	23.37
	-7	-7.6	60.1	25.15	57.7	25.31	55.4	25.64	52.2	24.66	47.6	21.7
	-5	-5.6	62.1	25.47	59.8	25.64	56.7	25.6	52.2	22.76	47.6	20.04
	-3	-3.7	63.8	25.8	60.4	25.8	56.7	23.64	52.2	21.02	47.6	18.52
	0	-0.7	64.6	25.67	60.7	23.28	56.7	21.03	52.2	18.72	47.6	16.52
	3	2.2	64.6	22.88	60.7	20.77	56.7	18.79	52.2	16.75	47.6	14.81
	5	4.1	64.6	21.25	60.7	19.3	56.7	17.48	52.2	15.6	47.6	13.81
	7	6	64.6	19.78	60.7	17.99	56.7	16.31	52.2	14.57	47.6	12.92
	9	7.9	64.6	18.5	60.7	16.84	56.7	15.29	52.2	13.68	47.6	12.15
11	9.8	64.6	17.35	60.7	15.82	56.7	14.38	52.2	12.89	47.6	11.47	
13	11.8	64.6	16.33	60.7	14.92	56.7	13.58	52.2	12.19	47.6	10.87	
15	13.7	64.6	15.44	60.7	14.12	56.7	12.88	52.2	11.57	47.6	10.34	
90	-25	-25.1	32.9	20.91	31.6	20.65	29.8	19.61	27.8	19.06	25.7	17.63
	-22	-22.2	39.1	22.37	37.7	22.12	35.9	21.07	33.9	20.53	31.2	19.09
	-20	-20.2	42.8	23.35	41	23.1	38.7	21.73	36	21.18	33.3	19.42
	-17	-17.3	45.9	23.84	44.1	23.59	41.7	22.22	39	21.67	36.3	19.91
	-15	-15.3	47.9	24.17	46.1	23.91	43.8	22.54	41.1	21.99	38.4	20.23
	-12	-12.4	51	24.66	49.2	24.4	46.8	23.03	44.1	22.48	41.5	20.72
	-10	-10.5	53	24.98	51.2	24.73	48.9	23.36	46.2	22.81	42.9	21.05
	-7	-7.6	56.1	25.47	54.3	25.22	51	23.85	47	21.18	42.9	18.65
	-5	-5.6	57.6	25.8	54.6	24.38	51	22	47	19.56	42.9	17.23
	-3	-3.7	58.2	24.87	54.6	22.51	51	20.33	47	18.08	42.9	15.94
	0	-0.7	58.2	22.11	54.6	20.04	51	18.11	47	16.12	42.9	14.24
	3	2.2	58.2	19.74	54.6	17.91	51	16.21	47	14.45	42.9	12.78
	5	4.1	58.2	18.36	54.6	16.68	51	15.1	47	13.48	42.9	11.94
	7	6	58.2	17.12	54.6	15.57	51	14.11	47	12.61	42.9	11.19
	9	7.9	58.2	16.04	54.6	14.61	51	13.25	47	11.86	42.9	10.54
11	9.8	58.2	15.08	54.6	13.75	51	12.49	47	11.19	42.9	9.97	
13	11.8	58.2	14.23	54.6	13	51	11.82	47	10.61	42.9	9.47	
15	13.7	58.2	13.48	54.6	12.33	51	11.23	47	10.09	42.9	9.03	
80	-25	-25.1	30.1	20.52	28.6	19.28	27	18.34	25.2	16.83	23.3	16.61
	-22	-22.2	36.3	21.99	34.7	20.75	32.9	19.81	30.5	18.3	28.1	17.75
	-20	-20.2	39.1	22.64	37	21.4	34.9	20.14	32.5	18.63	30.1	18.08
	-17	-17.3	42.2	23.13	40.1	21.89	38	20.63	35.6	19.12	33.2	18.57
	-15	-15.3	44.2	23.46	42.1	22.21	40	20.95	37.6	19.44	35.2	18.9
	-12	-12.4	47.3	23.94	45.2	22.7	43.1	21.44	40.7	19.93	38.1	19.38
	-10	-10.5	49.3	24.27	47.2	23.03	45.1	21.77	41.7	20.26	38.1	17.87
	-7	-7.6	51.7	24.76	48.5	22.43	45.4	20.23	41.7	17.95	38.1	15.84
	-5	-5.6	51.7	22.85	48.5	20.7	45.4	18.68	41.7	16.58	38.1	14.64
	-3	-3.7	51.7	21.11	48.5	19.14	45.4	17.27	41.7	15.35	38.1	13.55
	0	-0.7	51.7	18.8	48.5	17.06	45.4	15.41	41.7	13.71	38.1	12.12
	3	2.2	51.7	16.83	48.5	15.28	45.4	13.83	41.7	12.32	38.1	10.9
	5	4.1	51.7	15.68	48.5	14.25	45.4	12.9	41.7	11.51	38.1	10.2
	7	6	51.7	14.65	48.5	13.33	45.4	12.08	41.7	10.79	38.1	9.57
	9	7.9	51.7	13.76	48.5	12.53	45.4	11.37	41.7	10.17	38.1	9.03
11	9.8	51.7	12.97	48.5	11.82	45.4	10.74	41.7	9.62	38.1	8.55	
13	11.8	51.7	12.27	48.5	11.2	45.4	10.19	41.7	9.14	38.1	8.14	
15	13.7	51.7	11.66	48.5	10.65	45.4	9.7	41.7	8.72	38.1	7.77	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM180AXVDGH/EU

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)		Indoor Temperature (°C, DB)									
	DB	WB	16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	-25	-25.1	26.9	18.85	25.5	17.72	24.1	16.92	22.5	15.61	21	14.59
	-22	-22.2	32.8	20.32	31	19.19	29.1	18.06	27	16.75	25	15.41
	-20	-20.2	34.9	20.65	33	19.51	31.2	18.39	29.1	17.07	27	15.73
	-17	-17.3	37.9	21.14	36.1	20	34.3	18.88	32.2	17.56	30.1	16.22
	-15	-15.3	40	21.46	38.1	20.33	36.3	19.2	34.2	17.89	32.1	16.55
	-12	-12.4	43	21.95	41.2	20.82	39.4	19.69	36.5	18.38	33.3	16.2
	-10	-10.5	45.1	22.28	42.5	21.14	39.7	19.06	36.5	16.94	33.3	14.94
	-7	-7.6	45.3	20.7	42.5	18.73	39.7	16.89	36.5	15.02	33.3	13.25
	-5	-5.6	45.3	19.11	42.5	17.3	39.7	15.61	36.5	13.89	33.3	12.26
	-3	-3.7	45.3	17.67	42.5	16.01	39.7	14.45	36.5	12.86	33.3	11.36
	0	-0.7	45.3	15.77	42.5	14.3	39.7	12.92	36.5	11.51	33.3	10.18
	3	2.2	45.3	14.15	42.5	12.84	39.7	11.62	36.5	10.36	33.3	9.17
	5	4.1	45.3	13.2	42.5	11.99	39.7	10.86	36.5	9.7	33.3	8.6
	7	6	45.3	12.36	42.5	11.24	39.7	10.19	36.5	9.11	33.3	8.08
	9	7.9	45.3	11.63	42.5	10.59	39.7	9.61	36.5	8.6	33.3	7.64
11	9.8	45.3	10.99	42.5	10.02	39.7	9.1	36.5	8.16	33.3	7.25	
13	11.8	45.3	10.42	42.5	9.51	39.7	8.65	36.5	7.76	33.3	6.91	
15	13.7	45.3	9.93	42.5	9.07	39.7	8.26	36.5	7.42	33.3	6.61	
60	-25	-25.1	23.7	16.96	22.5	16.01	21.3	15.05	19.9	14.21	18.6	13.03
	-22	-22.2	28.5	18.1	27	17.15	25.4	16.2	23.6	15.03	21.8	13.85
	-20	-20.2	30.6	18.42	29	17.48	27.4	16.52	25.7	15.35	23.9	14.18
	-17	-17.3	33.6	18.91	32.1	17.97	30.5	17.01	28.7	15.84	26.9	14.66
	-15	-15.3	35.7	19.24	34.1	18.29	32.6	17.34	30.8	16.17	28.6	14.99
	-12	-12.4	38.8	19.73	36.4	18.78	34	16.96	31.3	15.05	28.6	13.26
	-10	-10.5	38.8	19.1	36.4	17.31	34	15.63	31.3	13.88	28.6	12.23
	-7	-7.6	38.8	16.93	36.4	15.35	34	13.87	31.3	12.32	28.6	10.87
	-5	-5.6	38.8	15.65	36.4	14.2	34	12.83	31.3	11.4	28.6	10.06
	-3	-3.7	38.8	14.49	36.4	13.15	34	11.88	31.3	10.57	28.6	9.33
	0	-0.7	38.8	12.96	36.4	11.77	34	10.64	31.3	9.48	28.6	8.38
	3	2.2	38.8	11.65	36.4	10.59	34	9.59	31.3	8.55	28.6	7.57
	5	4.1	38.8	10.9	36.4	9.91	34	8.98	31.3	8.01	28.6	7.1
	7	6	38.8	10.23	36.4	9.31	34	8.44	31.3	7.54	28.6	6.69
	9	7.9	38.8	9.65	36.4	8.79	34	7.98	31.3	7.13	28.6	6.34
11	9.8	38.8	9.14	36.4	8.34	34	7.57	31.3	6.78	28.6	6.03	
13	11.8	38.8	8.7	36.4	7.93	34	7.21	31.3	6.47	28.6	5.76	
15	13.7	38.8	8.31	36.4	7.58	34	6.9	31.3	6.19	28.6	5.52	
50	-25	-25.1	20.4	15.77	19.5	14.09	18.5	13.28	17.1	12.64	15.6	10.96
	-22	-22.2	24.3	16.58	23	14.9	21.7	14.1	20.2	13.13	18.7	11.45
	-20	-20.2	26.3	16.91	25	15.23	23.7	14.42	22.2	13.45	20.7	11.78
	-17	-17.3	29.4	17.4	28.1	15.72	26.8	14.91	25.3	13.94	23.8	12.27
	-15	-15.3	31.4	17.73	30.1	16.04	28.4	15.24	26.1	13.54	23.8	11.93
	-12	-12.4	32.3	16.48	30.3	14.94	28.4	13.48	26.1	11.98	23.8	10.56
	-10	-10.5	32.3	15.2	30.3	13.78	28.4	12.44	26.1	11.05	23.8	9.75
	-7	-7.6	32.3	13.49	30.3	12.23	28.4	11.04	26.1	9.82	23.8	8.67
	-5	-5.6	32.3	12.48	30.3	11.32	28.4	10.23	26.1	9.09	23.8	8.03
	-3	-3.7	32.3	11.57	30.3	10.5	28.4	9.49	26.1	8.44	23.8	7.46
	0	-0.7	32.3	10.37	30.3	9.41	28.4	8.52	26.1	7.58	23.8	6.71
	3	2.2	32.3	9.35	30.3	8.5	28.4	7.69	26.1	6.86	23.8	6.08
	5	4.1	32.3	8.76	30.3	7.97	28.4	7.22	26.1	6.44	23.8	5.71
	7	6	32.3	8.24	30.3	7.5	28.4	6.8	26.1	6.07	23.8	5.39
	9	7.9	32.3	7.79	30.3	7.1	28.4	6.44	26.1	5.76	23.8	5.12
11	9.8	32.3	7.4	30.3	6.75	28.4	6.13	26.1	5.48	23.8	4.88	
13	11.8	32.3	7.06	30.3	6.44	28.4	5.85	26.1	5.24	23.8	4.67	
15	13.7	32.3	6.76	30.3	6.17	28.4	5.61	26.1	5.03	23.8	4.49	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM200AXVDGH1EU

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)	Indoor Temperature (°C, WB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	10	47.4	6.6	57.6	8.14	67.8	9.86	72.8	10.78	77.2	11.68	86	13.7	94.6	16.04
	12	47.4	6.94	57.6	8.6	67.8	10.46	72.8	11.48	77.2	12.48	86	14.66	94.6	17.24
	14	47.4	7.32	57.6	9.14	67.8	11.16	72.8	12.28	77.2	13.36	86	15.74	94.6	18.54
	16	47.4	7.76	57.6	9.72	67.8	11.94	72.8	13.14	77.2	14.32	86	16.94	94.6	19.98
	18	47.4	8.24	57.6	10.38	67.8	12.78	72.8	14.12	77.2	15.4	86	18.24	94.6	21.56
	20	47.4	8.8	57.6	11.12	67.8	13.74	72.8	15.18	77.2	16.58	86	19.68	94	22.12
	21	47.4	9.1	57.6	11.52	67.8	14.26	72.8	15.76	77.2	17.22	86	20.44	92.4	21.86
	23	47.4	9.74	57.6	12.36	67.8	15.36	72.8	17	77.2	18.58	86	22.06	89	21.3
	25	47.4	10.44	57.6	13.32	67.8	16.56	72.8	18.34	77.2	20.04	84	21.52	85.6	20.76
	27	47.4	11.24	57.6	14.36	67.8	17.86	72.8	19.8	77.2	21.66	80.6	20.98	82.4	20.22
	29	47.4	12.1	57.6	15.48	67.8	19.3	72.8	21.38	75.4	21.1	77.2	20.42	79	19.66
	31	47.4	13.06	57.6	16.72	67.8	20.84	71.2	21.96	72.2	20.56	73.8	19.88	75.6	19.12
	33	47.4	14.1	57.6	18.06	66.8	21.38	67.8	21.4	68.8	20.02	70.6	19.34	72.2	18.58
	35	47.4	15.22	57.6	19.5	63.6	20.84	64.6	20.86	65.4	19.46	67.2	18.78	68.8	18.02
	37	47.4	16.44	57.6	21.06	60.2	20.28	61.2	20.32	62	18.92	63.8	18.24	65.6	17.48
	39	47.4	17.76	54.8	20.5	56.8	19.74	57.8	19.76	58.6	18.38	60.4	17.7	62.2	16.94
	43	43.4	17.62	48	19.42	50	18.64	51	18.68	52	17.28	53.8	16.6	55.4	15.84
	46	38.4	16.8	43	18.6	45	17.82	46	17.86	47	16.46	48.6	15.78	50.4	15.02
	48	35	16.26	39.6	18.04	41.6	17.28	42.6	17.3	43.6	15.92	45.4	15.24	47	14.48
	50	31.6	15.72	36.2	17.5	38.4	16.74	39.4	16.76	40.2	15.36	42	14.68	43.6	13.92
120	10	43.6	5.92	53	7.32	62.6	8.82	67.2	9.64	71.2	10.44	79.4	12.2	87.4	14.24
	12	43.6	6.22	53	7.7	62.6	9.36	67.2	10.24	71.2	11.12	79.4	13.04	87.4	15.26
	14	43.6	6.54	53	8.16	62.6	9.94	67.2	10.92	71.2	11.88	79.4	13.96	87.4	16.38
	16	43.6	6.92	53	8.66	62.6	10.62	67.2	11.66	71.2	12.7	79.4	14.98	87.4	17.64
	18	43.6	7.34	53	9.24	62.6	11.36	67.2	12.5	71.2	13.64	79.4	16.12	87.4	19
	20	43.6	7.82	53	9.86	62.6	12.18	67.2	13.44	71.2	14.66	79.4	17.36	87.4	20.5
	21	43.6	8.06	53	10.22	62.6	12.62	67.2	13.94	71.2	15.22	79.4	18.04	87.4	21.3
	23	43.6	8.62	53	10.96	62.6	13.58	67.2	15.02	71.2	16.4	79.4	19.46	87.4	22.98
	25	43.6	9.26	53	11.78	62.6	14.64	67.2	16.18	71.2	17.7	79.4	21.02	84.2	22.44
	27	43.6	9.94	53	12.68	62.6	15.78	67.2	17.46	71.2	19.1	79.2	21.56	80.8	21.9
	29	43.6	10.7	53	13.68	62.6	17.04	67.2	18.86	71.2	20.64	76	21.02	77.6	21.34
	31	43.6	11.54	53	14.76	62.6	18.4	67.2	20.38	71	21.16	72.6	20.46	74.2	20.8
	33	43.6	12.44	53	15.94	62.6	19.88	66.8	20.9	67.6	20.62	69.2	19.92	70.8	20.26
	35	43.6	13.44	53	17.22	62.4	20.38	63.4	20.36	64.2	20.08	65.8	19.38	67.4	19.7
	37	43.6	14.52	53	18.6	59.2	19.84	60	19.8	60.8	19.52	62.4	18.82	64	19.16
	39	43.6	15.68	53	19.04	55.8	19.28	56.6	19.26	57.4	18.98	59.2	18.28	60.8	18.62
	43	41.6	16.38	46.2	17.96	49	18.2	50	18.16	50.8	17.9	52.4	17.18	54	17.52
	46	36.6	15.56	41.2	17.14	44	17.38	45	17.34	45.8	17.08	47.4	16.36	49	16.7
	48	33.2	15.02	37.8	16.58	40.6	16.82	41.6	16.8	42.4	16.52	44	15.82	45.6	16.16
	50	29.8	14.46	34.6	16.04	37.2	16.28	38.2	16.26	39	15.98	40.6	15.28	42.2	15.6
110	10	40	5.28	48.6	6.54	57.2	7.88	61.6	8.6	65.4	9.32	72.6	10.86	80	12.62
	12	40	5.54	48.6	6.88	57.2	8.34	61.6	9.12	65.4	9.88	72.6	11.56	80	13.48
	14	40	5.82	48.6	7.26	57.2	8.84	61.6	9.7	65.4	10.52	72.6	12.34	80	14.44
	16	40	6.14	48.6	7.7	57.2	9.4	61.6	10.34	65.4	11.24	72.6	13.22	80	15.52
	18	40	6.5	48.6	8.18	57.2	10.04	61.6	11.06	65.4	12.04	72.6	14.2	80	16.7
	20	40	6.9	48.6	8.72	57.2	10.76	61.6	11.86	65.4	12.92	72.6	15.28	80	17.98
	21	40	7.14	48.6	9.02	57.2	11.14	61.6	12.28	65.4	13.4	72.6	15.86	80	18.68
	23	40	7.62	48.6	9.66	57.2	11.96	61.6	13.22	65.4	14.42	72.6	17.1	80	20.16
	25	40	8.16	48.6	10.38	57.2	12.88	61.6	14.24	65.4	15.54	72.6	18.44	80	21.76
	27	40	8.76	48.6	11.18	57.2	13.88	61.6	15.36	65.4	16.78	72.6	19.92	79.4	22.34
	29	40	9.42	48.6	12.04	57.2	14.98	61.6	16.58	65.4	18.12	72.6	21.52	76	21.8
	31	40	10.14	48.6	12.98	57.2	16.16	61.6	17.9	65.4	19.56	71.2	22.08	72.8	21.26
	33	40	10.94	48.6	14.02	57.2	17.46	61.6	19.34	65.4	21.14	67.8	21.54	69.4	20.7
	35	40	11.8	48.6	15.14	57.2	18.86	61.6	20.88	63	20.58	64.6	20.98	66	20.16
	37	40	12.74	48.6	16.36	57.2	20.36	59	20.34	59.6	20.04	61.2	20.44	62.6	19.62
	39	40	13.76	48.6	17.66	54.8	19.82	55.6	19.78	56.4	19.5	57.8	19.9	59.2	19.06
	43	39.8	15.18	44	17.52	48	18.72	48.8	18.7	49.6	18.4	51	18.8	52.6	17.98
	46	34.8	14.36	39	16.7	43	17.9	43.8	17.88	44.6	17.58	46	17.98	47.6	17.16
	48	31.4	13.8	35.6	16.16	39.6	17.36	40.4	17.32	41.2	17.04	42.6	17.44	44.2	16.6
	50	28	13.26	32.2	15.62	36.2	16.82	37	16.78	37.8	16.48	39.4	16.88	40.8	16.06

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM200AXVDGH1EU

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)	Indoor Temperature (°C, WB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	10	36.4	4.7	44.2	5.8	52	7	56	7.64	59.4	8.28	66	9.62	72.8	11.16
	12	36.4	4.9	44.2	6.1	52	7.38	56	8.08	59.4	8.76	66	10.2	72.8	11.88
	14	36.4	5.14	44.2	6.42	52	7.82	56	8.56	59.4	9.3	66	10.88	72.8	12.7
	16	36.4	5.42	44.2	6.78	52	8.3	56	9.1	59.4	9.9	66	11.62	72.8	13.6
	18	36.4	5.72	44.2	7.2	52	8.84	56	9.72	59.4	10.58	66	12.44	72.8	14.62
	20	36.4	6.08	44.2	7.66	52	9.44	56	10.4	59.4	11.34	66	13.36	72.8	15.72
	21	36.4	6.26	44.2	7.92	52	9.76	56	10.78	59.4	11.74	66	13.86	72.8	16.32
	23	36.4	6.68	44.2	8.48	52	10.48	56	11.56	59.4	12.62	66	14.92	72.8	17.58
	25	36.4	7.14	44.2	9.08	52	11.26	56	12.44	59.4	13.6	66	16.1	72.8	18.98
	27	36.4	7.66	44.2	9.76	52	12.14	56	13.42	59.4	14.66	66	17.36	72.8	20.5
	29	36.4	8.22	44.2	10.52	52	13.08	56	14.46	59.4	15.82	66	18.76	72.8	22.14
	31	36.4	8.86	44.2	11.32	52	14.12	56	15.62	59.4	17.08	66	20.26	71.2	22.72
	33	36.4	9.54	44.2	12.22	52	15.24	56	16.88	59.4	18.44	66	21.88	67.8	22.18
	35	36.4	10.3	44.2	13.2	52	16.46	56	18.22	59.4	19.92	63.2	21.32	64.6	21.64
	37	36.4	11.12	44.2	14.26	52	17.78	56	19.68	58.4	20.42	59.8	20.78	61.2	21.08
	39	36.4	12.02	44.2	15.4	52	19.2	54.4	20.18	55.2	19.88	56.4	20.24	57.8	20.54
	43	36.4	14.02	41.8	16.08	45.8	18.1	47.8	19.1	48.4	18.78	49.8	19.14	51	19.44
	46	32.8	13.2	36.8	15.26	40.8	17.28	42.6	18.28	43.4	17.96	44.8	18.32	46	18.62
	48	29.6	12.64	33.4	14.72	37.4	16.74	39.4	17.72	40	17.42	41.4	17.78	42.6	18.08
	50	26.2	12.1	30	14.16	34	16.18	36	17.18	36.6	16.88	38	17.22	39.4	17.54
90	10	32.8	4.06	39.8	5.04	46.8	6.06	50.4	6.62	53.4	7.16	59.4	8.32	65.6	9.64
	12	32.8	4.24	39.8	5.28	46.8	6.38	50.4	6.98	53.4	7.56	59.4	8.8	65.6	10.24
	14	32.8	4.44	39.8	5.54	46.8	6.72	50.4	7.38	53.4	8	59.4	9.36	65.6	10.9
	16	32.8	4.66	39.8	5.84	46.8	7.12	50.4	7.82	53.4	8.5	59.4	9.96	65.6	11.64
	18	32.8	4.92	39.8	6.18	46.8	7.56	50.4	8.32	53.4	9.06	59.4	10.64	65.6	12.48
	20	32.8	5.2	39.8	6.58	46.8	8.08	50.4	8.88	53.4	9.68	59.4	11.42	65.6	13.4
	21	32.8	5.36	39.8	6.78	46.8	8.34	50.4	9.2	53.4	10.02	59.4	11.82	65.6	13.9
	23	32.8	5.7	39.8	7.24	46.8	8.94	50.4	9.86	53.4	10.76	59.4	12.72	65.6	14.96
	25	32.8	6.1	39.8	7.76	46.8	9.58	50.4	10.6	53.4	11.56	59.4	13.68	65.6	16.12
	27	32.8	6.52	39.8	8.32	46.8	10.32	50.4	11.4	53.4	12.46	59.4	14.76	65.6	17.4
	29	32.8	7	39.8	8.96	46.8	11.1	50.4	12.3	53.4	13.42	59.4	15.92	65.6	18.78
	31	32.8	7.52	39.8	9.64	46.8	11.98	50.4	13.26	53.4	14.5	59.4	17.2	65.6	20.28
	33	32.8	8.1	39.8	10.4	46.8	12.92	50.4	14.32	53.4	15.64	59.4	18.58	65.6	21.92
	35	32.8	8.74	39.8	11.22	46.8	13.96	50.4	15.46	53.4	16.9	59.4	20.06	63	21.36
	37	32.8	9.44	39.8	12.12	46.8	15.08	50.4	16.7	53.4	18.26	58.6	20.58	59.8	20.82
	39	32.8	10.2	39.8	13.08	46.8	16.28	50.4	18.02	53.2	18.7	55.2	20.02	56.4	20.28
	43	32.8	11.88	39.6	14.42	43.2	16.1	45	16.94	46.4	17.6	48.4	18.94	49.6	19.18
	46	31	11.8	34.6	13.6	38.2	15.28	39.8	16.12	41.4	16.78	43.4	18.12	44.6	18.36
	48	27.8	11.26	31.2	13.04	34.8	14.74	36.6	15.56	38	16.24	40	17.56	41.2	17.82
	50	24.4	10.72	27.8	12.5	31.4	14.18	33.2	15.02	34.6	15.68	36.6	17.02	37.8	17.26
80	10	29.2	3.48	35.4	4.32	41.6	5.24	44.8	5.7	47.4	6.18	52.8	7.16	58.2	8.3
	12	29.2	3.62	35.4	4.52	41.6	5.48	44.8	6	47.4	6.48	52.8	7.56	58.2	8.76
	14	29.2	3.78	35.4	4.74	41.6	5.76	44.8	6.32	47.4	6.84	52.8	8	58.2	9.3
	16	29.2	3.98	35.4	4.98	41.6	6.08	44.8	6.68	47.4	7.24	52.8	8.5	58.2	9.9
	18	29.2	4.18	35.4	5.26	41.6	6.46	44.8	7.1	47.4	7.7	52.8	9.04	58.2	10.58
	20	29.2	4.42	35.4	5.58	41.6	6.86	44.8	7.56	47.4	8.22	52.8	9.68	58.2	11.34
	21	29.2	4.54	35.4	5.76	41.6	7.08	44.8	7.8	47.4	8.5	52.8	10.02	58.2	11.74
	23	29.2	4.84	35.4	6.14	41.6	7.58	44.8	8.36	47.4	9.1	52.8	10.74	58.2	12.62
	25	29.2	5.16	35.4	6.56	41.6	8.12	44.8	8.96	47.4	9.76	52.8	11.56	58.2	13.58
	27	29.2	5.5	35.4	7.02	41.6	8.72	44.8	9.62	47.4	10.5	52.8	12.44	58.2	14.64
	29	29.2	5.9	35.4	7.54	41.6	9.38	44.8	10.36	47.4	11.32	52.8	13.42	58.2	15.8
	31	29.2	6.34	35.4	8.12	41.6	10.1	44.8	11.18	47.4	12.2	52.8	14.48	58.2	17.06
	33	29.2	6.82	35.4	8.76	41.6	10.9	44.8	12.06	47.4	13.16	52.8	15.62	58.2	18.42
	35	29.2	7.36	35.4	9.44	41.6	11.76	44.8	13.02	47.4	14.22	52.8	16.88	58.2	19.9
	37	29.2	7.94	35.4	10.2	41.6	12.7	44.8	14.06	47.4	15.36	52.8	18.22	58.2	21.48
	39	29.2	8.58	35.4	11	41.6	13.72	44.8	15.18	47.4	16.58	52.8	19.68	54.8	20.94
	43	29.2	10	35.4	12.84	40.6	15.12	42.2	15.84	43.4	16.42	46.2	18.58	48.2	19.84
	46	29.2	11.22	32.4	12.8	35.6	14.3	37	15.02	38.4	15.6	41.2	17.76	43.2	19.02
	48	25.8	10.68	29	12.24	32.2	13.76	33.8	14.48	35	15.04	37.8	17.22	39.8	18.48
	50	22.6	10.14	25.6	11.7	28.8	13.2	30.4	13.94	31.8	14.5	34.4	16.68	36.4	17.94

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM200AXVDGH1EU

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)	Indoor Temperature (°C, WB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	
70	10	25.4	2.94	31	3.68	36.4	4.44	39.2	4.86	41.6	5.26	46.2	6.12	51	7.08
	12	25.4	3.06	31	3.84	36.4	4.64	39.2	5.08	41.6	5.52	46.2	6.42	51	7.46
	14	25.4	3.2	31	4	36.4	4.88	39.2	5.34	41.6	5.8	46.2	6.76	51	7.88
	16	25.4	3.34	31	4.2	36.4	5.14	39.2	5.64	41.6	6.12	46.2	7.16	51	8.36
	18	25.4	3.5	31	4.44	36.4	5.42	39.2	5.96	41.6	6.48	46.2	7.62	51	8.9
	20	25.4	3.7	31	4.68	36.4	5.76	39.2	6.34	41.6	6.9	46.2	8.12	51	9.5
	21	25.4	3.8	31	4.82	36.4	5.94	39.2	6.54	41.6	7.12	46.2	8.38	51	9.84
	23	25.4	4.04	31	5.14	36.4	6.34	39.2	6.98	41.6	7.62	46.2	8.98	51	10.54
	25	25.4	4.3	31	5.48	36.4	6.76	39.2	7.46	41.6	8.16	46.2	9.64	51	11.32
	27	25.4	4.58	31	5.86	36.4	7.26	39.2	8.02	41.6	8.76	46.2	10.36	51	12.2
	29	25.4	4.9	31	6.28	36.4	7.8	39.2	8.62	41.6	9.42	46.2	11.16	51	13.14
	31	25.4	5.26	31	6.76	36.4	8.4	39.2	9.28	41.6	10.16	46.2	12.04	51	14.18
	33	25.4	5.66	31	7.28	36.4	9.04	39.2	10	41.6	10.94	46.2	12.98	51	15.32
	35	25.4	6.1	31	7.84	36.4	9.76	39.2	10.8	41.6	11.82	46.2	14.02	51	16.54
	37	25.4	6.58	31	8.46	36.4	10.54	39.2	11.66	41.6	12.76	46.2	15.14	51	17.86
	39	25.4	7.1	31	9.14	36.4	11.38	39.2	12.6	41.6	13.78	46.2	16.36	51	19.28
	43	25.4	8.28	31	10.66	36.4	13.28	39.2	14.68	40.6	15.2	42.8	16.18	45.2	18.2
	46	25.4	9.3	30.2	11.24	33	12.46	34.2	13.86	35.4	14.38	37.8	15.36	40.2	17.38
48	24	9.38	26.8	10.7	29.6	11.9	31	13.32	32.2	13.84	34.4	14.8	36.8	16.82	
50	20.8	8.84	23.4	10.14	26.2	11.36	27.6	12.78	28.8	13.28	31	14.26	33.4	16.28	
60	10	21.8	2.46	26.6	3.06	31.2	3.72	33.6	4.08	35.6	4.42	39.6	5.14	43.6	5.94
	12	21.8	2.54	26.6	3.18	31.2	3.88	33.6	4.26	35.6	4.62	39.6	5.38	43.6	6.22
	14	21.8	2.64	26.6	3.32	31.2	4.06	33.6	4.46	35.6	4.84	39.6	5.64	43.6	6.56
	16	21.8	2.76	26.6	3.48	31.2	4.26	33.6	4.68	35.6	5.08	39.6	5.96	43.6	6.94
	18	21.8	2.9	26.6	3.66	31.2	4.5	33.6	4.94	35.6	5.38	39.6	6.3	43.6	7.36
	20	21.8	3.06	26.6	3.86	31.2	4.76	33.6	5.24	35.6	5.7	39.6	6.7	43.6	7.84
	21	21.8	3.14	26.6	3.96	31.2	4.9	33.6	5.4	35.6	5.88	39.6	6.92	43.6	8.1
	23	21.8	3.32	26.6	4.2	31.2	5.2	33.6	5.74	35.6	6.26	39.6	7.38	43.6	8.66
	25	21.8	3.52	26.6	4.48	31.2	5.56	33.6	6.14	35.6	6.7	39.6	7.9	43.6	9.28
	27	21.8	3.76	26.6	4.78	31.2	5.94	33.6	6.58	35.6	7.18	39.6	8.48	43.6	9.98
	29	21.8	4.02	26.6	5.12	31.2	6.38	33.6	7.06	35.6	7.7	39.6	9.12	43.6	10.74
	31	21.8	4.3	26.6	5.5	31.2	6.86	33.6	7.6	35.6	8.3	39.6	9.82	43.6	11.58
	33	21.8	4.62	26.6	5.92	31.2	7.38	33.6	8.18	35.6	8.94	39.6	10.6	43.6	12.48
	35	21.8	4.98	26.6	6.38	31.2	7.96	33.6	8.82	35.6	9.64	39.6	11.44	43.6	13.48
	37	21.8	5.36	26.6	6.88	31.2	8.6	33.6	9.52	35.6	10.42	39.6	12.36	43.6	14.56
	39	21.8	5.8	26.6	7.44	31.2	9.28	33.6	10.28	35.6	11.24	39.6	13.34	43.6	15.72
	43	21.8	6.76	26.6	8.68	31.2	10.82	33.6	12	35.6	13.12	39.6	14.7	41.6	16.44
	46	21.8	7.58	26.6	9.72	30.4	11.42	31.4	11.92	32.4	13.08	34.6	13.88	36.6	15.62
48	21.8	8.18	24.6	9.18	27	10.86	28.2	11.36	29.2	12.54	31.2	13.34	33.2	15.06	
50	18.8	7.64	21.2	8.64	23.6	10.32	24.8	10.82	25.8	11.98	27.8	12.78	29.8	14.52	
50	10	18.2	1.98	22.2	2.5	26	3.04	28	3.34	29.6	3.62	33	4.22	36.4	4.88
	12	18.2	2.06	22.2	2.6	26	3.16	28	3.46	29.6	3.76	33	4.4	36.4	5.1
	14	18.2	2.14	22.2	2.7	26	3.3	28	3.62	29.6	3.94	33	4.6	36.4	5.36
	16	18.2	2.24	22.2	2.82	26	3.46	28	3.8	29.6	4.12	33	4.84	36.4	5.64
	18	18.2	2.34	22.2	2.96	26	3.62	28	4	29.6	4.34	33	5.1	36.4	5.96
	20	18.2	2.46	22.2	3.12	26	3.82	28	4.22	29.6	4.6	33	5.4	36.4	6.32
	21	18.2	2.52	22.2	3.2	26	3.94	28	4.34	29.6	4.72	33	5.56	36.4	6.52
	23	18.2	2.66	22.2	3.38	26	4.18	28	4.6	29.6	5.02	33	5.92	36.4	6.96
	25	18.2	2.82	22.2	3.6	26	4.44	28	4.9	29.6	5.36	33	6.32	36.4	7.44
	27	18.2	3	22.2	3.84	26	4.74	28	5.24	29.6	5.72	33	6.78	36.4	7.98
	29	18.2	3.2	22.2	4.1	26	5.08	28	5.62	29.6	6.14	33	7.26	36.4	8.56
	31	18.2	3.44	22.2	4.4	26	5.46	28	6.04	29.6	6.6	33	7.82	36.4	9.22
	33	18.2	3.68	22.2	4.72	26	5.86	28	6.5	29.6	7.1	33	8.42	36.4	9.94
	35	18.2	3.96	22.2	5.08	26	6.32	28	7	29.6	7.66	33	9.08	36.4	10.72
	37	18.2	4.26	22.2	5.48	26	6.82	28	7.56	29.6	8.26	33	9.8	36.4	11.58
	39	18.2	4.6	22.2	5.92	26	7.36	28	8.16	29.6	8.92	33	10.58	36.4	12.5
	43	18.2	5.36	22.2	6.9	26	8.58	28	9.52	29.6	10.42	33	12.34	36.4	14.58
	46	18.2	6.02	22.2	7.74	26	9.64	28	10.68	29.6	10.98	31.2	12.28	32.8	13.76
48	18.2	6.5	22.2	8.36	24.4	9.08	25.4	10.12	26.2	10.42	27.8	11.74	29.6	13.22	
50	17	6.48	19	7.8	21	8.54	22	9.58	22.8	9.88	24.4	11.2	26.2	12.66	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM200AXVDGH1EU

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)		Indoor Temperature (°C, DB)									
	DB	WB	16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	-25	-25.1	48	20.92	47	22.32	45.8	23.18	44.4	24.22	43.2	25.44
	-22	-22.2	54.8	22.48	53.8	23.88	52.6	24.74	51.2	25.78	50	26.98
	-20	-20.2	59.4	23.52	58.2	24.92	57.2	25.78	55.8	26.82	54.4	28.02
	-17	-17.3	66.2	25.08	65	26.46	64	27.34	62.6	28.38	59.8	29.24
	-15	-15.3	70.8	26.12	69.6	27.5	68.4	28.38	66.2	29.42	62	29.58
	-12	-12.4	77.6	27.68	76.4	29.06	73.6	29.58	69.6	29.94	65.4	30.1
	-10	-10.5	82	28.72	79.6	29.76	75.8	29.94	71.6	30.28	66	30.28
	-7	-7.6	86.8	29.94	83	30.28	77.8	30.28	72.6	30.28	67	30.28
	-5	-5.6	88.4	30.28	83.6	30.28	78.4	30.28	73.2	30.28	67.6	30.28
	-3	-3.7	89	30.28	84.2	30.28	79	30.28	73.8	30.28	68.2	30.28
	0	-0.7	89.8	30.28	85.2	30.28	80	30.28	74.8	30.28	68.8	28.9
	3	2.2	90.8	30.28	86	30.28	81	30.28	75.4	29.14	68.8	25.78
	5	4.1	91.4	30.28	86.6	30.28	81.6	30.28	75.4	27.04	68.8	23.94
	7	6	92.2	30.28	87.4	30.28	82	28.14	75.4	25.14	68.8	22.3
	9	7.9	92.8	30.28	87.6	28.9	82	26.24	75.4	23.48	68.8	20.86
11	9.8	93.4	29.58	87.6	26.98	82	24.52	75.4	22	68.8	19.58	
13	11.8	93.4	27.66	87.6	25.26	82	23	75.4	20.68	68.8	18.46	
15	13.7	93.4	25.96	87.6	23.74	82	21.66	75.4	19.5	68.8	17.46	
120	-25	-25.1	46.6	22.32	45.6	23.18	44.6	24.22	43.2	25.08	42	26.46
	-22	-22.2	53.4	23.88	52.4	24.74	51.4	25.78	50	26.64	48.8	28.02
	-20	-20.2	58	24.92	57	25.78	55.8	26.82	54.6	27.68	53.2	29.06
	-17	-17.3	64.8	26.46	63.8	27.34	62.6	28.38	60.6	29.24	56.6	29.58
	-15	-15.3	69.2	27.5	68.2	28.38	66.6	29.42	63	29.58	58.8	29.94
	-12	-12.4	76.2	29.06	73.6	29.58	70	29.94	66.4	30.1	61.2	30.28
	-10	-10.5	79.2	29.76	75.8	29.94	72.2	30.28	67	30.28	62	30.28
	-7	-7.6	82	30.28	77.4	30.28	73	30.28	68	30.28	62.8	30.28
	-5	-5.6	82.8	30.28	78	30.28	73.8	30.28	68.6	30.28	63.6	29.9
	-3	-3.7	83.4	30.28	78.6	30.28	74.4	30.28	69.2	30.28	63.6	27.6
	0	-0.7	84.2	30.28	79.6	30.28	75.2	30.28	69.6	27.78	63.6	24.54
	3	2.2	85.2	30.28	80.6	30.28	75.6	27.8	69.6	24.76	63.6	21.92
	5	4.1	85.8	30.28	81	28.5	75.6	25.8	69.6	23	63.6	20.38
	7	6	86.2	29.08	81	26.46	75.6	23.98	69.6	21.42	63.6	19
	9	7.9	86.2	27.08	81	24.68	75.6	22.38	69.6	20.04	63.6	17.8
11	9.8	86.2	25.28	81	23.08	75.6	20.96	69.6	18.8	63.6	16.74	
13	11.8	86.2	23.7	81	21.66	75.6	19.7	69.6	17.7	63.6	15.78	
15	13.7	86.2	22.28	81	20.4	75.6	18.58	69.6	16.74	63.6	14.96	
110	-25	-25.1	45.2	23.36	44.2	24.22	43.2	25.08	42.2	26.12	39.6	26.64
	-22	-22.2	52	24.92	51	25.78	50	26.64	49	27.68	46.4	28.2
	-20	-20.2	56.6	25.96	55.6	26.82	54.6	27.68	53.4	28.72	50.4	29.24
	-17	-17.3	63.4	27.5	62.4	28.38	60.8	29.24	57	29.58	53.8	29.76
	-15	-15.3	67.8	28.54	65.8	29.42	63	29.58	59.4	29.94	56	30.1
	-12	-12.4	72.4	29.76	69.2	29.94	66.4	30.1	61.8	30.28	57.2	30.28
	-10	-10.5	74.8	30.1	71	30.28	67	30.28	62.6	30.28	58	30.28
	-7	-7.6	76.2	30.28	72	30.28	68	30.28	63.4	30.28	58.2	27.42
	-5	-5.6	76.8	30.28	72.6	30.28	68.6	30.28	63.8	28.7	58.2	25.3
	-3	-3.7	77.4	30.28	73.2	30.28	69.4	29.82	63.8	26.5	58.2	23.36
	0	-0.7	78.4	30.28	74.2	29.3	69.4	26.48	63.8	23.56	58.2	20.8
	3	2.2	79	28.76	74.2	26.1	69.4	23.62	63.8	21.04	58.2	18.6
	5	4.1	79	26.66	74.2	24.22	69.4	21.92	63.8	19.56	58.2	17.32
	7	6	79	24.76	74.2	22.52	69.4	20.42	63.8	18.24	58.2	16.18
	9	7.9	79	23.1	74.2	21.04	69.4	19.1	63.8	17.08	58.2	15.18
11	9.8	79	21.6	74.2	19.72	69.4	17.92	63.8	16.06	58.2	14.3	
13	11.8	79	20.28	74.2	18.54	69.4	16.88	63.8	15.16	58.2	13.52	
15	13.7	79	19.12	74.2	17.5	69.4	15.96	63.8	14.36	58.2	12.84	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM200AXVDGH1EU

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)		Indoor Temperature (°C, DB)									
	DB	WB	16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	-25	-25.1	43.8	24.74	42.8	25.6	42	26.62	39.4	26.64	37	26.82
	-22	-22.2	50.6	26.3	49.6	27.16	48.8	28.18	46.2	28.2	43.8	28.38
	-20	-20.2	55	27.34	54.2	28.2	53.4	29.06	50.4	29.24	47.4	29.42
	-17	-17.3	61.8	28.9	59.8	29.42	56.8	29.58	53.8	29.76	50.8	29.94
	-15	-15.3	64.6	29.58	62	29.76	59.2	29.94	56.2	30.1	52.2	30.28
	-12	-12.4	68	30.1	65.2	30.28	61.4	30.28	57.4	30.28	53	28.32
	-10	-10.5	69.4	30.28	65.8	30.28	62	30.28	58	29.66	53	26.08
	-7	-7.6	70.2	30.28	66.8	30.28	63	29.52	58	26.24	53	23.08
	-5	-5.6	70.8	30.28	67.4	30.16	63	27.22	58	24.2	53	21.3
	-3	-3.7	71.6	30.28	67.4	27.84	63	25.14	58	22.36	53	19.7
	0	-0.7	71.8	27.28	67.4	24.74	63	22.36	58	19.9	53	17.56
	3	2.2	71.8	24.3	67.4	22.06	63	19.96	58	17.8	53	15.74
	5	4.1	71.8	22.56	67.4	20.5	63	18.56	58	16.58	53	14.66
	7	6	71.8	21	67.4	19.1	63	17.32	58	15.48	53	13.72
	9	7.9	71.8	19.62	67.4	17.88	63	16.24	58	14.52	53	12.9
11	9.8	71.8	18.4	67.4	16.78	63	15.26	58	13.68	53	12.16	
13	11.8	71.8	17.32	67.4	15.82	63	14.4	58	12.94	53	11.52	
15	13.7	71.8	16.36	67.4	14.98	63	13.66	58	12.28	53	10.96	
90	-25	-25.1	42.4	25.96	40.8	26.46	38.8	26.64	36.6	26.82	34.2	27.16
	-22	-22.2	49.2	27.5	47.6	28.02	45.6	28.2	43.4	28.38	41	28.72
	-20	-20.2	53.6	28.54	52	29.06	49.8	29.24	47.2	29.42	44.2	29.42
	-17	-17.3	58	29.42	55.4	29.58	53.2	29.76	50.6	29.94	47.6	29.94
	-15	-15.3	60.4	29.76	57.8	29.94	55.6	30.1	51.8	30.28	47.6	27.56
	-12	-12.4	62.8	30.28	59.4	30.28	56.4	30.28	52.2	27.62	47.6	24.34
	-10	-10.5	63.4	30.28	60	30.28	56.8	28.66	52.2	25.44	47.6	22.42
	-7	-7.6	64.4	30.28	60.6	28.12	56.8	25.36	52.2	22.52	47.6	19.86
	-5	-5.6	64.6	28.64	60.6	25.94	56.8	23.4	52.2	20.78	47.6	18.34
	-3	-3.7	64.6	26.44	60.6	23.94	56.8	21.62	52.2	19.2	47.6	16.96
	0	-0.7	64.6	23.5	60.6	21.3	56.8	19.24	52.2	17.12	47.6	15.14
	3	2.2	64.6	20.98	60.6	19.04	56.8	17.22	52.2	15.34	47.6	13.58
	5	4.1	64.6	19.5	60.6	17.72	56.8	16.04	52.2	14.3	47.6	12.68
	7	6	64.6	18.18	60.6	16.54	56.8	14.98	52.2	13.38	47.6	11.88
	9	7.9	64.6	17.02	60.6	15.5	56.8	14.06	52.2	12.58	47.6	11.18
11	9.8	64.6	16	60.6	14.6	56.8	13.24	52.2	11.86	47.6	10.58	
13	11.8	64.6	15.1	60.6	13.78	56.8	12.54	52.2	11.24	47.6	10.02	
15	13.7	64.6	14.3	60.6	13.08	56.8	11.9	52.2	10.7	47.6	9.56	
80	-25	-25.1	39.2	26.64	37.4	26.82	35.6	26.98	33.6	26	31.6	24.16
	-22	-22.2	46	28.2	44.2	28.38	42.4	28.54	40.4	27.56	38.2	25.72
	-20	-20.2	50	29.24	47.8	29.42	46	29.58	43.4	28.24	40.4	26.08
	-17	-17.3	53.6	29.76	51.2	29.94	49.4	30.1	46.4	28.76	42.4	25.34
	-15	-15.3	55.8	30.1	53	30.28	50.4	29.84	46.4	26.48	42.4	23.34
	-12	-12.4	56.8	30.28	54	29.28	50.4	26.36	46.4	23.4	42.4	20.62
	-10	-10.5	57.4	29.78	54	26.96	50.4	24.28	46.4	21.56	42.4	19
	-7	-7.6	57.4	26.34	54	23.86	50.4	21.5	46.4	19.1	42.4	16.84
	-5	-5.6	57.4	24.3	54	22.02	50.4	19.86	46.4	17.64	42.4	15.56
	-3	-3.7	57.4	22.44	54	20.36	50.4	18.36	46.4	16.32	42.4	14.42
	0	-0.7	57.4	20	54	18.14	50.4	16.38	46.4	14.58	42.4	12.88
	3	2.2	57.4	17.88	54	16.24	50.4	14.68	46.4	13.1	42.4	11.58
	5	4.1	57.4	16.66	54	15.14	50.4	13.7	46.4	12.22	42.4	10.84
	7	6	57.4	15.56	54	14.16	50.4	12.82	46.4	11.46	42.4	10.16
	9	7.9	57.4	14.6	54	13.3	50.4	12.06	46.4	10.8	42.4	9.58
11	9.8	57.4	13.76	54	12.56	50.4	11.38	46.4	10.22	42.4	9.08	
13	11.8	57.4	13.02	54	11.88	50.4	10.8	46.4	9.7	42.4	8.62	
15	13.7	57.4	12.36	54	11.3	50.4	10.28	46.4	9.24	42.4	8.24	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM200AXVDGH1EU

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)		Indoor Temperature (°C, DB)									
	DB	WB	16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	-25	-25.1	35.6	27.34	34	27.26	32.6	24.28	30.8	22.76	29	21.28
	-22	-22.2	42.4	28.9	40.8	28.82	39.4	25.84	37	24.32	34.4	22.48
	-20	-20.2	45.6	29.58	44	29.5	41.8	26.54	39.2	24.66	36.6	22.84
	-17	-17.3	49	30.1	47.2	30.02	44.2	27.06	40.6	24	37	21.18
	-15	-15.3	50	30.28	47.2	27.64	44.2	24.9	40.6	22.1	37	19.5
	-12	-12.4	50.2	26.98	47.2	24.42	44.2	22	40.6	19.52	37	17.24
	-10	-10.5	50.2	24.86	47.2	22.5	44.2	20.28	40.6	18	37	15.9
	-7	-7.6	50.2	22	47.2	19.92	44.2	17.96	40.6	15.96	37	14.1
	-5	-5.6	50.2	20.32	47.2	18.4	44.2	16.6	40.6	14.76	37	13.04
	-3	-3.7	50.2	18.78	47.2	17.02	44.2	15.36	40.6	13.66	37	12.08
	0	-0.7	50.2	16.76	47.2	15.2	44.2	13.74	40.6	12.22	37	10.82
	3	2.2	50.2	15.02	47.2	13.64	44.2	12.34	40.6	11	37	9.74
	5	4.1	50.2	14.02	47.2	12.74	44.2	11.54	40.6	10.3	37	9.14
	7	6	50.2	13.12	47.2	11.94	44.2	10.82	40.6	9.66	37	8.58
	9	7.9	50.2	12.34	47.2	11.24	44.2	10.2	40.6	9.12	37	8.1
11	9.8	50.2	11.66	47.2	10.64	44.2	9.66	40.6	8.64	37	7.7	
13	11.8	50.2	11.06	47.2	10.1	44.2	9.18	40.6	8.22	37	7.34	
15	13.7	50.2	10.52	47.2	9.62	44.2	8.76	40.6	7.86	37	7.02	
60	-25	-25.1	32	26.04	30.8	23.34	29.4	22.34	27.8	20.7	26.4	18.4
	-22	-22.2	38.8	27.6	36.8	24.9	35	23.56	32.8	21.9	30.6	19.26
	-20	-20.2	41	27.96	39.2	25.24	37.2	23.9	34.8	22.26	31.8	19.6
	-17	-17.3	43.2	27.16	40.4	24.54	37.8	22.16	34.8	19.66	31.8	17.32
	-15	-15.3	43.2	25	40.4	22.6	37.8	20.4	34.8	18.1	31.8	15.94
	-12	-12.4	43.2	22.08	40.4	19.98	37.8	18.04	34.8	16	31.8	14.1
	-10	-10.5	43.2	20.36	40.4	18.4	37.8	16.62	34.8	14.76	31.8	13.02
	-7	-7.6	43.2	18.04	40.4	16.32	37.8	14.74	34.8	13.1	31.8	11.56
	-5	-5.6	43.2	16.66	40.4	15.08	37.8	13.64	34.8	12.12	31.8	10.7
	-3	-3.7	43.2	15.42	40.4	13.98	37.8	12.64	34.8	11.24	31.8	9.92
	0	-0.7	43.2	13.78	40.4	12.5	37.8	11.32	34.8	10.06	31.8	8.9
	3	2.2	43.2	12.38	40.4	11.24	37.8	10.18	34.8	9.08	31.8	8.04
	5	4.1	43.2	11.58	40.4	10.52	37.8	9.54	34.8	8.5	31.8	7.54
	7	6	43.2	10.86	40.4	9.88	37.8	8.96	34.8	8	31.8	7.1
	9	7.9	43.2	10.24	40.4	9.32	37.8	8.46	34.8	7.56	31.8	6.72
11	9.8	43.2	9.7	40.4	8.84	37.8	8.02	34.8	7.18	31.8	6.4	
13	11.8	43.2	9.22	40.4	8.42	37.8	7.64	34.8	6.86	31.8	6.1	
15	13.7	43.2	8.8	40.4	8.04	37.8	7.32	34.8	6.56	31.8	5.86	
50	-25	-25.1	28.4	21.7	27.4	20.54	26.2	19.74	25	17.4	23.4	16.48
	-22	-22.2	33.6	22.92	32	21.74	30.4	20.62	28.6	18.28	26.4	17
	-20	-20.2	35.8	23.26	33.8	22.1	31.6	19.94	29	17.7	26.4	15.64
	-17	-17.3	36	21.58	33.8	19.52	31.6	17.62	29	15.64	26.4	13.82
	-15	-15.3	36	19.86	33.8	17.96	31.6	16.22	29	14.4	26.4	12.72
	-12	-12.4	36	17.56	33.8	15.88	31.6	14.34	29	12.74	26.4	11.26
	-10	-10.5	36	16.2	33.8	14.66	31.6	13.24	29	11.76	26.4	10.38
	-7	-7.6	36	14.36	33.8	13	31.6	11.74	29	10.44	26.4	9.24
	-5	-5.6	36	13.28	33.8	12.04	31.6	10.88	29	9.66	26.4	8.56
	-3	-3.7	36	12.32	33.8	11.16	31.6	10.08	29	8.98	26.4	7.94
	0	-0.7	36	11.04	33.8	10	31.6	9.06	29	8.06	26.4	7.14
	3	2.2	36	9.94	33.8	9.02	31.6	8.18	29	7.28	26.4	6.46
	5	4.1	36	9.32	33.8	8.46	31.6	7.66	29	6.84	26.4	6.06
	7	6	36	8.76	33.8	7.96	31.6	7.22	29	6.44	26.4	5.72
	9	7.9	36	8.28	33.8	7.54	31.6	6.84	29	6.1	26.4	5.42
11	9.8	36	7.86	33.8	7.16	31.6	6.5	29	5.8	26.4	5.16	
13	11.8	36	7.5	33.8	6.82	31.6	6.2	29	5.54	26.4	4.94	
15	13.7	36	7.18	33.8	6.54	31.6	5.94	29	5.32	26.4	4.74	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM220AXVDGH1EU

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)	Indoor Temperature (°C, WB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	10	52.1	7.26	63.3	8.93	74.5	10.77	80.1	11.74	84.9	12.69	94.5	14.8	104.1	17.22
	12	52.1	7.6	63.3	9.39	74.5	11.37	80.1	12.44	84.9	13.48	94.5	15.76	104.1	18.42
	14	52.1	7.98	63.3	9.92	74.5	12.06	80.1	13.23	84.9	14.36	94.5	16.84	104.1	19.73
	16	52.1	8.41	63.3	10.5	74.5	12.84	80.1	14.1	84.9	15.33	94.5	18.04	104.1	21.19
	18	52.1	8.9	63.3	11.17	74.5	13.69	80.1	15.08	84.9	16.42	94.5	19.37	104.1	22.8
	20	52.1	9.45	63.3	11.91	74.5	14.66	80.1	16.16	84.9	17.62	94.5	20.84	103.8	23.98
	21	52.1	9.75	63.3	12.32	74.5	15.19	80.1	16.75	84.9	18.27	94.5	21.62	102.7	24.05
	23	52.1	10.41	63.3	13.18	74.5	16.31	80.1	18.02	84.9	19.67	94.5	23.3	100.3	24.18
	25	52.1	11.13	63.3	14.16	74.5	17.55	80.1	19.41	84.9	21.19	93.3	23.7	96.8	23.61
	27	52.1	11.94	63.3	15.23	74.5	18.9	80.1	20.92	84.9	22.86	90.9	23.83	93.2	23.03
	29	52.1	12.83	63.3	16.39	74.5	20.39	80.1	22.58	83.8	23.25	87.5	23.25	89.5	22.45
	31	52.1	13.82	63.3	17.68	74.5	22.01	79.1	23.53	81.6	23.39	83.8	22.68	85.8	21.87
	33	52.1	14.9	63.3	19.08	74	22.93	76.8	23.66	78.3	22.81	80.2	22.1	82.1	21.3
	35	52.1	16.07	63.3	20.6	71.7	23.07	73.6	23.08	74.6	22.23	76.5	21.52	78.3	20.72
	37	52.1	17.35	63.3	22.25	68.8	22.84	69.9	22.51	70.8	21.65	72.8	20.94	74.7	20.14
	39	52.1	18.74	61.5	22.37	65.1	22.26	66.2	21.92	67.1	21.08	69.1	20.37	71	19.57
	43	50	20.08	55.4	21.93	57.7	21.11	58.8	20.78	59.8	19.92	61.7	19.21	63.6	18.41
	46	44.8	19.22	49.9	21.07	52.1	20.24	53.2	19.91	54.3	19.06	56.1	18.35	58.1	17.55
	48	41.1	18.64	46.2	20.48	48.4	19.67	49.5	19.33	50.5	18.48	52.5	17.77	54.3	16.97
	50	37.4	18.07	42.5	19.91	44.8	19.09	45.9	18.75	46.8	17.9	48.8	17.19	50.6	16.39
120	10	48	6.51	58.4	8.03	68.8	9.66	73.9	10.54	78.3	11.38	87.3	13.24	96.1	15.37
	12	48	6.81	58.4	8.42	68.8	10.19	73.9	11.13	78.3	12.05	87.3	14.07	96.1	16.38
	14	48	7.13	58.4	8.87	68.8	10.77	73.9	11.8	78.3	12.81	87.3	14.99	96.1	17.51
	16	48	7.51	58.4	9.37	68.8	11.44	73.9	12.55	78.3	13.64	87.3	16.02	96.1	18.77
	18	48	7.93	58.4	9.95	68.8	12.19	73.9	13.4	78.3	14.58	87.3	17.17	96.1	20.16
	20	48	8.41	58.4	10.59	68.8	13.02	73.9	14.34	78.3	15.62	87.3	18.44	96.1	21.7
	21	48	8.66	58.4	10.94	68.8	13.47	73.9	14.85	78.3	16.19	87.3	19.13	96.1	22.52
	23	48	9.23	58.4	11.7	68.8	14.45	73.9	15.95	78.3	17.4	87.3	20.59	96.1	24.27
	25	48	9.87	58.4	12.54	68.8	15.53	73.9	17.16	78.3	18.74	87.3	22.2	94.1	24.4
	27	48	10.57	58.4	13.47	68.8	16.71	73.9	18.48	78.3	20.19	87.2	23.38	91.5	24.18
	29	48	11.35	58.4	14.5	68.8	18.02	73.9	19.94	78.3	21.8	85.1	23.52	87.9	23.6
	31	48	12.21	58.4	15.62	68.8	19.44	73.9	21.52	78.2	22.96	82.4	23.29	84.2	23.02
	33	48	13.15	58.4	16.85	68.8	20.99	73.7	22.68	76	23.1	78.7	22.72	80.5	22.45
	35	48	14.19	58.4	18.19	68.7	22.12	71.4	22.82	73.2	22.88	75	22.14	76.8	21.87
	37	48	15.32	58.4	19.65	66.6	22.26	68.6	22.59	69.5	22.29	71.3	21.56	73.1	21.29
	39	48	16.54	58.4	20.69	64	22.03	64.9	22.01	65.8	21.72	67.7	20.98	69.4	20.72
	43	47	18.34	53.5	20.61	56.5	20.88	57.6	20.86	58.5	20.57	60.2	19.83	62	19.56
	46	42.8	18.03	47.9	19.74	51	20.01	52.1	19.99	53	19.71	54.7	18.96	56.5	18.69
	48	39.1	17.45	44.2	19.16	47.3	19.43	48.4	19.42	49.2	19.12	51	18.39	52.8	18.12
	50	35.4	16.87	40.6	18.59	43.6	18.85	44.6	18.84	45.5	18.55	47.3	17.81	49.1	17.54
110	10	44	5.81	53.5	7.18	63	8.65	67.8	9.42	71.9	10.18	79.9	11.83	88.1	13.69
	12	44	6.07	53.5	7.52	63	9.1	67.8	9.93	71.9	10.74	79.9	12.52	88.1	14.55
	14	44	6.35	53.5	7.9	63	9.6	67.8	10.51	71.9	11.38	79.9	13.3	88.1	15.51
	16	44	6.67	53.5	8.34	63	10.16	67.8	11.15	71.9	12.1	79.9	14.19	88.1	16.59
	18	44	7.03	53.5	8.82	63	10.8	67.8	11.87	71.9	12.9	79.9	15.17	88.1	17.78
	20	44	7.44	53.5	9.37	63	11.52	67.8	12.68	71.9	13.79	79.9	16.27	88.1	19.09
	21	44	7.67	53.5	9.67	63	11.91	67.8	13.11	71.9	14.28	79.9	16.86	88.1	19.81
	23	44	8.15	53.5	10.32	63	12.75	67.8	14.07	71.9	15.33	79.9	18.13	88.1	21.33
	25	44	8.7	53.5	11.05	63	13.68	67.8	15.12	71.9	16.48	79.9	19.52	88.1	22.99
	27	44	9.31	53.5	11.87	63	14.71	67.8	16.27	71.9	17.76	79.9	21.05	87.8	24.23
	29	44	9.99	53.5	12.75	63	15.85	67.8	17.54	71.9	19.15	79.9	22.72	85.4	24.36
	31	44	10.74	53.5	13.73	63	17.08	67.8	18.92	71.9	20.66	79.1	23.66	82.6	24.14
	33	44	11.56	53.5	14.81	63	18.44	67.8	20.42	71.9	22.31	76.7	23.8	78.9	23.56
	35	44	12.46	53.5	15.98	63	19.91	67.8	22.05	70.4	22.69	73.6	23.21	75.2	22.99
	37	44	13.45	53.5	17.26	63	21.5	66.1	22.19	68	22.83	69.9	22.64	71.5	22.41
	39	44	14.52	53.5	18.64	61.4	21.63	63.7	22.31	64.6	22.25	66.2	22.07	67.8	21.83
	43	43.9	16.5	50.9	19.76	55.4	21.19	56.3	21.16	57.2	21.1	58.7	20.91	60.4	20.68
	46	40.8	16.65	45.5	18.89	49.9	20.32	50.8	20.3	51.6	20.23	53.2	20.04	54.9	19.82
	48	37.1	16.07	41.8	18.32	46.2	19.75	47.1	19.71	47.9	19.66	49.5	19.47	51.2	19.23
	50	33.4	15.49	38.1	17.74	42.4	19.17	43.4	19.14	44.2	19.07	45.9	18.88	47.5	18.66

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM220AXVDGH1EU

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)	Indoor Temperature (°C, WB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	10	40	5.16	48.6	6.38	57.3	7.69	61.6	8.39	65.3	9.07	72.7	10.52	80.1	12.16
	12	40	5.37	48.6	6.67	57.3	8.07	61.6	8.82	65.3	9.55	72.7	11.1	80.1	12.87
	14	40	5.61	48.6	6.99	57.3	8.5	61.6	9.3	65.3	10.08	72.7	11.77	80.1	13.69
	16	40	5.89	48.6	7.36	57.3	8.98	61.6	9.84	65.3	10.69	72.7	12.51	80.1	14.59
	18	40	6.19	48.6	7.78	57.3	9.52	61.6	10.46	65.3	11.37	72.7	13.34	80.1	15.61
	20	40	6.55	48.6	8.24	57.3	10.13	61.6	11.15	65.3	12.13	72.7	14.28	80.1	16.74
	21	40	6.74	48.6	8.5	57.3	10.46	61.6	11.53	65.3	12.54	72.7	14.78	80.1	17.35
	23	40	7.16	48.6	9.06	57.3	11.18	61.6	12.33	65.3	13.44	72.7	15.87	80.1	18.65
	25	40	7.63	48.6	9.68	57.3	11.98	61.6	13.23	65.3	14.44	72.7	17.07	80.1	20.09
	27	40	8.15	48.6	10.38	57.3	12.88	61.6	14.23	65.3	15.53	72.7	18.38	80.1	21.66
	29	40	8.73	48.6	11.15	57.3	13.85	61.6	15.31	65.3	16.73	72.7	19.83	80.1	23.38
	31	40	9.39	48.6	11.99	57.3	14.93	61.6	16.52	65.3	18.05	72.7	21.4	79.1	24.35
	33	40	10.09	48.6	12.92	57.3	16.1	61.6	17.83	65.3	19.47	72.7	23.11	76.8	24.48
	35	40	10.88	48.6	13.94	57.3	17.38	61.6	19.24	65.3	21.03	70.8	23.23	73.6	23.91
	37	40	11.74	48.6	15.05	57.3	18.77	61.6	20.78	64.8	21.92	68.4	23.01	69.9	23.32
	39	40	12.68	48.6	16.25	57.3	20.27	60.6	21.66	62.5	22.05	64.7	22.44	66.2	22.75
	43	40	14.79	47.4	18.02	53	20.39	55.1	21.35	55.9	21.25	57.4	21.28	58.8	21.59
	46	38.2	15.33	43.1	17.7	47.4	19.53	49.5	20.48	50.3	20.38	51.8	20.42	53.2	20.73
48	35.1	14.75	39.4	17.12	43.7	18.95	45.9	19.9	46.6	19.81	48.1	19.84	49.5	20.15	
50	31.4	14.17	35.7	16.54	40	18.37	42.2	19.33	42.9	19.24	44.4	19.26	45.9	19.58	
90	10	36.1	4.46	43.8	5.53	51.5	6.67	55.4	7.28	58.8	7.86	65.4	9.13	72.1	10.54
	12	36.1	4.64	43.8	5.77	51.5	6.99	55.4	7.63	58.8	8.26	65.4	9.6	72.1	11.13
	14	36.1	4.84	43.8	6.04	51.5	7.33	55.4	8.03	58.8	8.7	65.4	10.15	72.1	11.79
	16	36.1	5.06	43.8	6.34	51.5	7.73	55.4	8.47	58.8	9.2	65.4	10.76	72.1	12.54
	18	36.1	5.32	43.8	6.68	51.5	8.17	55.4	8.98	58.8	9.76	65.4	11.44	72.1	13.37
	20	36.1	5.61	43.8	7.07	51.5	8.68	55.4	9.54	58.8	10.38	65.4	12.22	72.1	14.31
	21	36.1	5.77	43.8	7.28	51.5	8.95	55.4	9.86	58.8	10.73	65.4	12.63	72.1	14.81
	23	36.1	6.11	43.8	7.75	51.5	9.56	55.4	10.53	58.8	11.48	65.4	13.54	72.1	15.9
	25	36.1	6.51	43.8	8.27	51.5	10.22	55.4	11.28	58.8	12.3	65.4	14.53	72.1	17.09
	27	36.1	6.94	43.8	8.85	51.5	10.97	55.4	12.11	58.8	13.22	65.4	15.64	72.1	18.41
	29	36.1	7.43	43.8	9.49	51.5	11.78	55.4	13.03	58.8	14.22	65.4	16.85	72.1	19.85
	31	36.1	7.97	43.8	10.2	51.5	12.68	55.4	14.03	58.8	15.33	65.4	18.18	72.1	21.42
	33	36.1	8.57	43.8	10.99	51.5	13.67	55.4	15.13	58.8	16.53	65.4	19.62	72.1	23.14
	35	36.1	9.23	43.8	11.84	51.5	14.75	55.4	16.33	58.8	17.85	65.4	21.18	70.5	23.26
	37	36.1	9.96	43.8	12.78	51.5	15.93	55.4	17.64	58.8	19.28	64.9	22.08	68.2	23.4
	39	36.1	10.75	43.8	13.8	51.5	17.2	55.4	19.04	58.7	20.31	62.6	22.21	64.6	22.82
	43	36.1	12.53	43.7	15.67	49.7	18.42	52.1	19.35	53.7	20.22	55.9	21.41	57.2	21.67
	46	35.2	13.3	40.7	15.79	44.6	17.55	46.4	18.49	48.1	19.35	50.3	20.55	51.7	20.8
48	33.1	13.17	37	15.2	40.9	16.98	42.8	17.9	44.4	18.78	46.6	19.96	47.9	20.23	
50	29.4	12.59	33.2	14.63	37.2	16.4	39.1	17.33	40.7	18.2	42.9	19.39	44.2	19.64	
80	10	32.1	3.82	38.9	4.75	45.8	5.76	49.3	6.27	52.2	6.79	58.1	7.87	64	9.1
	12	32.1	3.96	38.9	4.95	45.8	6	49.3	6.57	52.2	7.1	58.1	8.26	64	9.57
	14	32.1	4.13	38.9	5.17	45.8	6.28	49.3	6.89	52.2	7.46	58.1	8.7	64	10.1
	16	32.1	4.32	38.9	5.41	45.8	6.6	49.3	7.25	52.2	7.86	58.1	9.2	64	10.7
	18	32.1	4.53	38.9	5.69	45.8	6.97	49.3	7.66	52.2	8.32	58.1	9.74	64	11.38
	20	32.1	4.76	38.9	6.01	45.8	7.38	49.3	8.13	52.2	8.83	58.1	10.38	64	12.15
	21	32.1	4.89	38.9	6.19	45.8	7.6	49.3	8.38	52.2	9.12	58.1	10.72	64	12.56
	23	32.1	5.18	38.9	6.57	45.8	8.1	49.3	8.93	52.2	9.73	58.1	11.46	64	13.45
	25	32.1	5.51	38.9	7	45.8	8.65	49.3	9.55	52.2	10.4	58.1	12.29	64	14.44
	27	32.1	5.86	38.9	7.47	45.8	9.26	49.3	10.23	52.2	11.16	58.1	13.2	64	15.53
	29	32.1	6.27	38.9	8	45.8	9.94	49.3	10.99	52.2	12	58.1	14.21	64	16.73
	31	32.1	6.72	38.9	8.59	45.8	10.69	49.3	11.83	52.2	12.91	58.1	15.31	64	18.04
	33	32.1	7.22	38.9	9.25	45.8	11.51	49.3	12.75	52.2	13.92	58.1	16.5	64	19.47
	35	32.1	7.77	38.9	9.96	45.8	12.41	49.3	13.75	52.2	15.02	58.1	17.82	64	21.02
	37	32.1	8.38	38.9	10.75	45.8	13.4	49.3	14.84	52.2	16.22	58.1	19.24	64	22.7
	39	32.1	9.04	38.9	11.6	45.8	14.47	49.3	16.03	52.2	17.51	58.1	20.78	61.8	22.83
	43	32.1	10.54	38.9	13.53	45.3	16.43	48	17.76	50	18.76	53.4	20.69	55.6	22.03
	46	32.1	11.83	37.4	14.38	41.7	16.07	43.4	17.25	44.9	17.9	47.9	19.82	50.1	21.16
48	30.4	12.05	34.5	13.8	38	15.49	39.7	16.68	41.2	17.31	44.2	19.25	46.4	20.59	
50	27.4	11.48	30.8	13.22	34.3	14.91	36	16.1	37.5	16.74	40.5	18.67	42.7	20.02	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM220AXVDGH1EU

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)	Indoor Temperature (°C, WB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	10	28	3.23	34.1	4.04	40.1	4.89	43.1	5.35	45.7	5.79	50.9	6.73	56.1	7.77
	12	28	3.35	34.1	4.2	40.1	5.09	43.1	5.57	45.7	6.04	50.9	7.03	56.1	8.15
	14	28	3.49	34.1	4.36	40.1	5.32	43.1	5.83	45.7	6.32	50.9	7.37	56.1	8.57
	16	28	3.63	34.1	4.57	40.1	5.58	43.1	6.13	45.7	6.64	50.9	7.77	56.1	9.05
	18	28	3.8	34.1	4.8	40.1	5.87	43.1	6.45	45.7	7.01	50.9	8.22	56.1	9.59
	20	28	4	34.1	5.05	40.1	6.2	43.1	6.83	45.7	7.42	50.9	8.72	56.1	10.2
	21	28	4.1	34.1	5.19	40.1	6.39	43.1	7.03	45.7	7.65	50.9	8.99	56.1	10.53
	23	28	4.34	34.1	5.5	40.1	6.79	43.1	7.48	45.7	8.15	50.9	9.6	56.1	11.25
	25	28	4.6	34.1	5.85	40.1	7.22	43.1	7.97	45.7	8.7	50.9	10.27	56.1	12.05
	27	28	4.89	34.1	6.24	40.1	7.73	43.1	8.53	45.7	9.31	50.9	11.01	56.1	12.95
	29	28	5.22	34.1	6.67	40.1	8.28	43.1	9.15	45.7	9.99	50.9	11.83	56.1	13.92
	31	28	5.59	34.1	7.16	40.1	8.9	43.1	9.83	45.7	10.75	50.9	12.73	56.1	15
	33	28	6	34.1	7.7	40.1	9.57	43.1	10.58	45.7	11.57	50.9	13.72	56.1	16.18
	35	28	6.45	34.1	8.28	40.1	10.31	43.1	11.41	45.7	12.48	50.9	14.8	56.1	17.46
	37	28	6.95	34.1	8.93	40.1	11.13	43.1	12.31	45.7	13.47	50.9	15.98	56.1	18.85
	39	28	7.5	34.1	9.64	40.1	12.01	43.1	13.3	45.7	14.54	50.9	17.26	56.1	20.36
	43	28	8.74	34.1	11.24	40.1	14.01	43.1	15.5	45.2	16.53	49.2	18.68	52.3	20.49
	46	28	9.81	33.7	12.25	38.4	14.5	40.3	15.59	41.6	16.16	44.2	17.82	46.8	19.63
48	27.3	10.26	32	12.51	35.1	13.92	36.7	15.02	38	15.59	40.5	17.23	43.1	19.04	
50	25.4	10.06	28.4	11.93	31.4	13.34	33	14.45	34.3	15.01	36.8	16.66	39.4	18.47	
60	10	24	2.69	29.2	3.36	34.4	4.09	37	4.48	39.2	4.85	43.6	5.65	48	6.54
	12	24	2.78	29.2	3.48	34.4	4.25	37	4.66	39.2	5.05	43.6	5.89	48	6.82
	14	24	2.88	29.2	3.62	34.4	4.43	37	4.86	39.2	5.27	43.6	6.15	48	7.16
	16	24	3	29.2	3.78	34.4	4.63	37	5.09	39.2	5.52	43.6	6.47	48	7.53
	18	24	3.14	29.2	3.96	34.4	4.87	37	5.35	39.2	5.82	43.6	6.81	48	7.96
	20	24	3.3	29.2	4.16	34.4	5.13	37	5.64	39.2	6.14	43.6	7.21	48	8.44
	21	24	3.38	29.2	4.27	34.4	5.27	37	5.8	39.2	6.32	43.6	7.43	48	8.7
	23	24	3.56	29.2	4.51	34.4	5.58	37	6.15	39.2	6.71	43.6	7.9	48	9.27
	25	24	3.77	29.2	4.79	34.4	5.94	37	6.55	39.2	7.15	43.6	8.43	48	9.9
	27	24	4.01	29.2	5.1	34.4	6.33	37	7	39.2	7.64	43.6	9.02	48	10.61
	29	24	4.27	29.2	5.45	34.4	6.78	37	7.49	39.2	8.18	43.6	9.68	48	11.39
	31	24	4.56	29.2	5.84	34.4	7.27	37	8.04	39.2	8.79	43.6	10.4	48	12.26
	33	24	4.89	29.2	6.27	34.4	7.81	37	8.65	39.2	9.45	43.6	11.21	48	13.2
	35	24	5.26	29.2	6.74	34.4	8.41	37	9.31	39.2	10.18	43.6	12.08	48	14.24
	37	24	5.66	29.2	7.26	34.4	9.07	37	10.04	39.2	10.99	43.6	13.04	48	15.37
	39	24	6.11	29.2	7.84	34.4	9.79	37	10.84	39.2	11.86	43.6	14.08	48	16.6
	43	24	7.12	29.2	9.14	34.4	11.41	37	12.65	39.2	13.83	43.6	15.99	47	18.41
	46	24	7.99	29.2	10.25	34	12.45	35.9	13.42	37.6	14.7	40.6	16.12	42.8	18.1
48	24	8.62	28.2	10.41	32.3	12.71	33.6	13.28	34.7	14.13	36.9	15.55	39.1	17.52	
50	22.5	8.71	26	10.22	28.6	12.13	29.9	12.71	31	13.55	33.2	14.96	35.4	16.94	
50	10	20	2.17	24.4	2.73	28.6	3.33	30.8	3.67	32.6	3.97	36.3	4.63	40	5.37
	12	20	2.25	24.4	2.83	28.6	3.46	30.8	3.8	32.6	4.12	36.3	4.81	40	5.59
	14	20	2.33	24.4	2.94	28.6	3.6	30.8	3.95	32.6	4.3	36.3	5.02	40	5.84
	16	20	2.43	24.4	3.06	28.6	3.76	30.8	4.13	32.6	4.48	36.3	5.25	40	6.13
	18	20	2.53	24.4	3.2	28.6	3.93	30.8	4.33	32.6	4.7	36.3	5.52	40	6.45
	20	20	2.65	24.4	3.36	28.6	4.13	30.8	4.55	32.6	4.96	36.3	5.82	40	6.81
	21	20	2.71	24.4	3.44	28.6	4.24	30.8	4.68	32.6	5.09	36.3	5.98	40	7.01
	23	20	2.85	24.4	3.63	28.6	4.48	30.8	4.94	32.6	5.39	36.3	6.35	40	7.45
	25	20	3.02	24.4	3.84	28.6	4.75	30.8	5.25	32.6	5.73	36.3	6.75	40	7.94
	27	20	3.2	24.4	4.09	28.6	5.06	30.8	5.59	32.6	6.1	36.3	7.21	40	8.49
	29	20	3.4	24.4	4.35	28.6	5.4	30.8	5.98	32.6	6.53	36.3	7.71	40	9.09
	31	20	3.64	24.4	4.66	28.6	5.79	30.8	6.41	32.6	7	36.3	8.28	40	9.76
	33	20	3.89	24.4	4.99	28.6	6.21	30.8	6.88	32.6	7.51	36.3	8.91	40	10.51
	35	20	4.18	24.4	5.36	28.6	6.68	30.8	7.4	32.6	8.09	36.3	9.59	40	11.32
	37	20	4.5	24.4	5.77	28.6	7.2	30.8	7.98	32.6	8.72	36.3	10.34	40	12.22
	39	20	4.85	24.4	6.23	28.6	7.77	30.8	8.61	32.6	9.41	36.3	11.16	40	13.19
	43	20	5.64	24.4	7.26	28.6	9.05	30.8	10.04	32.6	10.98	36.3	13.02	40	15.38
	46	20	6.33	24.4	8.14	28.6	10.16	30.8	11.26	32.6	11.97	35.4	13.83	38.2	15.96
48	20	6.84	24.4	8.79	27.8	10.31	29.5	11.46	30.9	12.2	33.2	13.71	35.1	15.39	
50	19.4	7.12	22.8	8.88	25.7	10.11	26.8	10.88	27.7	11.63	29.5	13.13	31.4	14.8	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM220AXVDGH1EU

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)		Indoor Temperature (°C, DB)									
	DB	WB	16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	-25	-25.1	54.3	22.45	53.1	23.46	51.9	24.51	50.4	25.86	49	27.1
	-22	-22.2	61.8	24.16	60.6	25.18	59.3	26.23	57.6	27.58	54.6	28.38
	-20	-20.2	66.8	25.31	65.6	26.32	64.4	27.37	61.3	28.3	58.1	29.11
	-17	-17.3	74.3	27.02	72.4	28.02	69.8	28.67	66.7	29.4	62.9	30.03
	-15	-15.3	78.6	27.95	76.1	28.75	73.4	29.4	69.9	30.12	65.3	30.41
	-12	-12.4	84	29.05	81.5	29.84	78	30.31	73.6	30.69	69.1	30.98
	-10	-10.5	87.6	29.77	84.5	30.4	80.5	30.69	76	31.07	70.7	31.28
	-7	-7.6	92.1	30.69	88.2	30.97	83.5	31.18	78.5	31.38	73.1	31.59
	-5	-5.6	94.2	31.07	89.9	31.18	85.2	31.38	79.9	31.59	73.8	31.59
	-3	-3.7	95.9	31.28	91.6	31.38	86.6	31.59	80.6	31.59	74.4	31.59
	0	-0.7	98.3	31.59	93.1	31.59	87.6	31.59	81.7	31.59	75.3	30.9
	3	2.2	99.3	31.59	94.1	31.59	88.7	31.59	82.5	31.02	75.7	28.24
	5	4.1	100	31.59	94.7	31.59	89.4	31.59	82.9	29.67	75.7	26.27
	7	6	100.8	31.59	95.5	31.59	90	30.52	82.9	27.62	75.7	24.5
	9	7.9	101.5	31.59	96	30.9	90.1	28.86	82.9	25.83	75.7	22.96
11	9.8	102.2	31.24	96.4	29.7	90.1	27.01	82.9	24.24	75.7	21.59	
13	11.8	102.5	30.28	96.4	27.85	90.1	25.37	82.9	22.82	75.7	20.39	
15	13.7	102.7	28.61	96.4	26.2	90.1	23.93	82.9	21.56	75.7	19.32	
120	-25	-25.1	52.8	23.77	51.6	24.51	50.5	25.66	49.1	26.92	47.2	27.92
	-22	-22.2	60.3	25.49	59.1	26.23	58	27.37	55.1	28.21	52.6	29.01
	-20	-20.2	65.3	26.63	64.1	27.37	61.6	28.3	58.7	28.94	56.2	29.74
	-17	-17.3	71.9	28.12	69.7	28.67	67	29.4	63.8	30.03	59.9	30.31
	-15	-15.3	75.5	28.85	73.3	29.4	70.4	30.12	66.3	30.41	62.4	30.69
	-12	-12.4	81	29.94	78	30.31	74.1	30.69	70.1	30.98	65.6	31.18
	-10	-10.5	83.9	30.5	80.5	30.69	76.6	31.07	71.7	31.28	67.4	31.38
	-7	-7.6	87.3	31.07	83.3	31.18	79	31.38	74.2	31.59	68.7	31.59
	-5	-5.6	89.1	31.28	85	31.38	80.6	31.59	74.9	31.59	69.5	31.4
	-3	-3.7	90.8	31.49	86.1	31.59	81.2	31.59	75.6	31.59	69.9	30.12
	0	-0.7	92.1	31.59	87.2	31.59	82.2	31.59	76.3	30.34	69.9	26.82
	3	2.2	93.2	31.59	88.3	31.59	83	30.35	76.5	27.14	69.9	24
	5	4.1	93.9	31.59	88.9	30.7	83.2	28.31	76.5	25.24	69.9	22.35
	7	6	94.4	30.99	89	29.07	83.2	26.35	76.5	23.54	69.9	20.88
	9	7.9	94.8	29.78	89	27.14	83.2	24.63	76.5	22.06	69.9	19.6
11	9.8	94.8	27.84	89	25.41	83.2	23.11	76.5	20.73	69.9	18.47	
13	11.8	94.8	26.13	89	23.88	83.2	21.76	76.5	19.56	69.9	17.46	
15	13.7	94.8	24.6	89	22.53	83.2	20.56	76.5	18.53	69.9	16.59	
110	-25	-25.1	51.2	24.92	50.1	25.86	49	26.71	47.6	27.75	44.2	28.21
	-22	-22.2	58.7	26.63	57.6	27.58	55.3	28.21	53	28.84	49.7	29.31
	-20	-20.2	63.3	27.77	61.2	28.3	59	28.94	56.6	29.57	53	30.03
	-17	-17.3	68.8	28.85	66.7	29.4	64.1	30.03	60.4	30.31	56.8	30.6
	-15	-15.3	72.3	29.58	69.8	30.12	66.6	30.41	63	30.69	59.2	30.98
	-12	-12.4	76.7	30.5	73.5	30.69	70.3	30.98	66.2	31.18	61.9	31.38
	-10	-10.5	79.2	30.88	75.8	31.07	72	31.28	68	31.38	63.4	31.59
	-7	-7.6	82	31.28	78.3	31.38	74.4	31.59	69.4	31.59	64	29.86
	-5	-5.6	83.6	31.49	79.5	31.59	75.1	31.59	70	30.8	64	27.57
	-3	-3.7	84.6	31.59	80.1	31.59	75.9	31.36	70.2	28.93	64	25.48
	0	-0.7	85.7	31.59	81.2	31.1	76.3	28.97	70.2	25.76	64	22.73
	3	2.2	86.5	30.83	81.6	28.6	76.3	25.87	70.2	23.04	64	20.37
	5	4.1	86.9	29.25	81.6	26.57	76.3	24.05	70.2	21.46	64	19
	7	6	86.9	27.2	81.6	24.74	76.3	22.43	70.2	20.04	64	17.78
	9	7.9	86.9	25.41	81.6	23.14	76.3	21.01	70.2	18.81	64	16.72
11	9.8	86.9	23.8	81.6	21.72	76.3	19.75	70.2	17.72	64	15.78	
13	11.8	86.9	22.38	81.6	20.46	76.3	18.64	70.2	16.76	64	14.96	
15	13.7	86.9	21.13	81.6	19.35	76.3	17.66	70.2	15.91	64	14.24	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM220AXVDGH1EU

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)		Indoor Temperature (°C, DB)									
	DB	WB	16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	-25	-25.1	49.7	26.23	48.6	27.18	47.2	28.1	44.2	28.21	41.4	27.88
	-22	-22.2	56.6	27.94	54.6	28.47	52.6	29.19	49.7	29.31	46.8	28.97
	-20	-20.2	60.2	28.67	58.2	29.2	56.3	29.84	53.1	30.03	50	29.7
	-17	-17.3	65.6	29.76	63.1	30.12	60	30.41	56.9	30.6	53.7	30.27
	-15	-15.3	68.4	30.31	65.5	30.5	62.6	30.8	59.4	30.98	55.8	30.64
	-12	-12.4	72.1	30.88	69.2	31.07	65.7	31.28	62.1	31.38	58.2	29.98
	-10	-10.5	74.2	31.18	70.8	31.28	67.4	31.49	63.4	31.28	58.3	28.33
	-7	-7.6	76.7	31.49	72.9	31.59	68.9	31.21	63.8	28.55	58.3	25.1
	-5	-5.6	77.5	31.59	73.6	31.53	69.3	29.69	63.8	26.35	58.3	23.18
	-3	-3.7	78.3	31.59	74	30.37	69.3	27.44	63.8	24.37	58.3	21.46
	0	-0.7	79	29.86	74.2	27.07	69.3	24.44	63.8	21.73	58.3	19.17
	3	2.2	79	26.64	74.2	24.18	69.3	21.86	63.8	19.48	58.3	17.22
	5	4.1	79	24.76	74.2	22.5	69.3	20.36	63.8	18.17	58.3	16.08
	7	6	79	23.08	74.2	20.99	69.3	19.03	63.8	17	58.3	15.08
	9	7.9	79	21.6	74.2	19.68	69.3	17.87	63.8	15.98	58.3	14.21
11	9.8	79	20.29	74.2	18.51	69.3	16.84	63.8	15.09	58.3	13.44	
13	11.8	79	19.14	74.2	17.48	69.3	15.92	63.8	14.31	58.3	12.77	
15	13.7	79	18.11	74.2	16.58	69.3	15.13	63.8	13.61	58.3	12.18	
90	-25	-25.1	48	27.67	45.8	28.02	43.6	28.21	40.9	28.24	37.9	27.12
	-22	-22.2	53.5	28.75	51.3	29.11	49	29.31	46.3	29.33	43.3	28.21
	-20	-20.2	57	29.48	54.8	29.84	52.5	30.03	49.6	30.06	46.3	28.76
	-17	-17.3	61.3	30.23	58.6	30.41	56.2	30.6	53.3	30.63	50	29.34
	-15	-15.3	63.8	30.6	61.1	30.8	58.8	30.98	55.3	31.01	51.4	28.35
	-12	-12.4	67.1	31.18	64	31.28	61.3	31.38	57.4	29.99	52.4	26.36
	-10	-10.5	68.7	31.38	65.6	31.49	62.2	30.78	57.4	27.63	52.4	24.3
	-7	-7.6	70.4	31.59	66.5	30.51	62.4	27.58	57.4	24.49	52.4	21.55
	-5	-5.6	70.9	30.77	66.7	28.28	62.4	25.47	57.4	22.62	52.4	19.92
	-3	-3.7	71.1	28.86	66.7	26.13	62.4	23.55	57.4	20.93	52.4	18.45
	0	-0.7	71.1	25.69	66.7	23.28	62.4	21.01	57.4	18.7	52.4	16.51
	3	2.2	71.1	22.97	66.7	20.85	62.4	18.84	57.4	16.79	52.4	14.85
	5	4.1	71.1	21.39	66.7	19.43	62.4	17.59	57.4	15.69	52.4	13.9
	7	6	71.1	19.97	66.7	18.17	62.4	16.46	57.4	14.71	52.4	13.05
	9	7.9	71.1	18.73	66.7	17.07	62.4	15.49	57.4	13.86	52.4	12.32
11	9.8	71.1	17.64	66.7	16.1	62.4	14.62	57.4	13.11	52.4	11.68	
13	11.8	71.1	16.68	66.7	15.24	62.4	13.88	57.4	12.45	52.4	11.11	
15	13.7	71.1	15.83	66.7	14.49	62.4	13.21	57.4	11.88	52.4	10.62	
80	-25	-25.1	43.9	28.21	42	28.4	39.7	27.57	37.1	25.95	34.5	24.59
	-22	-22.2	49.4	29.31	47.4	29.49	45.1	28.66	42.5	27.04	39.8	25.68
	-20	-20.2	52.7	30.03	50.6	30.21	48.3	29.39	45.4	27.59	42.3	26.07
	-17	-17.3	56.6	30.6	54.3	30.79	52	29.96	48.9	28.16	45.3	26.01
	-15	-15.3	59	30.98	56.6	31.16	53.9	30.04	50.3	27.23	46.6	25.22
	-12	-12.4	61.6	31.38	59.1	30.97	55.4	28.61	51	25.33	46.6	22.3
	-10	-10.5	62.8	31.34	59.4	29.26	55.4	26.36	51	23.35	46.6	20.56
	-7	-7.6	63.2	28.68	59.4	25.92	55.4	23.37	51	20.71	46.6	18.25
	-5	-5.6	63.2	26.48	59.4	23.95	55.4	21.6	51	19.15	46.6	16.89
	-3	-3.7	63.2	24.48	59.4	22.16	55.4	19.99	51	17.75	46.6	15.67
	0	-0.7	63.2	21.84	59.4	19.79	55.4	17.87	51	15.89	46.6	14.04
	3	2.2	63.2	19.58	59.4	17.76	55.4	16.07	51	14.32	46.6	12.67
	5	4.1	63.2	18.27	59.4	16.59	55.4	15.02	51	13.4	46.6	11.88
	7	6	63.2	17.1	59.4	15.55	55.4	14.09	51	12.59	46.6	11.17
	9	7.9	63.2	16.08	59.4	14.65	55.4	13.29	51	11.9	46.6	10.57
11	9.8	63.2	15.19	59.4	13.86	55.4	12.58	51	11.29	46.6	10.04	
13	11.8	63.2	14.41	59.4	13.15	55.4	11.96	51	10.75	46.6	9.57	
15	13.7	63.2	13.71	59.4	12.54	55.4	11.42	51	10.27	46.6	9.17	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM220AXVDGH1EU

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)		Indoor Temperature (°C, DB)									
	DB	WB	16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	-25	-25.1	39.6	28.11	37.6	27.22	35.7	24.9	33.3	23.16	31	21.46
	-22	-22.2	45.1	29.2	43	28.31	41.1	25.99	38.5	24.25	35.8	22.38
	-20	-20.2	48	29.75	46	28.85	43.7	26.55	40.9	24.63	38.2	22.76
	-17	-17.3	51.8	30.32	49.6	29.43	46.9	27.12	43.7	24.61	40.5	22.24
	-15	-15.3	53.6	30.62	51	28.44	48.3	26.25	44.6	23.86	40.7	21.04
	-12	-12.4	55.3	29.28	51.9	26.45	48.6	23.82	44.6	21.1	40.7	18.61
	-10	-10.5	55.3	26.99	51.9	24.38	48.6	21.96	44.6	19.47	40.7	17.18
	-7	-7.6	55.3	23.91	51.9	21.62	48.6	19.48	44.6	17.29	40.7	15.26
	-5	-5.6	55.3	22.1	51.9	19.99	48.6	18.03	44.6	16.01	40.7	14.13
	-3	-3.7	55.3	20.46	51.9	18.52	48.6	16.71	44.6	14.84	40.7	13.12
	0	-0.7	55.3	18.29	51.9	16.57	48.6	14.98	44.6	13.32	40.7	11.78
	3	2.2	55.3	16.44	51.9	14.92	48.6	13.5	44.6	12.03	40.7	10.65
	5	4.1	55.3	15.37	51.9	13.97	48.6	12.65	44.6	11.29	40.7	10.01
	7	6	55.3	14.42	51.9	13.12	48.6	11.89	44.6	10.62	40.7	9.43
	9	7.9	55.3	13.6	51.9	12.39	48.6	11.24	44.6	10.06	40.7	8.94
11	9.8	55.3	12.88	51.9	11.75	48.6	10.67	44.6	9.56	40.7	8.51	
13	11.8	55.3	12.25	51.9	11.19	48.6	10.17	44.6	9.12	40.7	8.14	
15	13.7	55.3	11.68	51.9	10.69	48.6	9.74	44.6	8.75	40.7	7.81	
60	-25	-25.1	35	25.81	33.3	23.73	31.5	22.5	29.5	20.84	27.6	18.85
	-22	-22.2	40.4	26.9	38.3	24.83	36.4	23.42	34.1	21.75	31.8	19.59
	-20	-20.2	42.9	27.29	40.9	25.2	38.8	23.8	36.4	22.14	33.7	19.97
	-17	-17.3	46	27.2	43.5	25.16	41.2	23.24	38.3	21.15	35	18.62
	-15	-15.3	47.4	26.33	44.5	24.4	41.6	21.97	38.3	19.48	35	17.15
	-12	-12.4	47.5	23.88	44.5	21.59	41.6	19.44	38.3	17.24	35	15.18
	-10	-10.5	47.5	22.03	44.5	19.9	41.6	17.93	38.3	15.92	35	14.03
	-7	-7.6	47.5	19.55	44.5	17.68	41.6	15.93	38.3	14.15	35	12.48
	-5	-5.6	47.5	18.08	44.5	16.36	41.6	14.76	38.3	13.11	35	11.57
	-3	-3.7	47.5	16.76	44.5	15.18	41.6	13.7	38.3	12.18	35	10.75
	0	-0.7	47.5	15.02	44.5	13.62	41.6	12.31	38.3	10.95	35	9.68
	3	2.2	47.5	13.55	44.5	12.29	41.6	11.12	38.3	9.92	35	8.78
	5	4.1	47.5	12.7	44.5	11.53	41.6	10.44	38.3	9.31	35	8.26
	7	6	47.5	11.94	44.5	10.86	41.6	9.84	38.3	8.79	35	7.8
	9	7.9	47.5	11.29	44.5	10.28	41.6	9.32	38.3	8.34	35	7.41
11	9.8	47.5	10.73	44.5	9.78	41.6	8.87	38.3	7.95	35	7.07	
13	11.8	47.5	10.23	44.5	9.34	41.6	8.48	38.3	7.61	35	6.77	
15	13.7	47.5	9.79	44.5	8.95	41.6	8.14	38.3	7.3	35	6.52	
50	-25	-25.1	30.3	21.84	28.9	20.68	27.4	19.69	25.8	17.81	24	16.16
	-22	-22.2	34.9	22.76	33.2	21.59	31.6	20.44	29.7	18.56	27.6	16.73
	-20	-20.2	37.4	23.14	35.5	21.98	33.5	20.31	31.2	18.48	28.9	16.26
	-17	-17.3	39.5	22.61	37.1	21	34.7	18.93	31.9	16.78	29.1	14.78
	-15	-15.3	39.6	21.37	37.1	19.34	34.7	17.44	31.9	15.46	29.1	13.61
	-12	-12.4	39.6	18.92	37.1	17.12	34.7	15.44	31.9	13.7	29.1	12.07
	-10	-10.5	39.6	17.46	37.1	15.81	34.7	14.26	31.9	12.65	29.1	11.14
	-7	-7.6	39.6	15.51	37.1	14.05	34.7	12.68	31.9	11.26	29.1	9.94
	-5	-5.6	39.6	14.37	37.1	13.03	34.7	11.76	31.9	10.45	29.1	9.22
	-3	-3.7	39.6	13.35	37.1	12.1	34.7	10.93	31.9	9.72	29.1	8.58
	0	-0.7	39.6	12	37.1	10.89	34.7	9.85	31.9	8.76	29.1	7.74
	3	2.2	39.6	10.86	37.1	9.86	34.7	8.93	31.9	7.95	29.1	7.04
	5	4.1	39.6	10.2	37.1	9.27	34.7	8.39	31.9	7.49	29.1	6.63
	7	6	39.6	9.62	37.1	8.75	34.7	7.93	31.9	7.08	29.1	6.28
	9	7.9	39.6	9.12	37.1	8.31	34.7	7.54	31.9	6.73	29.1	5.98
11	9.8	39.6	8.69	37.1	7.92	34.7	7.19	31.9	6.43	29.1	5.71	
13	11.8	39.6	8.32	37.1	7.58	34.7	6.88	31.9	6.16	29.1	5.49	
15	13.7	39.6	7.99	37.1	7.28	34.7	6.62	31.9	5.94	29.1	5.29	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM240AXVDGH1EU

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)	Indoor Temperature (°C, WB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	
130	10	57.5	8.01	69.9	9.89	82.3	11.98	88.4	13.12	93.7	14.22	104.4	16.7	114.9	19.59
	12	57.5	8.43	69.9	10.46	82.3	12.74	88.4	13.99	93.7	15.2	104.4	17.9	114.9	21.07
	14	57.5	8.9	69.9	11.12	82.3	13.59	88.4	14.97	93.7	16.29	104.4	19.23	114.9	22.68
	16	57.5	9.44	69.9	11.84	82.3	14.55	88.4	16.04	93.7	17.48	104.4	20.7	114.9	24.45
	18	57.5	10.04	69.9	12.66	82.3	15.6	88.4	17.24	93.7	18.81	104.4	22.31	114.7	26.06
	20	57.5	10.72	69.9	13.57	82.3	16.78	88.4	18.55	93.7	20.26	104.4	24.07	113.6	26.41
	21	57.5	11.09	69.9	14.06	82.3	17.41	88.4	19.26	93.7	21.04	104.4	25	111.6	26.08
	23	57.5	11.88	69.9	15.1	82.3	18.76	88.4	20.77	93.7	22.71	104.1	26.66	107.5	25.4
	25	57.5	12.75	69.9	16.27	82.3	20.23	88.4	22.42	93.7	24.51	101.3	25.99	103.4	24.74
	27	57.5	13.72	69.9	17.54	82.3	21.84	88.4	24.21	93.7	26.48	97.2	25.33	99.4	24.07
	29	57.5	14.79	69.9	18.92	82.3	23.59	88.4	26.14	91	25.8	93.1	24.65	95.3	23.4
	31	57.5	15.96	69.9	20.44	82.3	25.48	85.9	26.04	87	25.14	89	23.99	91.2	22.73
	33	57.5	17.23	69.9	22.08	80.5	25.35	81.8	25.36	82.9	24.47	85	23.32	87.1	22.07
	35	57.5	18.6	69.9	23.84	76.5	24.69	77.8	24.7	78.8	23.8	80.9	22.65	83	21.39
	37	57.5	20.09	69.7	24.97	72.4	24.01	73.7	24.03	74.7	23.13	76.8	21.98	79	20.73
	39	57.5	21.7	65.9	24.3	68.3	23.35	69.6	23.36	70.6	22.47	72.7	21.32	74.9	20.06
	43	52.1	21.53	57.7	22.97	60.1	22.01	61.4	22.03	62.5	21.13	64.6	19.98	66.7	18.72
	46	46	20.53	51.6	21.97	54	21	55.3	21.03	56.4	20.13	58.4	18.98	60.6	17.72
48	41.9	19.86	47.5	21.29	49.9	20.34	51.2	20.35	52.3	19.46	54.4	18.31	56.5	17.06	
50	37.8	19.2	43.4	20.63	45.9	19.68	47.2	19.69	48.2	18.79	50.3	17.64	52.4	16.38	
120	10	53	7.18	64.4	8.87	75.9	10.72	81.6	11.72	86.5	12.7	96.3	14.86	106.1	17.37
	12	53	7.55	64.4	9.36	75.9	11.38	81.6	12.47	86.5	13.54	96.3	15.89	106.1	18.63
	14	53	7.95	64.4	9.92	75.9	12.1	81.6	13.3	86.5	14.47	96.3	17.04	106.1	20.02
	16	53	8.41	64.4	10.54	75.9	12.93	81.6	14.23	86.5	15.5	96.3	18.3	106.1	21.56
	18	53	8.93	64.4	11.25	75.9	13.85	81.6	15.26	86.5	16.65	96.3	19.7	106.1	23.24
	20	53	9.52	64.4	12.03	75.9	14.86	81.6	16.41	86.5	17.91	96.3	21.22	106.1	25.07
	21	53	9.83	64.4	12.46	75.9	15.41	81.6	17.03	86.5	18.59	96.3	22.05	106.1	26.05
	23	53	10.52	64.4	13.38	75.9	16.58	81.6	18.35	86.5	20.04	96.3	23.8	105.6	27.42
	25	53	11.29	64.4	14.39	75.9	17.88	81.6	19.78	86.5	21.63	96.3	25.7	101.6	26.75
	27	53	12.14	64.4	15.5	75.9	19.29	81.6	21.36	86.5	23.35	95.6	26.37	97.5	26.09
	29	53	13.07	64.4	16.72	75.9	20.82	81.6	23.07	86.5	25.23	91.6	25.7	93.5	25.41
	31	53	14.09	64.4	18.04	75.9	22.49	81.6	24.92	85.5	25.88	87.5	25.03	89.4	24.75
	33	53	15.2	64.4	19.49	75.9	24.29	80.5	25.56	81.4	25.21	83.4	24.36	85.3	24.09
	35	53	16.42	64.4	21.05	75.2	24.91	76.4	24.89	77.3	24.55	79.3	23.7	81.2	23.41
	37	53	17.74	64.4	22.73	71.2	24.24	72.3	24.22	73.2	23.87	75.2	23.02	77.1	22.75
	39	53	19.15	63.7	23.28	67.1	23.57	68.2	23.55	69.1	23.21	71.2	22.36	73.1	22.08
	43	49.9	20.01	55.5	21.95	58.9	22.24	60.1	22.21	61	21.88	63	21.02	64.9	20.74
	46	43.8	19.01	49.4	20.95	52.8	21.24	54	21.21	54.9	20.87	56.9	20.02	58.8	19.74
48	39.7	18.34	45.3	20.27	48.7	20.56	49.9	20.55	50.8	20.2	52.8	19.35	54.7	19.07	
50	35.6	17.67	41.3	19.61	44.6	19.9	45.8	19.88	46.7	19.53	48.7	18.69	50.6	18.4	
110	10	48.6	6.41	59.1	7.93	69.5	9.57	74.8	10.45	79.3	11.32	88.2	13.2	97.2	15.38
	12	48.6	6.72	59.1	8.35	69.5	10.13	74.8	11.09	79.3	12.02	88.2	14.07	97.2	16.45
	14	48.6	7.07	59.1	8.82	69.5	10.75	74.8	11.8	79.3	12.81	88.2	15.04	97.2	17.63
	16	48.6	7.47	59.1	9.36	69.5	11.45	74.8	12.6	79.3	13.7	88.2	16.13	97.2	18.95
	18	48.6	7.91	59.1	9.96	69.5	12.24	74.8	13.48	79.3	14.68	88.2	17.33	97.2	20.4
	20	48.6	8.41	59.1	10.63	69.5	13.12	74.8	14.47	79.3	15.77	88.2	18.66	97.2	21.99
	21	48.6	8.69	59.1	11	69.5	13.59	74.8	15	79.3	16.36	88.2	19.37	97.2	22.84
	23	48.6	9.29	59.1	11.79	69.5	14.61	74.8	16.14	79.3	17.62	88.2	20.89	97.2	24.65
	25	48.6	9.95	59.1	12.67	69.5	15.73	74.8	17.4	79.3	19	88.2	22.54	97.2	26.62
	27	48.6	10.69	59.1	13.65	69.5	16.96	74.8	18.77	79.3	20.51	88.2	24.35	95.8	26.98
	29	48.6	11.5	59.1	14.71	69.5	18.3	74.8	20.26	79.3	22.15	88.2	26.3	91.7	26.31
	31	48.6	12.38	59.1	15.86	69.5	19.76	74.8	21.88	79.3	23.91	85.8	26.18	87.7	25.65
	33	48.6	13.36	59.1	17.13	69.5	21.34	74.8	23.63	79.3	25.83	81.7	25.52	83.6	24.97
	35	48.6	14.42	59.1	18.5	69.5	23.05	74.7	24.75	75.9	25.16	77.7	24.84	79.5	24.31
	37	48.6	15.57	59.1	19.98	69.4	24.13	71	24.09	71.8	24.49	73.6	24.18	75.4	23.64
	39	48.6	16.82	59.1	21.57	65.8	23.47	66.9	23.41	67.8	23.83	69.5	23.51	71.3	22.97
	43	47.7	18.54	52.8	20.71	57.6	22.13	58.7	22.09	59.6	22.49	61.3	22.17	63.2	21.64
	46	41.6	17.54	46.7	19.71	51.5	21.13	52.6	21.08	53.5	21.49	55.2	21.17	57.1	20.64
48	37.5	16.86	42.6	19.05	47.4	20.46	48.5	20.41	49.4	20.82	51.1	20.51	53	19.96	
50	33.4	16.2	38.5	18.38	43.3	19.8	44.4	19.74	45.3	20.15	47.1	19.83	48.9	19.3	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM240AXVDGH1EU

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)	Indoor Temperature (°C, WB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	
100	10	44.2	5.7	53.7	7.04	63.2	8.5	68	9.28	72.1	10.05	80.2	11.69	88.4	13.58
	12	44.2	5.95	53.7	7.4	63.2	8.97	68	9.82	72.1	10.64	80.2	12.42	88.4	14.48
	14	44.2	6.25	53.7	7.8	63.2	9.5	68	10.41	72.1	11.31	80.2	13.25	88.4	15.49
	16	44.2	6.59	53.7	8.25	63.2	10.1	68	11.09	72.1	12.06	80.2	14.17	88.4	16.6
	18	44.2	6.97	53.7	8.77	63.2	10.76	68	11.85	72.1	12.89	80.2	15.18	88.4	17.85
	20	44.2	7.4	53.7	9.34	63.2	11.51	68	12.69	72.1	13.83	80.2	16.32	88.4	19.21
	21	44.2	7.63	53.7	9.66	63.2	11.91	68	13.15	72.1	14.33	80.2	16.93	88.4	19.94
	23	44.2	8.15	53.7	10.34	63.2	12.79	68	14.12	72.1	15.41	80.2	18.23	88.4	21.5
	25	44.2	8.71	53.7	11.09	63.2	13.75	68	15.2	72.1	16.6	80.2	19.67	88.4	23.21
	27	44.2	9.35	53.7	11.93	63.2	14.82	68	16.39	72.1	17.91	80.2	21.22	88.4	25.06
	29	44.2	10.05	53.7	12.85	63.2	15.97	68	17.68	72.1	19.33	80.2	22.93	88.4	27.07
	31	44.2	10.82	53.7	13.84	63.2	17.24	68	19.09	72.1	20.87	80.2	24.76	85.9	26.96
	33	44.2	11.66	53.7	14.94	63.2	18.62	68	20.63	72.1	22.53	79.9	25.95	81.8	26.3
	35	44.2	12.59	53.7	16.14	63.2	20.11	68	22.27	72.1	24.34	76.1	25.27	77.8	25.64
	37	44.2	13.6	53.7	17.43	63.2	21.72	68	24.05	70.3	24.2	72	24.61	73.7	24.96
	39	44.2	14.69	53.7	18.83	62.9	22.73	65.5	24.01	66.3	23.53	67.9	23.94	69.6	24.3
	43	44.2	17.13	50.2	19.66	55	21.39	57.4	22.68	58.1	22.19	59.8	22.6	61.4	22.96
	46	39.3	16.13	44.1	18.65	48.9	20.39	51.2	21.68	52	21.19	53.7	21.6	55.3	21.95
	48	35.3	15.45	40	17.99	44.8	19.72	47.2	21	47.9	20.52	49.6	20.94	51.2	21.29
	50	31.2	14.79	35.9	17.31	40.7	19.05	43.1	20.34	43.8	19.86	45.5	20.26	47.2	20.62
90	10	39.8	4.93	48.3	6.1	56.9	7.36	61.2	8.04	64.9	8.69	72.2	10.11	79.6	11.72
	12	39.8	5.14	48.3	6.4	56.9	7.75	61.2	8.48	64.9	9.18	72.2	10.71	79.6	12.46
	14	39.8	5.39	48.3	6.73	56.9	8.18	61.2	8.97	64.9	9.73	72.2	11.39	79.6	13.28
	16	39.8	5.67	48.3	7.1	56.9	8.67	61.2	9.52	64.9	10.34	72.2	12.14	79.6	14.19
	18	39.8	5.98	48.3	7.52	56.9	9.22	61.2	10.14	64.9	11.04	72.2	12.98	79.6	15.22
	20	39.8	6.34	48.3	8.01	56.9	9.84	61.2	10.84	64.9	11.81	72.2	13.93	79.6	16.36
	21	39.8	6.53	48.3	8.26	56.9	10.17	61.2	11.22	64.9	12.22	72.2	14.43	79.6	16.97
	23	39.8	6.96	48.3	8.83	56.9	10.91	61.2	12.03	64.9	13.13	72.2	15.53	79.6	18.27
	25	39.8	7.44	48.3	9.46	56.9	11.7	61.2	12.94	64.9	14.12	72.2	16.72	79.6	19.7
	27	39.8	7.96	48.3	10.16	56.9	12.6	61.2	13.93	64.9	15.22	72.2	18.03	79.6	21.27
	29	39.8	8.55	48.3	10.93	56.9	13.57	61.2	15.02	64.9	16.41	72.2	19.46	79.6	22.96
	31	39.8	9.2	48.3	11.77	56.9	14.64	61.2	16.21	64.9	17.72	72.2	21.02	79.6	24.8
	33	39.8	9.91	48.3	12.7	56.9	15.8	61.2	17.5	64.9	19.12	72.2	22.71	79.6	26.79
	35	39.8	10.69	48.3	13.71	56.9	17.07	61.2	18.9	64.9	20.66	72.2	24.52	75.9	26.12
	37	39.8	11.54	48.3	14.81	56.9	18.44	61.2	20.41	64.9	22.31	70.5	24.39	71.9	25.45
	39	39.8	12.47	48.3	15.99	56.9	19.91	61.2	22.03	63.9	22.85	66.4	23.71	67.8	24.79
	43	39.8	14.54	47.5	17.61	51.8	19.68	54	20.7	55.7	21.51	58.2	22.38	59.6	23.45
	46	37.1	14.44	41.4	16.61	45.7	18.68	47.8	19.7	49.6	20.51	52.1	21.38	53.5	22.44
	48	33.1	13.77	37.3	15.94	41.6	18.02	43.8	19.03	45.5	19.84	48	20.7	49.4	21.78
	50	29	13.11	33.2	15.27	37.5	17.34	39.7	18.36	41.4	19.17	43.9	20.04	45.3	21.1
80	10	35.4	4.22	43	5.24	50.6	6.35	54.4	6.92	57.6	7.49	64.2	8.7	70.7	10.08
	12	35.4	4.4	43	5.48	50.6	6.65	54.4	7.28	57.6	7.87	64.2	9.18	70.7	10.66
	14	35.4	4.59	43	5.75	50.6	7	54.4	7.67	57.6	8.32	64.2	9.73	70.7	11.32
	16	35.4	4.83	43	6.05	50.6	7.4	54.4	8.12	57.6	8.82	64.2	10.34	70.7	12.07
	18	35.4	5.08	43	6.4	50.6	7.86	54.4	8.63	57.6	9.38	64.2	11.02	70.7	12.9
	20	35.4	5.38	43	6.79	50.6	8.36	54.4	9.2	57.6	10.02	64.2	11.8	70.7	13.83
	21	35.4	5.53	43	7.01	50.6	8.63	54.4	9.51	57.6	10.36	64.2	12.22	70.7	14.33
	23	35.4	5.89	43	7.48	50.6	9.24	54.4	10.19	57.6	11.1	64.2	13.11	70.7	15.41
	25	35.4	6.28	43	7.99	50.6	9.9	54.4	10.93	57.6	11.92	64.2	14.11	70.7	16.6
	27	35.4	6.72	43	8.57	50.6	10.64	54.4	11.75	57.6	12.82	64.2	15.19	70.7	17.9
	29	35.4	7.2	43	9.21	50.6	11.45	54.4	12.66	57.6	13.82	64.2	16.39	70.7	19.32
	31	35.4	7.74	43	9.91	50.6	12.34	54.4	13.65	57.6	14.91	64.2	17.69	70.7	20.86
	33	35.4	8.33	43	10.69	50.6	13.31	54.4	14.73	57.6	16.09	64.2	19.1	70.7	22.52
	35	35.4	8.99	43	11.53	50.6	14.37	54.4	15.91	57.6	17.38	64.2	20.63	70.7	24.33
	37	35.4	9.7	43	12.45	50.6	15.52	54.4	17.18	57.6	18.77	64.2	22.27	70.1	25.48
	39	35.4	10.48	43	13.44	50.6	16.76	54.4	18.55	57.6	20.27	63.5	23.32	66	24.82
	43	35.4	12.22	43	15.68	48.6	17.86	50.6	18.72	52.1	20.06	55.4	21.98	57.9	23.48
	46	34.9	13.21	38.7	15.07	42.5	16.86	44.4	17.72	46	19.06	49.3	20.98	51.8	22.48
	48	30.8	12.54	34.6	14.39	38.4	16.19	40.4	17.05	41.9	18.38	45.2	20.31	47.7	21.81
	50	26.8	11.88	30.5	13.73	34.3	15.52	36.3	16.39	37.9	17.72	41.1	19.65	43.6	21.15

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM240AXVDGH1EU

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)	Indoor Temperature (°C, WB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	10	30.9	3.57	37.6	4.46	44.2	5.39	47.6	5.9	50.5	6.38	56.1	7.41	61.9	8.58
	12	30.9	3.71	37.6	4.65	44.2	5.64	47.6	6.17	50.5	6.69	56.1	7.79	61.9	9.05
	14	30.9	3.88	37.6	4.86	44.2	5.93	47.6	6.49	50.5	7.04	56.1	8.22	61.9	9.57
	16	30.9	4.06	37.6	5.11	44.2	6.25	47.6	6.86	50.5	7.44	56.1	8.71	61.9	10.17
	18	30.9	4.26	37.6	5.39	44.2	6.6	47.6	7.26	50.5	7.89	56.1	9.27	61.9	10.84
	20	30.9	4.5	37.6	5.7	44.2	7.01	47.6	7.72	50.5	8.4	56.1	9.89	61.9	11.58
	21	30.9	4.63	37.6	5.87	44.2	7.24	47.6	7.97	50.5	8.68	56.1	10.22	61.9	11.99
	23	30.9	4.92	37.6	6.26	44.2	7.72	47.6	8.52	50.5	9.28	56.1	10.95	61.9	12.86
	25	30.9	5.24	37.6	6.68	44.2	8.25	47.6	9.12	50.5	9.95	56.1	11.76	61.9	13.82
	27	30.9	5.59	37.6	7.15	44.2	8.86	47.6	9.79	50.5	10.69	56.1	12.65	61.9	14.89
	29	30.9	5.99	37.6	7.67	44.2	9.53	47.6	10.53	50.5	11.5	56.1	13.63	61.9	16.05
	31	30.9	6.43	37.6	8.25	44.2	10.26	47.6	11.35	50.5	12.4	56.1	14.7	61.9	17.33
	33	30.9	6.92	37.6	8.89	44.2	11.05	47.6	12.23	50.5	13.37	56.1	15.86	61.9	18.71
	35	30.9	7.46	37.6	9.58	44.2	11.93	47.6	13.21	50.5	14.44	56.1	17.13	61.9	20.21
	37	30.9	8.05	37.6	10.34	44.2	12.88	47.6	14.27	50.5	15.59	56.1	18.5	61.9	21.82
	39	30.9	8.69	37.6	11.17	44.2	13.91	47.6	15.41	50.5	16.84	56.1	19.98	61.9	23.56
	43	30.9	10.13	37.6	13.03	44.2	16.23	47.1	17.36	48.6	17.95	51.4	19.76	54.3	22.23
	46	30.9	11.37	36	13.22	39.4	15.22	41	16.36	42.4	16.95	45.3	18.76	48.2	21.23
48	28.6	11.02	31.9	12.56	35.3	14.55	37	15.7	38.4	16.28	41.2	18.08	44.1	20.55	
50	24.6	10.36	27.8	11.88	31.2	13.89	32.9	15.03	34.3	15.61	37.1	17.42	40	19.89	
60	10	26.5	2.98	32.3	3.72	37.9	4.51	40.8	4.94	43.2	5.36	48.1	6.23	53	7.21
	12	26.5	3.09	32.3	3.87	37.9	4.71	40.8	5.16	43.2	5.6	48.1	6.53	53	7.56
	14	26.5	3.21	32.3	4.04	37.9	4.93	40.8	5.41	43.2	5.87	48.1	6.86	53	7.98
	16	26.5	3.36	32.3	4.23	37.9	5.18	40.8	5.69	43.2	6.18	48.1	7.25	53	8.44
	18	26.5	3.53	32.3	4.45	37.9	5.47	40.8	6.01	43.2	6.54	48.1	7.67	53	8.96
	20	26.5	3.72	32.3	4.7	37.9	5.79	40.8	6.38	43.2	6.94	48.1	8.16	53	9.55
	21	26.5	3.82	32.3	4.84	37.9	5.96	40.8	6.57	43.2	7.16	48.1	8.43	53	9.87
	23	26.5	4.05	32.3	5.13	37.9	6.34	40.8	7	43.2	7.63	48.1	9	53	10.56
	25	26.5	4.3	32.3	5.47	37.9	6.78	40.8	7.49	43.2	8.17	48.1	9.64	53	11.33
	27	26.5	4.59	32.3	5.85	37.9	7.25	40.8	8.03	43.2	8.76	48.1	10.36	53	12.18
	29	26.5	4.91	32.3	6.27	37.9	7.79	40.8	8.62	43.2	9.41	48.1	11.14	53	13.12
	31	26.5	5.26	32.3	6.73	37.9	8.38	40.8	9.28	43.2	10.13	48.1	12	53	14.15
	33	26.5	5.65	32.3	7.25	37.9	9.02	40.8	9.99	43.2	10.92	48.1	12.95	53	15.26
	35	26.5	6.09	32.3	7.81	37.9	9.73	40.8	10.78	43.2	11.78	48.1	13.98	53	16.48
	37	26.5	6.56	32.3	8.43	37.9	10.51	40.8	11.64	43.2	12.73	48.1	15.1	53	17.8
	39	26.5	7.09	32.3	9.1	37.9	11.35	40.8	12.57	43.2	13.74	48.1	16.31	53	19.22
	43	26.5	8.27	32.3	10.62	37.9	13.23	40.8	14.66	43.2	16.03	47.4	17.96	49.9	20.09
	46	26.5	9.28	32.3	11.91	36.2	13.44	37.6	14.57	38.8	15.41	41.3	16.96	43.8	19.09
48	26.2	9.59	29.2	11.24	32.1	12.77	33.6	13.89	34.8	14.75	37.2	16.3	39.7	18.41	
50	22.3	8.93	25.1	10.58	28	12.1	29.5	13.23	30.7	14.07	33.1	15.62	35.6	17.75	
50	10	22.1	2.41	26.9	3.03	31.6	3.69	34	4.05	36	4.38	40.1	5.11	44.2	5.92
	12	22.1	2.5	26.9	3.15	31.6	3.84	34	4.21	36	4.56	40.1	5.33	44.2	6.19
	14	22.1	2.6	26.9	3.28	31.6	4.01	34	4.4	36	4.78	40.1	5.59	44.2	6.51
	16	22.1	2.72	26.9	3.43	31.6	4.2	34	4.62	36	5.01	40.1	5.88	44.2	6.86
	18	22.1	2.84	26.9	3.6	31.6	4.41	34	4.86	36	5.28	40.1	6.2	44.2	7.25
	20	22.1	2.99	26.9	3.79	31.6	4.66	34	5.14	36	5.59	40.1	6.57	44.2	7.7
	21	22.1	3.07	26.9	3.89	31.6	4.8	34	5.29	36	5.75	40.1	6.78	44.2	7.94
	23	22.1	3.24	26.9	4.12	31.6	5.1	34	5.61	36	6.12	40.1	7.22	44.2	8.48
	25	22.1	3.44	26.9	4.39	31.6	5.42	34	5.99	36	6.53	40.1	7.71	44.2	9.07
	27	22.1	3.66	26.9	4.68	31.6	5.79	34	6.4	36	6.99	40.1	8.27	44.2	9.73
	29	22.1	3.91	26.9	5	31.6	6.21	34	6.87	36	7.5	40.1	8.87	44.2	10.46
	31	22.1	4.2	26.9	5.37	31.6	6.67	34	7.38	36	8.06	40.1	9.55	44.2	11.26
	33	22.1	4.5	26.9	5.77	31.6	7.17	34	7.94	36	8.68	40.1	10.29	44.2	12.14
	35	22.1	4.84	26.9	6.21	31.6	7.73	34	8.56	36	9.36	40.1	11.1	44.2	13.1
	37	22.1	5.21	26.9	6.7	31.6	8.34	34	9.24	36	10.1	40.1	11.98	44.2	14.15
	39	22.1	5.63	26.9	7.23	31.6	9.01	34	9.98	36	10.91	40.1	12.94	44.2	15.28
	43	22.1	6.56	26.9	8.43	31.6	10.5	34	11.64	36	12.73	40.1	15.09	44.2	17.82
	46	22.1	7.37	26.9	9.46	31.6	11.79	33.9	12.57	35.3	13.41	37.3	15.02	39.3	16.81
48	22.1	7.95	26.5	9.79	29	11.12	30.2	11.9	31.2	12.74	33.2	14.35	35.3	16.15	
50	20.1	7.55	22.5	9.12	24.9	10.45	26.1	11.23	27.1	12.07	29.1	13.69	31.2	15.47	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM240AXVDGH1EU

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)		Indoor Temperature (°C, DB)									
	DB	WB	16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	-25	-25.1	55.2	22.7	53.9	24.32	52.4	25.54	50.8	26.85	49.3	27.99
	-22	-22.2	63.4	24.66	62.1	26.29	60.7	27.51	59	28.82	56.1	29.68
	-20	-20.2	69	25.97	67.6	27.6	66.2	28.82	62.9	29.6	59.9	30.46
	-17	-17.3	77.2	27.94	74.7	29.29	72	29.99	68.8	30.78	65.1	31.47
	-15	-15.3	81.6	28.99	78.6	30.07	75.8	30.78	72.2	31.56	67.8	31.9
	-12	-12.4	87.5	30.16	84.5	31.25	80.9	31.77	76.3	32.21	71.9	32.56
	-10	-10.5	91.3	30.95	87.7	31.86	83.6	32.21	78.9	32.65	73.8	32.91
	-7	-7.6	96.1	31.95	91.8	32.52	87	32.78	81.9	33.04	76.8	33.31
	-5	-5.6	98.5	32.38	93.7	32.78	88.9	33.04	83.8	33.31	78.7	33.57
	-3	-3.7	100.5	32.65	95.6	33.04	90.8	33.31	85.7	33.57	80.6	33.83
	0	-0.7	103.3	33.04	98.6	33.44	93.8	33.7	88.6	33.97	82.6	33.54
	3	2.2	106.2	33.44	101.4	33.83	96.7	34.1	90.4	33.66	83.3	31.98
	5	4.1	108.1	33.7	103.3	34.1	98	34.23	90.8	32.61	83.5	30.15
	7	6	110.2	33.97	104.7	34.23	98.6	33.16	91.3	31.66	83.5	28.12
	9	7.9	111.3	34.23	105.3	33.54	99.1	32.21	91.5	29.64	83.5	26.34
11	9.8	112	33.88	105.7	32.58	99.5	30.99	91.5	27.8	83.5	24.77	
13	11.8	112.5	32.92	106.2	31.72	99.5	29.1	91.5	26.17	83.5	23.38	
15	13.7	112.9	32.07	106.4	30.04	99.5	27.43	91.5	24.72	83.5	22.15	
120	-25	-25.1	53.5	24.32	52.2	25.28	50.9	26.59	49.4	27.81	47.9	29.29
	-22	-22.2	61.7	26.29	60.5	27.24	59.2	28.55	56.7	29.51	53.7	30.46
	-20	-20.2	67.3	27.6	66	28.55	63.5	29.6	60.6	30.29	57.6	31.25
	-17	-17.3	74.4	29.29	71.9	29.99	69.3	30.78	66	31.47	61.7	31.9
	-15	-15.3	78.3	30.07	75.8	30.78	72.9	31.56	68.8	31.9	64.4	32.35
	-12	-12.4	84.2	31.25	80.9	31.77	77.1	32.21	73	32.56	68	32.91
	-10	-10.5	87.3	31.86	83.6	32.21	79.8	32.65	74.9	32.91	70.1	33.18
	-7	-7.6	91.1	32.52	86.8	32.78	82.6	33.04	77.8	33.31	72.9	33.57
	-5	-5.6	93.2	32.78	88.8	33.04	84.6	33.31	79.7	33.57	74.9	33.64
	-3	-3.7	95.1	33.04	90.7	33.31	86.6	33.57	81.6	33.83	76.5	32.76
	0	-0.7	97.9	33.44	93.6	33.7	89.4	33.97	83.8	32.98	77.2	30.81
	3	2.2	100.8	33.83	96.5	34.1	91.1	32.99	84.5	31.16	77.2	27.56
	5	4.1	102.8	34.1	97.4	33.34	91.6	31.99	84.5	28.97	77.2	25.66
	7	6	103.5	33.63	97.8	32.32	91.8	30.24	84.5	27.01	77.2	23.96
	9	7.9	104	32.63	98.3	31.14	91.8	28.27	84.5	25.3	77.2	22.48
11	9.8	104.4	31.73	98.3	29.15	91.8	26.51	84.5	23.78	77.2	21.18	
13	11.8	104.7	29.96	98.3	27.38	91.8	24.95	84.5	22.42	77.2	20.01	
15	13.7	104.7	28.2	98.3	25.82	91.8	23.57	84.5	21.24	77.2	19	
110	-25	-25.1	51.7	25.76	50.5	26.59	49.3	27.81	48.1	28.86	44.9	28.85
	-22	-22.2	60	27.73	58.8	28.55	56.8	29.51	54.2	30.29	50.8	30.03
	-20	-20.2	65.3	29.04	63.2	29.6	60.7	30.29	58	31.08	54.4	30.81
	-17	-17.3	71.2	30.2	69.1	30.78	66.2	31.47	62.2	31.9	58.5	31.47
	-15	-15.3	75	30.99	72.4	31.56	68.9	31.9	65	32.35	61.2	31.9
	-12	-12.4	79.7	31.99	76.5	32.21	73.1	32.56	68.7	32.91	64.3	32.39
	-10	-10.5	82.5	32.43	79	32.65	75	32.91	70.7	33.18	66.3	32.65
	-7	-7.6	85.7	32.91	82	33.04	77.9	33.31	73.5	33.57	68.8	31.62
	-5	-5.6	87.6	33.18	83.9	33.31	79.8	33.57	75.3	33.04	70.4	30.82
	-3	-3.7	89.5	33.44	85.8	33.57	81.9	33.6	77	32.21	70.7	29.28
	0	-0.7	92.4	33.83	88.7	33.48	83.8	32.33	77.4	29.57	70.7	26.11
	3	2.2	95	33.47	89.8	32.14	84.2	29.7	77.4	26.44	70.7	23.39
	5	4.1	95.5	32.42	90.1	30.5	84.2	27.61	77.4	24.62	70.7	21.81
	7	6	95.9	31.22	90.1	28.39	84.2	25.74	77.4	22.99	70.7	20.4
	9	7.9	95.9	29.15	90.1	26.55	84.2	24.11	77.4	21.57	70.7	19.18
11	9.8	95.9	27.3	90.1	24.92	84.2	22.66	77.4	20.32	70.7	18.09	
13	11.8	95.9	25.67	90.1	23.46	84.2	21.37	77.4	19.21	70.7	17.14	
15	13.7	95.9	24.22	90.1	22.18	84.2	20.24	77.4	18.23	70.7	16.31	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM240AXVDGH1EU

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)		Indoor Temperature (°C, DB)									
	DB	WB	16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	-25	-25.1	50	27.24	48.9	28.2	47.8	28.52	44.7	28.03	41.4	27.54
	-22	-22.2	58.1	29.21	56	29.9	54	29.7	50.5	29.2	47.2	28.72
	-20	-20.2	62	29.99	59.9	30.69	57.9	30.4	54.3	29.98	50.6	29.5
	-17	-17.3	67.8	31.17	65.2	31.69	62	31.06	58.4	30.64	54.8	30.16
	-15	-15.3	70.8	31.77	67.9	32.12	64.8	31.5	61.2	31.07	57.1	30.59
	-12	-12.4	74.9	32.43	71.9	32.78	68.4	32.07	64.2	31.56	59.9	30.01
	-10	-10.5	77.3	32.78	73.8	33.04	70.3	32.33	66.2	31.51	61.5	29.15
	-7	-7.6	80.1	33.18	76.8	33.44	73.2	32.34	68.6	30.2	64	28.04
	-5	-5.6	82	33.44	78.7	33.64	74.8	31.46	70.2	29.44	64.3	26.65
	-3	-3.7	84	33.7	80.3	32.75	76.5	30.68	70.4	27.99	64.3	24.66
	0	-0.7	86.6	32.6	81.9	31.08	76.5	28.08	70.4	24.95	64.3	22.02
	3	2.2	87.2	30.58	81.9	27.76	76.5	25.11	70.4	22.36	64.3	19.77
	5	4.1	87.2	28.42	81.9	25.82	76.5	23.38	70.4	20.86	64.3	18.46
	7	6	87.2	26.48	81.9	24.09	76.5	21.84	70.4	19.51	64.3	17.3
	9	7.9	87.2	24.78	81.9	22.58	76.5	20.5	70.4	18.34	64.3	16.3
11	9.8	87.2	23.27	81.9	21.23	76.5	19.3	70.4	17.31	64.3	15.4	
13	11.8	87.2	21.94	81.9	20.05	76.5	18.25	70.4	16.41	64.3	14.63	
15	13.7	87.2	20.76	81.9	19	76.5	17.33	70.4	15.61	64.3	13.95	
90	-25	-25.1	48.3	28.78	46.4	28.1	43.9	28.27	40.9	27.12	37.8	26.79
	-22	-22.2	54.6	30.2	52.4	29.54	49.7	29.45	46.7	28.29	43.6	27.97
	-20	-20.2	58.5	30.99	56.2	30.32	53.4	30.23	50.2	29.07	46.8	28.58
	-17	-17.3	63.1	31.82	60.3	30.98	57.6	30.89	54.4	29.73	50.9	29.24
	-15	-15.3	65.9	32.26	63.2	31.42	60.4	31.32	56.6	30.16	52.6	28.31
	-12	-12.4	69.5	32.91	66.4	31.99	63.2	31.81	59.2	29.23	55	27.1
	-10	-10.5	71.5	33.18	68.3	32.25	65	31.26	60.8	28.4	56.6	26.4
	-7	-7.6	74.4	33.57	71	31.57	67.5	30.01	63.3	27.34	57.8	24.78
	-5	-5.6	76.1	33.01	72.7	30.74	68.9	29.29	63.4	25.98	57.8	22.91
	-3	-3.7	77.7	32.18	73.6	30.01	68.9	27.08	63.4	24.03	57.8	21.21
	0	-0.7	78.5	29.5	73.6	26.73	68.9	24.15	63.4	21.47	57.8	18.97
	3	2.2	78.5	26.38	73.6	23.94	68.9	21.65	63.4	19.28	57.8	17.06
	5	4.1	78.5	24.55	73.6	22.31	68.9	20.2	63.4	18.01	57.8	15.96
	7	6	78.5	22.92	73.6	20.85	68.9	18.9	63.4	16.88	57.8	14.98
	9	7.9	78.5	21.5	73.6	19.58	68.9	17.78	63.4	15.91	57.8	14.13
11	9.8	78.5	20.24	73.6	18.47	68.9	16.78	63.4	15.04	57.8	13.4	
13	11.8	78.5	19.13	73.6	17.47	68.9	15.91	63.4	14.28	57.8	12.73	
15	13.7	78.5	18.15	73.6	16.61	68.9	15.14	63.4	13.63	57.8	12.17	
80	-25	-25.1	44.4	28.13	42	28.1	39.6	27.24	36.9	25.64	34.2	24.29
	-22	-22.2	50.2	29.31	47.8	29.27	45.5	28.42	42.8	26.81	40	25.46
	-20	-20.2	53.9	30.09	51.3	30.06	48.9	29.2	45.9	27.42	42.7	25.91
	-17	-17.3	58.1	30.74	55.4	30.71	53	29.86	49.8	28.07	46.1	25.93
	-15	-15.3	60.8	31.18	57.9	31.15	55.1	29.99	51.4	27.19	47.7	25.2
	-12	-12.4	63.7	31.66	60.8	31.04	57.6	28.64	53.9	26.05	50.2	24.23
	-10	-10.5	65.7	31.68	62.5	30.14	59.2	27.87	55.5	25.39	51.4	23.69
	-7	-7.6	68.1	30.35	64.9	28.99	61.2	26.87	56.3	23.85	51.4	21.02
	-5	-5.6	69.7	29.6	65.5	27.54	61.2	24.84	56.3	22.05	51.4	19.44
	-3	-3.7	69.7	28.13	65.5	25.48	61.2	22.98	56.3	20.42	51.4	18.03
	0	-0.7	69.7	25.09	65.5	22.74	61.2	20.54	56.3	18.27	51.4	16.14
	3	2.2	69.7	22.48	65.5	20.41	61.2	18.45	56.3	16.45	51.4	14.55
	5	4.1	69.7	20.97	65.5	19.06	61.2	17.25	56.3	15.39	51.4	13.64
	7	6	69.7	19.62	65.5	17.85	61.2	16.17	56.3	14.45	51.4	12.82
	9	7.9	69.7	18.45	65.5	16.8	61.2	15.24	56.3	13.64	51.4	12.12
11	9.8	69.7	17.41	65.5	15.89	61.2	14.42	56.3	12.94	51.4	11.51	
13	11.8	69.7	16.51	65.5	15.08	61.2	13.71	56.3	12.31	51.4	10.96	
15	13.7	69.7	15.7	65.5	14.37	61.2	13.08	56.3	11.76	51.4	10.5	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM240AXVDGH1EU

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)		Indoor Temperature (°C, DB)									
	DB	WB	16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	-25	-25.1	39.6	27.8	37.5	26.9	35.5	24.57	33.1	23.51	30.7	21.72
	-22	-22.2	45.4	28.98	43.3	28.07	41.3	25.75	38.6	24.69	35.8	22.71
	-20	-20.2	48.6	29.58	46.5	28.68	44.1	26.36	41.3	25.12	38.6	23.16
	-17	-17.3	52.8	30.24	50.6	29.33	47.8	27.02	44.5	25.19	41.2	22.72
	-15	-15.3	54.9	30.59	52.2	28.41	49.4	26.2	46.1	24.5	42.8	22.15
	-12	-12.4	57.4	29.33	54.6	27.19	51.8	25.15	48.5	23.61	45	21.41
	-10	-10.5	59	28.54	56.2	26.49	53.4	24.55	49.3	22.43	45	19.76
	-7	-7.6	61	27.5	57.3	24.87	53.6	22.42	49.3	19.91	45	17.55
	-5	-5.6	61	25.42	57.3	22.99	53.6	20.74	49.3	18.43	45	16.25
	-3	-3.7	61	23.52	57.3	21.29	53.6	19.21	49.3	17.08	45	15.08
	0	-0.7	61	21.02	57.3	19.05	53.6	17.21	49.3	15.32	45	13.54
	3	2.2	61	18.88	57.3	17.14	53.6	15.51	49.3	13.82	45	12.23
	5	4.1	61	17.65	57.3	16.04	53.6	14.53	49.3	12.96	45	11.49
	7	6	61	16.55	57.3	15.06	53.6	13.65	49.3	12.19	45	10.82
	9	7.9	61	15.6	57.3	14.21	53.6	12.9	49.3	11.53	45	10.25
11	9.8	61	14.77	57.3	13.48	53.6	12.24	49.3	10.96	45	9.76	
13	11.8	61	14.03	57.3	12.82	53.6	11.66	49.3	10.45	45	9.32	
15	13.7	61	13.39	57.3	12.25	53.6	11.16	49.3	10.01	45	8.94	
60	-25	-25.1	34.8	26.2	33	24.11	31.2	22.85	29.1	21.13	27.2	19.07
	-22	-22.2	40.6	27.38	38.5	25.28	36.5	23.85	34.1	22.12	31.7	19.9
	-20	-20.2	43.3	27.82	41.3	25.72	39.2	24.29	36.7	22.57	33.9	20.33
	-17	-17.3	46.8	27.81	44.3	25.76	41.9	23.81	39.1	21.66	36.4	19.59
	-15	-15.3	48.5	27	45.9	25.06	43.5	23.2	40.7	21.15	38	19.16
	-12	-12.4	50.9	25.93	48.4	24.14	45.9	22.41	42.2	19.87	38.6	17.5
	-10	-10.5	52.4	25.34	49.1	22.92	45.9	20.67	42.2	18.34	38.6	16.16
	-7	-7.6	52.4	22.48	49.1	20.35	45.9	18.36	42.2	16.3	38.6	14.37
	-5	-5.6	52.4	20.79	49.1	18.83	45.9	17	42.2	15.1	38.6	13.32
	-3	-3.7	52.4	19.27	49.1	17.46	45.9	15.77	42.2	14.02	38.6	12.37
	0	-0.7	52.4	17.26	49.1	15.66	45.9	14.16	42.2	12.59	38.6	11.13
	3	2.2	52.4	15.55	49.1	14.12	45.9	12.78	42.2	11.39	38.6	10.08
	5	4.1	52.4	14.57	49.1	13.24	45.9	12	42.2	10.7	38.6	9.48
	7	6	52.4	13.7	49.1	12.46	45.9	11.3	42.2	10.09	38.6	8.95
	9	7.9	52.4	12.95	49.1	11.79	45.9	10.7	42.2	9.57	38.6	8.5
11	9.8	52.4	12.3	49.1	11.2	45.9	10.18	42.2	9.11	38.6	8.11	
13	11.8	52.4	11.72	49.1	10.69	45.9	9.72	42.2	8.72	38.6	7.75	
15	13.7	52.4	11.22	49.1	10.24	45.9	9.33	42.2	8.36	38.6	7.46	
50	-25	-25.1	29.9	22.15	28.5	20.96	27	19.9	25.3	18.02	23.4	16.78
	-22	-22.2	35	23.16	33.2	21.95	31.5	20.74	29.5	18.85	27.4	17.44
	-20	-20.2	37.7	23.59	35.7	22.39	33.7	20.66	31.4	18.82	29	17.02
	-17	-17.3	40.2	23.14	38.2	21.5	36.1	19.89	33.8	18.19	31.4	16.51
	-15	-15.3	41.8	22.55	39.8	20.98	37.8	19.46	35.2	17.83	32.1	15.7
	-12	-12.4	43.7	21.79	41	19.72	38.3	17.76	35.2	15.79	32.1	13.91
	-10	-10.5	43.7	20.11	41	18.21	38.3	16.4	35.2	14.59	32.1	12.84
	-7	-7.6	43.7	17.86	41	16.18	38.3	14.58	35.2	12.98	32.1	11.45
	-5	-5.6	43.7	16.54	41	15	38.3	13.53	35.2	12.03	32.1	10.62
	-3	-3.7	43.7	15.36	41	13.92	38.3	12.56	35.2	11.19	32.1	9.88
	0	-0.7	43.7	13.8	41	12.52	38.3	11.31	35.2	10.08	32.1	8.91
	3	2.2	43.7	12.47	41	11.33	38.3	10.25	35.2	9.14	32.1	8.09
	5	4.1	43.7	11.72	41	10.64	38.3	9.63	35.2	8.61	32.1	7.62
	7	6	43.7	11.04	41	10.04	38.3	9.1	35.2	8.13	32.1	7.21
	9	7.9	43.7	10.46	41	9.53	38.3	8.64	35.2	7.73	32.1	6.86
11	9.8	43.7	9.96	41	9.08	38.3	8.24	35.2	7.37	32.1	6.55	
13	11.8	43.7	9.52	41	8.68	38.3	7.89	35.2	7.06	32.1	6.29	
15	13.7	43.7	9.14	41	8.34	38.3	7.58	35.2	6.8	32.1	6.05	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM260AXVDGH1EU

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)	Indoor Temperature (°C, WB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	
130	10	61.7	8.64	75	10.64	88.3	12.85	94.9	14.04	100.6	15.18	112	17.74	123.4	20.71
	12	61.7	9.06	75	11.22	88.3	13.6	94.9	14.91	100.6	16.17	112	18.95	123.4	22.21
	14	61.7	9.54	75	11.88	88.3	14.47	94.9	15.9	100.6	17.27	112	20.3	123.4	23.85
	16	61.7	10.08	75	12.61	88.3	15.44	94.9	16.99	100.6	18.48	112	21.8	123.4	25.66
	18	61.7	10.69	75	13.44	88.3	16.51	94.9	18.21	100.6	19.84	112	23.45	123.4	27.66
	20	61.7	11.38	75	14.37	88.3	17.72	94.9	19.56	100.6	21.33	112	25.27	123.1	29.26
	21	61.7	11.76	75	14.87	88.3	18.37	94.9	20.28	100.6	22.14	112	26.24	122.3	29.84
	23	61.7	12.56	75	15.94	88.3	19.76	94.9	21.85	100.6	23.86	112	28.31	118.3	29.13
	25	61.7	13.46	75	17.15	88.3	21.29	94.9	23.56	100.6	25.73	111	29.41	113.9	28.43
	27	61.7	14.47	75	18.47	88.3	22.95	94.9	25.42	100.6	27.79	107.3	28.71	109.6	27.73
	29	61.7	15.56	75	19.9	88.3	24.78	94.9	27.45	99.7	28.87	102.9	28	105.2	27.02
	31	61.7	16.78	75	21.48	88.3	26.76	94.1	29.08	96.3	28.17	98.5	27.3	100.8	26.32
	33	61.7	18.1	75	23.2	87.8	28.34	90.7	28.37	91.9	27.47	94.2	26.6	96.4	25.62
	35	61.7	19.54	75	25.05	85	28.14	86.4	27.67	87.5	26.76	89.8	25.9	92	24.92
	37	61.7	21.11	75	27.06	80.6	27.43	82	26.97	83.1	26.06	85.4	25.2	87.7	24.22
	39	61.7	22.8	73.3	27.71	76.2	26.73	77.6	26.26	78.7	25.36	81	24.5	83.3	23.52
	43	58.8	24.21	64.8	26.31	67.4	25.32	68.8	24.87	70	23.95	72.3	23.09	74.5	22.11
	46	52.2	23.16	58.3	25.26	60.9	24.27	62.2	23.81	63.4	22.9	65.6	22.04	67.9	21.06
48	47.8	22.46	53.9	24.55	56.5	23.57	57.8	23.1	59	22.2	61.3	21.34	63.5	20.36	
50	43.4	21.76	49.5	23.85	52.2	22.87	53.5	22.41	54.6	21.49	56.9	20.63	59.1	19.65	
120	10	56.9	7.76	69.2	9.57	81.5	11.52	87.6	12.57	92.8	13.6	103.4	15.84	113.9	18.44
	12	56.9	8.12	69.2	10.05	81.5	12.18	87.6	13.32	92.8	14.44	103.4	16.88	113.9	19.71
	14	56.9	8.53	69.2	10.62	81.5	12.91	87.6	14.16	92.8	15.38	103.4	18.04	113.9	21.12
	16	56.9	9	69.2	11.25	81.5	13.75	87.6	15.1	92.8	16.42	103.4	19.33	113.9	22.7
	18	56.9	9.52	69.2	11.97	81.5	14.68	87.6	16.15	92.8	17.6	103.4	20.76	113.9	24.42
	20	56.9	10.12	69.2	12.76	81.5	15.72	87.6	17.33	92.8	18.89	103.4	22.33	113.9	26.32
	21	56.9	10.44	69.2	13.2	81.5	16.28	87.6	17.96	92.8	19.59	103.4	23.18	113.9	27.33
	23	56.9	11.14	69.2	14.14	81.5	17.49	87.6	19.32	92.8	21.09	103.4	24.99	113.9	29.49
	25	56.9	11.94	69.2	15.18	81.5	18.83	87.6	20.81	92.8	22.74	103.4	26.97	112	29.7
	27	56.9	12.81	69.2	16.33	81.5	20.29	87.6	22.44	92.8	24.53	103.3	28.55	107.6	29.01
	29	56.9	13.77	69.2	17.59	81.5	21.89	87.6	24.23	92.8	26.49	101.2	28.77	103.3	28.3
	31	56.9	14.83	69.2	18.97	81.5	23.63	87.6	26.17	92.7	28.04	96.8	28.06	98.9	27.6
	33	56.9	15.99	69.2	20.48	81.5	25.52	87.4	27.71	90.3	27.84	92.4	27.36	94.5	26.9
	35	56.9	17.26	69.2	22.12	81.4	27.02	84.9	27.51	85.9	27.15	88	26.66	90.1	26.19
	37	56.9	18.64	69.2	23.89	79.3	26.82	80.5	26.8	81.5	26.44	83.6	25.95	85.7	25.49
	39	56.9	20.13	69.2	25.28	74.9	26.11	76.1	26.1	77.1	25.74	79.3	25.25	81.4	24.79
	43	55.9	22.52	62.5	24.71	66.1	24.72	67.4	24.69	68.4	24.34	70.5	23.84	72.6	23.39
	46	49.9	21.47	55.9	23.66	59.6	23.66	60.8	23.64	61.9	23.29	64	22.79	66	22.33
48	45.5	20.77	51.5	22.95	55.2	22.95	56.4	22.94	57.5	22.58	59.6	22.09	61.6	21.63	
50	41.1	20.06	47.2	22.25	50.8	22.25	52	22.24	53.1	21.88	55.2	21.39	57.2	20.93	
110	10	52.2	6.92	63.4	8.56	74.6	10.3	80.3	11.23	85.2	12.15	94.7	14.13	104.4	16.38
	12	52.2	7.24	63.4	8.98	74.6	10.86	80.3	11.87	85.2	12.85	94.7	15	104.4	17.46
	14	52.2	7.59	63.4	9.46	74.6	11.49	80.3	12.59	85.2	13.65	94.7	15.98	104.4	18.66
	16	52.2	7.99	63.4	10	74.6	12.2	80.3	13.39	85.2	14.55	94.7	17.08	104.4	20.01
	18	52.2	8.44	63.4	10.61	74.6	12.99	80.3	14.3	85.2	15.55	94.7	18.31	104.4	21.5
	20	52.2	8.95	63.4	11.29	74.6	13.89	80.3	15.3	85.2	16.67	94.7	19.67	104.4	23.13
	21	52.2	9.23	63.4	11.66	74.6	14.37	80.3	15.84	85.2	17.27	94.7	20.4	104.4	24.01
	23	52.2	9.84	63.4	12.48	74.6	15.41	80.3	17.02	85.2	18.56	94.7	21.98	104.4	25.89
	25	52.2	10.52	63.4	13.38	74.6	16.57	80.3	18.32	85.2	19.99	94.7	23.69	104.4	27.94
	27	52.2	11.28	63.4	14.39	74.6	17.85	80.3	19.74	85.2	21.56	94.7	25.57	104.1	29.58
	29	52.2	12.11	63.4	15.48	74.6	19.24	80.3	21.29	85.2	23.27	94.7	27.61	101.3	29.38
	31	52.2	13.03	63.4	16.69	74.6	20.76	80.3	22.99	85.2	25.12	94	29.24	97	28.69
	33	52.2	14.05	63.4	18.01	74.6	22.42	80.3	24.83	85.2	27.13	90.6	29.04	92.6	27.98
	35	52.2	15.15	63.4	19.44	74.6	24.21	80.3	26.81	83.8	27.79	86.3	28.33	88.2	27.28
	37	52.2	16.36	63.4	21	74.6	26.14	78.7	27.47	80	27.09	81.9	27.63	83.8	26.58
	39	52.2	17.67	63.4	22.68	73.2	26.79	74.7	26.76	75.7	26.39	77.5	26.94	79.4	25.87
	43	52.1	20.17	59.6	23.28	64.8	25.38	65.9	25.36	66.9	24.98	68.7	25.53	70.7	24.47
	46	47.5	19.82	53.1	22.23	58.2	24.32	59.3	24.31	60.3	23.93	62.2	24.48	64.2	23.42
48	43.1	19.11	48.7	21.53	53.8	23.63	54.9	23.6	55.9	23.23	57.8	23.78	59.8	22.71	
50	38.7	18.42	44.3	20.83	49.4	22.93	50.5	22.9	51.5	22.52	53.5	23.07	55.4	22.01	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM260AXVDGH1EU

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)	Indoor Temperature (°C, WB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	10	47.5	6.15	57.7	7.61	67.9	9.16	73	9.99	77.4	10.8	86.1	12.54	94.9	14.53
	12	47.5	6.41	57.7	7.97	67.9	9.63	73	10.53	77.4	11.4	86.1	13.27	94.9	15.43
	14	47.5	6.71	57.7	8.37	67.9	10.17	73	11.14	77.4	12.08	86.1	14.11	94.9	16.45
	16	47.5	7.05	57.7	8.83	67.9	10.77	73	11.81	77.4	12.83	86.1	15.04	94.9	17.59
	18	47.5	7.44	57.7	9.35	67.9	11.45	73	12.59	77.4	13.68	86.1	16.08	94.9	18.86
	20	47.5	7.88	57.7	9.93	67.9	12.21	73	13.44	77.4	14.64	86.1	17.24	94.9	20.25
	21	47.5	8.11	57.7	10.25	67.9	12.62	73	13.91	77.4	15.15	86.1	17.87	94.9	21
	23	47.5	8.64	57.7	10.95	67.9	13.52	73	14.91	77.4	16.26	86.1	19.21	94.9	22.62
	25	47.5	9.22	57.7	11.72	67.9	14.51	73	16.02	77.4	17.49	86.1	20.7	94.9	24.39
	27	47.5	9.87	57.7	12.58	67.9	15.61	73	17.26	77.4	18.84	86.1	22.32	94.9	26.32
	29	47.5	10.59	57.7	13.53	67.9	16.81	73	18.6	77.4	20.32	86.1	24.09	94.9	28.42
	31	47.5	11.39	57.7	14.57	67.9	18.13	73	20.07	77.4	21.93	86.1	26.02	94.1	30.1
	33	47.5	12.27	57.7	15.71	67.9	19.57	73	21.67	77.4	23.68	86.1	28.1	90.7	29.4
	35	47.5	13.23	57.7	16.96	67.9	21.13	73	23.4	77.4	25.58	84.4	28.78	86.4	28.7
	37	47.5	14.28	57.7	18.32	67.9	22.82	73	25.27	76.9	27.08	80.2	28.08	82	27.99
	39	47.5	15.43	57.7	19.78	67.9	24.65	72.2	26.76	74.1	26.88	75.8	27.38	77.6	27.3
	43	47.5	18	56.5	22.13	61.9	24.04	64.5	25.94	65.3	25.47	67.1	25.97	68.8	25.89
	46	45	18.25	50.2	21.08	55.3	22.99	57.8	24.89	58.7	24.42	60.5	24.92	62.2	24.84
	48	40.7	17.54	45.8	20.38	50.9	22.29	53.5	24.18	54.3	23.72	56.1	24.22	57.8	24.14
	50	36.3	16.84	41.4	19.67	46.5	21.58	49.1	23.48	49.9	23.02	51.7	23.51	53.5	23.44
90	10	42.7	5.32	51.9	6.59	61.1	7.95	65.7	8.67	69.6	9.37	77.5	10.87	85.5	12.58
	12	42.7	5.54	51.9	6.89	61.1	8.34	65.7	9.11	69.6	9.86	77.5	11.47	85.5	13.32
	14	42.7	5.79	51.9	7.22	61.1	8.77	65.7	9.61	69.6	10.41	77.5	12.16	85.5	14.15
	16	42.7	6.07	51.9	7.59	61.1	9.27	65.7	10.16	69.6	11.03	77.5	12.92	85.5	15.08
	18	42.7	6.39	51.9	8.02	61.1	9.82	65.7	10.79	69.6	11.74	77.5	13.77	85.5	16.13
	20	42.7	6.75	51.9	8.51	61.1	10.46	65.7	11.5	69.6	12.52	77.5	14.74	85.5	17.28
	21	42.7	6.95	51.9	8.77	61.1	10.8	65.7	11.89	69.6	12.95	77.5	15.25	85.5	17.91
	23	42.7	7.38	51.9	9.35	61.1	11.55	65.7	12.73	69.6	13.87	77.5	16.38	85.5	19.26
	25	42.7	7.87	51.9	10	61.1	12.37	65.7	13.66	69.6	14.89	77.5	17.61	85.5	20.73
	27	42.7	8.41	51.9	10.71	61.1	13.29	65.7	14.68	69.6	16.03	77.5	18.98	85.5	22.36
	29	42.7	9.01	51.9	11.51	61.1	14.29	65.7	15.81	69.6	17.26	77.5	20.46	85.5	24.13
	31	42.7	9.68	51.9	12.39	61.1	15.41	65.7	17.04	69.6	18.63	77.5	22.09	85.5	26.05
	33	42.7	10.42	51.9	13.35	61.1	16.61	65.7	18.4	69.6	20.1	77.5	23.86	85.5	28.14
	35	42.7	11.23	51.9	14.4	61.1	17.94	65.7	19.86	69.6	21.71	77.5	25.76	84	28.82
	37	42.7	12.12	51.9	15.55	61.1	19.38	65.7	21.45	69.6	23.45	77.1	27.28	80.1	28.13
	39	42.7	13.09	51.9	16.79	61.1	20.93	65.7	23.16	69.5	24.82	74.1	27.07	75.7	27.43
	43	42.7	15.26	51.8	19.17	58.5	22.18	60.8	23.32	62.7	24.23	65.3	25.67	66.9	26.02
	46	41.8	16.36	47.3	18.79	51.9	21.13	54.2	22.27	56.2	23.18	58.8	24.62	60.3	24.97
	48	38.4	15.66	42.9	18.08	47.5	20.43	49.9	21.56	51.8	22.48	54.4	23.91	55.9	24.27
	50	34	14.96	38.5	17.39	43.1	19.72	45.5	20.86	47.4	21.77	50	23.21	51.5	23.56
80	10	38	4.56	46.1	5.66	54.3	6.85	58.4	7.47	61.9	8.08	68.9	9.38	75.9	10.84
	12	38	4.74	46.1	5.9	54.3	7.16	58.4	7.83	61.9	8.46	68.9	9.87	75.9	11.42
	14	38	4.94	46.1	6.18	54.3	7.51	58.4	8.23	61.9	8.91	68.9	10.41	75.9	12.09
	16	38	5.18	46.1	6.48	54.3	7.91	58.4	8.69	61.9	9.41	68.9	11.04	75.9	12.85
	18	38	5.43	46.1	6.83	54.3	8.38	58.4	9.21	61.9	9.99	68.9	11.72	75.9	13.7
	20	38	5.73	46.1	7.23	54.3	8.89	58.4	9.78	61.9	10.63	68.9	12.52	75.9	14.65
	21	38	5.89	46.1	7.45	54.3	9.16	58.4	10.09	61.9	10.98	68.9	12.94	75.9	15.16
	23	38	6.25	46.1	7.93	54.3	9.78	58.4	10.79	61.9	11.74	68.9	13.86	75.9	16.27
	25	38	6.66	46.1	8.46	54.3	10.47	58.4	11.55	61.9	12.58	68.9	14.88	75.9	17.49
	27	38	7.1	46.1	9.05	54.3	11.22	58.4	12.39	61.9	13.52	68.9	16.01	75.9	18.83
	29	38	7.6	46.1	9.71	54.3	12.06	58.4	13.33	61.9	14.55	68.9	17.25	75.9	20.31
	31	38	8.16	46.1	10.44	54.3	12.98	58.4	14.37	61.9	15.68	68.9	18.6	75.9	21.92
	33	38	8.77	46.1	11.25	54.3	14	58.4	15.49	61.9	16.91	68.9	20.07	75.9	23.66
	35	38	9.45	46.1	12.12	54.3	15.1	58.4	16.72	61.9	18.26	68.9	21.68	75.9	25.56
	37	38	10.19	46.1	13.09	54.3	16.31	58.4	18.06	61.9	19.72	68.9	23.41	75.9	27.6
	39	38	11.01	46.1	14.13	54.3	17.61	58.4	19.5	61.9	21.3	68.9	25.28	73.7	27.4
	43	38	12.83	46.1	16.48	53.8	20.1	57.1	21.81	58.8	22.59	62.4	24.7	65	25.99
	46	38	14.4	44.4	17.05	48.5	19.05	50.5	20.75	52.3	21.54	55.8	23.64	58.5	24.94
	48	35.9	14.26	40	16.34	44.1	18.35	46.2	20.05	47.9	20.83	51.4	22.94	54.1	24.24
	50	31.6	13.56	35.6	15.64	39.7	17.64	41.8	19.36	43.6	20.13	47	22.24	49.7	23.54

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM260AXVDGH1EU

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)	Indoor Temperature (°C, WB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	10	33.2	3.85	40.4	4.81	47.5	5.82	51.1	6.37	54.2	6.89	60.3	8	66.5	9.26
	12	33.2	4	40.4	5.01	47.5	6.07	51.1	6.65	54.2	7.21	60.3	8.38	66.5	9.73
	14	33.2	4.17	40.4	5.22	47.5	6.36	51.1	6.97	54.2	7.56	60.3	8.81	66.5	10.26
	16	33.2	4.35	40.4	5.47	47.5	6.68	51.1	7.34	54.2	7.96	60.3	9.31	66.5	10.86
	18	33.2	4.56	40.4	5.76	47.5	7.04	51.1	7.75	54.2	8.41	60.3	9.88	66.5	11.54
	20	33.2	4.81	40.4	6.07	47.5	7.46	51.1	8.22	54.2	8.93	60.3	10.5	66.5	12.29
	21	33.2	4.94	40.4	6.25	47.5	7.69	51.1	8.47	54.2	9.21	60.3	10.84	66.5	12.71
	23	33.2	5.23	40.4	6.64	47.5	8.18	51.1	9.02	54.2	9.83	60.3	11.59	66.5	13.6
	25	33.2	5.56	40.4	7.07	47.5	8.73	51.1	9.64	54.2	10.52	60.3	12.42	66.5	14.59
	27	33.2	5.92	40.4	7.55	47.5	9.35	51.1	10.34	54.2	11.27	60.3	13.33	66.5	15.7
	29	33.2	6.32	40.4	8.08	47.5	10.03	51.1	11.1	54.2	12.11	60.3	14.35	66.5	16.9
	31	33.2	6.78	40.4	8.68	47.5	10.79	51.1	11.94	54.2	13.05	60.3	15.46	66.5	18.22
	33	33.2	7.28	40.4	9.34	47.5	11.62	51.1	12.86	54.2	14.05	60.3	16.67	66.5	19.67
	35	33.2	7.84	40.4	10.06	47.5	12.53	51.1	13.88	54.2	15.17	60.3	18	66.5	21.24
	37	33.2	8.45	40.4	10.85	47.5	13.53	51.1	14.99	54.2	16.38	60.3	19.44	66.5	22.94
	39	33.2	9.12	40.4	11.72	47.5	14.61	51.1	16.19	54.2	17.69	60.3	21	66.5	24.77
	43	33.2	10.64	40.4	13.67	47.5	17.04	51.1	18.87	53.7	20.19	58	22.26	61.1	25.01
	46	33.2	11.94	40	14.98	45.2	17.25	46.9	18.49	48.4	19.85	51.5	21.21	54.6	23.96
48	32.5	12.56	37.2	14.86	40.8	16.54	42.6	17.79	44.1	19.15	47.1	20.5	50.2	23.25	
50	29.2	11.86	32.8	14.15	36.4	15.84	38.2	17.09	39.7	18.44	42.7	19.8	45.8	22.55	
60	10	28.5	3.21	34.6	4.01	40.7	4.87	43.8	5.34	46.4	5.79	51.7	6.73	56.9	7.79
	12	28.5	3.32	34.6	4.16	40.7	5.07	43.8	5.56	46.4	6.03	51.7	7.03	56.9	8.14
	14	28.5	3.45	34.6	4.34	40.7	5.3	43.8	5.81	46.4	6.31	51.7	7.36	56.9	8.56
	16	28.5	3.6	34.6	4.54	40.7	5.55	43.8	6.09	46.4	6.62	51.7	7.76	56.9	9.03
	18	28.5	3.77	34.6	4.76	40.7	5.84	43.8	6.42	46.4	6.98	51.7	8.19	56.9	9.56
	20	28.5	3.97	34.6	5.01	40.7	6.17	43.8	6.79	46.4	7.39	51.7	8.68	56.9	10.16
	21	28.5	4.07	34.6	5.14	40.7	6.34	43.8	6.99	46.4	7.61	51.7	8.96	56.9	10.48
	23	28.5	4.3	34.6	5.45	40.7	6.73	43.8	7.42	46.4	8.09	51.7	9.54	56.9	11.19
	25	28.5	4.56	34.6	5.79	40.7	7.17	43.8	7.92	46.4	8.64	51.7	10.2	56.9	11.97
	27	28.5	4.85	34.6	6.18	40.7	7.66	43.8	8.47	46.4	9.25	51.7	10.93	56.9	12.85
	29	28.5	5.18	34.6	6.61	40.7	8.21	43.8	9.08	46.4	9.92	51.7	11.74	56.9	13.82
	31	28.5	5.54	34.6	7.09	40.7	8.82	43.8	9.76	46.4	10.67	51.7	12.63	56.9	14.89
	33	28.5	5.95	34.6	7.62	40.7	9.48	43.8	10.5	46.4	11.48	51.7	13.62	56.9	16.05
	35	28.5	6.4	34.6	8.2	40.7	10.22	43.8	11.32	46.4	12.38	51.7	14.69	56.9	17.32
	37	28.5	6.89	34.6	8.84	40.7	11.03	43.8	12.22	46.4	13.37	51.7	15.87	56.9	18.7
	39	28.5	7.44	34.6	9.55	40.7	11.91	43.8	13.19	46.4	14.43	51.7	17.13	56.9	20.2
	43	28.5	8.68	34.6	11.14	40.7	13.89	43.8	15.39	46.4	16.84	51.7	19.55	55.9	22.61
	46	28.5	9.74	34.6	12.49	40.3	15.22	42.7	16.5	44.5	17.42	47.2	19.19	49.9	21.56
48	28.5	10.51	33.6	12.83	37.4	15.1	38.9	15.79	40.2	16.73	42.8	18.49	45.5	20.85	
50	26.8	10.28	29.9	12.13	33	14.4	34.5	15.09	35.8	16.02	38.4	17.78	41.1	20.15	
50	10	23.7	2.6	28.9	3.26	33.9	3.98	36.5	4.37	38.7	4.73	43.1	5.52	47.5	6.4
	12	23.7	2.69	28.9	3.39	33.9	4.13	36.5	4.53	38.7	4.92	43.1	5.75	47.5	6.67
	14	23.7	2.79	28.9	3.52	33.9	4.3	36.5	4.73	38.7	5.14	43.1	6	47.5	6.99
	16	23.7	2.91	28.9	3.67	33.9	4.5	36.5	4.95	38.7	5.37	43.1	6.3	47.5	7.34
	18	23.7	3.04	28.9	3.84	33.9	4.71	36.5	5.2	38.7	5.65	43.1	6.63	47.5	7.74
	20	23.7	3.19	28.9	4.04	33.9	4.96	36.5	5.48	38.7	5.96	43.1	7.01	47.5	8.2
	21	23.7	3.27	28.9	4.14	33.9	5.11	36.5	5.63	38.7	6.12	43.1	7.21	47.5	8.45
	23	23.7	3.45	28.9	4.37	33.9	5.41	36.5	5.96	38.7	6.5	43.1	7.66	47.5	8.99
	25	23.7	3.65	28.9	4.64	33.9	5.74	36.5	6.34	38.7	6.92	43.1	8.17	47.5	9.6
	27	23.7	3.88	28.9	4.94	33.9	6.12	36.5	6.77	38.7	7.39	43.1	8.74	47.5	10.28
	29	23.7	4.13	28.9	5.28	33.9	6.55	36.5	7.25	38.7	7.91	43.1	9.36	47.5	11.02
	31	23.7	4.42	28.9	5.65	33.9	7.02	36.5	7.78	38.7	8.49	43.1	10.06	47.5	11.86
	33	23.7	4.74	28.9	6.06	33.9	7.54	36.5	8.36	38.7	9.13	43.1	10.83	47.5	12.77
	35	23.7	5.09	28.9	6.52	33.9	8.12	36.5	9	38.7	9.84	43.1	11.67	47.5	13.77
	37	23.7	5.48	28.9	7.03	33.9	8.76	36.5	9.71	38.7	10.61	43.1	12.59	47.5	14.87
	39	23.7	5.91	28.9	7.58	33.9	9.45	36.5	10.48	38.7	11.46	43.1	13.6	47.5	16.05
	43	23.7	6.89	28.9	8.84	33.9	11.02	36.5	12.23	38.7	13.37	43.1	15.86	47.5	18.73
	46	23.7	7.73	28.9	9.92	33.9	12.37	36.5	13.72	38.7	14.65	42.2	17.01	45	19.01
48	23.7	8.35	28.9	10.72	33.1	12.69	35.2	14.11	36.3	14.51	38.5	16.31	40.7	18.31	
50	23.1	8.74	27	10.48	29.6	12	30.9	13.41	31.9	13.81	34.1	15.61	36.3	17.6	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM260AXVDGH1EU

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)		Indoor Temperature (°C, DB)									
	DB	WB	16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	-25	-25.1	59.8	24.08	58.4	25.48	56.9	26.75	55.1	28.4	53.5	29.85
	-22	-22.2	68.6	26.12	67.2	27.52	65.7	28.8	64	30.44	62.3	31.88
	-20	-20.2	74.6	27.48	73.1	28.89	71.6	30.16	69.9	31.8	66.9	32.96
	-17	-17.3	83.4	29.53	81.9	30.92	80.5	32.2	76.8	33.28	72.3	34
	-15	-15.3	89.3	30.89	87.8	32.28	84.7	33.28	80.4	34.09	75.2	34.45
	-12	-12.4	97.5	32.93	94.3	33.76	90.1	34.31	84.8	34.77	79.7	35.13
	-10	-10.5	101.5	33.74	97.7	34.4	93	34.77	87.6	35.22	81.8	35.5
	-7	-7.6	106.6	34.77	102.1	35.08	96.7	35.36	90.8	35.64	85	35.92
	-5	-5.6	109.2	35.22	104.2	35.36	98.8	35.64	92.9	35.92	86.8	36.2
	-3	-3.7	111.3	35.5	106.4	35.64	100.9	35.92	94.7	36.2	87.6	36.2
	0	-0.7	114.5	35.92	109.6	36.06	103	36.2	95.9	36.2	88.7	35.51
	3	2.2	116.8	36.2	110.6	36.2	104.3	36.2	97	35.63	89.4	33.75
	5	4.1	117.6	36.2	111.4	36.2	105.1	36.2	97.5	34.58	89.4	31.37
	7	6	118.5	36.2	112.3	36.2	105.8	35.13	98	32.95	89.4	29.23
	9	7.9	119.3	36.2	112.9	35.51	106.3	34.18	98	30.79	89.4	27.36
11	9.8	120.1	35.85	113.4	34.55	106.5	32.19	98	28.86	89.4	25.7	
13	11.8	120.6	34.89	113.9	33.15	106.5	30.21	98	27.15	89.4	24.24	
15	13.7	121.1	34.04	113.9	31.17	106.5	28.47	98	25.63	89.4	22.94	
120	-25	-25.1	57.9	25.62	56.6	26.75	55.3	28.12	53.6	29.39	52	30.78
	-22	-22.2	66.8	27.66	65.4	28.8	64.1	30.16	62.4	31.43	60.2	32.82
	-20	-20.2	72.7	29.03	71.4	30.16	69.9	31.52	67.7	32.79	64.2	33.62
	-17	-17.3	81.6	31.06	80.2	32.2	77.4	33.28	73.4	34	68.6	34.31
	-15	-15.3	87.4	32.42	84.6	33.28	81.2	34.09	76.4	34.45	71.6	34.77
	-12	-12.4	93.7	33.91	90	34.31	85.6	34.77	80.8	35.13	75.5	35.36
	-10	-10.5	97	34.54	92.9	34.77	88.5	35.22	82.9	35.5	77.7	35.64
	-7	-7.6	101.1	35.22	96.5	35.36	91.7	35.64	86.2	35.92	80.8	36.06
	-5	-5.6	103.3	35.5	98.6	35.64	93.9	35.92	88.2	36.2	81.6	36.01
	-3	-3.7	105.4	35.78	100.7	35.92	95.7	36.2	89	36.2	82.1	34.86
	0	-0.7	108.3	36.2	102.5	36.2	96.8	36.2	89.9	34.95	82.6	32.09
	3	2.2	109.5	36.2	103.8	36.2	97.8	34.96	90.4	32.41	82.6	28.68
	5	4.1	110.3	36.2	104.5	35.31	98.3	33.79	90.4	30.12	82.6	26.69
	7	6	111	35.6	105	34.29	98.3	31.43	90.4	28.07	82.6	24.91
	9	7.9	111.5	34.6	105.2	32.35	98.3	29.36	90.4	26.28	82.6	23.36
11	9.8	112.1	33.18	105.2	30.27	98.3	27.52	90.4	24.68	82.6	21.99	
13	11.8	112.1	31.11	105.2	28.43	98.3	25.89	90.4	23.26	82.6	20.77	
15	13.7	112.1	29.27	105.2	26.79	98.3	24.44	90.4	22.02	82.6	19.7	
110	-25	-25.1	56.1	27.26	54.8	28.12	53.5	29.39	52.2	30.61	48.8	31.43
	-22	-22.2	64.9	29.31	63.7	30.16	62.4	31.43	60.7	32.65	56.7	33.19
	-20	-20.2	70.9	30.67	69.6	31.52	67.8	32.79	64.7	33.45	60.5	34
	-17	-17.3	79.6	32.7	76.8	33.28	73.6	34	69.2	34.31	64.9	34.68
	-15	-15.3	83.6	33.5	80.3	34.09	76.5	34.45	72.2	34.77	67.8	35.13
	-12	-12.4	88.7	34.54	84.7	34.77	80.9	35.13	76.2	35.36	71.1	35.64
	-10	-10.5	91.7	34.99	87.4	35.22	83.1	35.5	78.4	35.64	73.3	35.92
	-7	-7.6	95.1	35.5	90.6	35.64	86.3	35.92	81.5	36.06	75.2	34.77
	-5	-5.6	97.2	35.78	92.7	35.92	88.2	36.2	82.1	35.41	75.7	33.01
	-3	-3.7	99.3	36.06	94.2	36.2	89.1	35.97	82.6	34.31	75.7	30.5
	0	-0.7	100.9	36.2	95.4	35.71	89.9	34.3	82.9	30.8	75.7	27.18
	3	2.2	101.9	35.44	96.2	34.11	90.1	30.91	82.9	27.53	75.7	24.33
	5	4.1	102.4	34.39	96.4	31.71	90.1	28.71	82.9	25.61	75.7	22.68
	7	6	102.7	32.45	96.4	29.51	90.1	26.76	82.9	23.9	75.7	21.2
	9	7.9	102.7	30.29	96.4	27.58	90.1	25.05	82.9	22.4	75.7	19.91
11	9.8	102.7	28.36	96.4	25.87	90.1	23.53	82.9	21.08	75.7	18.78	
13	11.8	102.7	26.65	96.4	24.34	90.1	22.18	82.9	19.92	75.7	17.78	
15	13.7	102.7	25.13	96.4	22.99	90.1	20.99	82.9	18.88	75.7	16.9	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM260AXVDGH1EU

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)		Indoor Temperature (°C, DB)									
	DB	WB	16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	-25	-25.1	54.2	28.8	53	29.65	51.9	31.35	48.6	31.15	45.4	30.74
	-22	-22.2	63.1	30.84	61.9	31.69	60.2	33.04	56.7	33.19	53.3	32.5
	-20	-20.2	68.9	32.2	67.1	33.05	64.3	33.76	60.6	34	56.9	33.3
	-17	-17.3	75.5	33.68	72.6	34.09	68.7	34.45	65	34.68	61.3	33.98
	-15	-15.3	78.7	34.31	75.5	34.54	71.7	34.91	68	35.13	63.8	34.44
	-12	-12.4	83.1	34.99	79.8	35.22	75.6	35.5	71.4	35.64	66.9	33.88
	-10	-10.5	85.6	35.36	81.9	35.5	77.7	35.78	73.5	35.61	68.8	33.04
	-7	-7.6	88.7	35.78	85.2	35.92	80.9	35.82	75.1	34.18	68.8	30.12
	-5	-5.6	90.8	36.06	86.6	36.14	81.4	34.67	75.4	31.58	68.8	27.81
	-3	-3.7	92	36.2	87.1	34.98	81.9	32.85	75.4	29.18	68.8	25.72
	0	-0.7	92.9	34.7	87.6	32.36	81.9	29.23	75.4	26	68.8	22.95
	3	2.2	93.4	31.82	87.6	28.89	81.9	26.13	75.4	23.28	68.8	20.59
	5	4.1	93.4	29.56	87.6	26.86	81.9	24.32	75.4	21.7	68.8	19.21
	7	6	93.4	27.53	87.6	25.04	81.9	22.7	75.4	20.28	68.8	17.99
	9	7.9	93.4	25.75	87.6	23.46	81.9	21.3	75.4	19.05	68.8	16.93
11	9.8	93.4	24.17	87.6	22.04	81.9	20.04	75.4	17.96	68.8	15.99	
13	11.8	93.4	22.77	87.6	20.8	81.9	18.93	75.4	17.01	68.8	15.17	
15	13.7	93.4	21.53	87.6	19.7	81.9	17.97	75.4	16.16	68.8	14.45	
90	-25	-25.1	52.4	30.25	50.4	30.92	47.8	31.15	44.9	31.19	41.9	29.78
	-22	-22.2	61.2	32.28	58.8	32.96	56	33.19	52.7	32.95	49	31.54
	-20	-20.2	65.3	33.36	62.9	33.76	59.9	34	56.4	33.75	52.4	32.17
	-17	-17.3	70.2	34.23	67.3	34.45	64.3	34.68	60.8	34.43	56.9	32.85
	-15	-15.3	73.2	34.68	70.3	34.91	67.3	35.13	63.2	34.88	58.7	31.94
	-12	-12.4	77.1	35.36	73.8	35.5	70.4	35.64	66.1	33.98	61.4	30.75
	-10	-10.5	79.3	35.64	75.9	35.78	72.4	35.11	67.8	33.17	61.9	29.19
	-7	-7.6	82.5	36.06	78.3	35.12	73.8	33.09	67.8	29.37	61.9	25.87
	-5	-5.6	83.3	35.38	78.8	33.87	73.8	30.54	67.8	27.12	61.9	23.9
	-3	-3.7	83.8	34.28	78.8	31.28	73.8	28.23	67.8	25.07	61.9	22.12
	0	-0.7	84	30.74	78.8	27.85	73.8	25.15	67.8	22.38	61.9	19.77
	3	2.2	84	27.46	78.8	24.91	73.8	22.53	67.8	20.07	61.9	17.76
	5	4.1	84	25.54	78.8	23.2	73.8	21.01	67.8	18.73	61.9	16.6
	7	6	84	23.83	78.8	21.67	73.8	19.64	67.8	17.54	61.9	15.57
	9	7.9	84	22.33	78.8	20.33	73.8	18.46	67.8	16.51	61.9	14.68
11	9.8	84	21.01	78.8	19.16	73.8	17.41	67.8	15.59	61.9	13.9	
13	11.8	84	19.84	78.8	18.11	73.8	16.49	67.8	14.79	61.9	13.2	
15	13.7	84	18.81	78.8	17.2	73.8	15.68	67.8	14.09	61.9	12.6	
80	-25	-25.1	48.3	31.15	46	31.11	43.7	30.35	41.1	28.78	38.5	26.49
	-22	-22.2	56.3	33.19	54	33.15	51.2	32.11	48	30.26	44.8	27.97
	-20	-20.2	60.1	34	57.6	33.96	54.8	32.91	51.4	30.89	47.7	28.43
	-17	-17.3	64.6	34.68	62	34.64	59.3	33.59	55.6	31.57	51.4	28.49
	-15	-15.3	67.6	35.13	64.8	35.09	61.6	33.75	57.4	30.71	53.2	27.77
	-12	-12.4	70.8	35.64	68	35.01	64.3	32.43	60.1	29.59	55.1	26.83
	-10	-10.5	72.9	35.67	69.8	34.13	65.5	31.67	60.3	28.09	55.1	24.73
	-7	-7.6	74.4	34.23	70.1	31.11	65.5	28.05	60.3	24.9	55.1	21.93
	-5	-5.6	74.7	31.73	70.1	28.72	65.5	25.92	60.3	23.01	55.1	20.28
	-3	-3.7	74.7	29.32	70.1	26.56	65.5	23.97	60.3	21.3	55.1	18.8
	0	-0.7	74.7	26.14	70.1	23.69	65.5	21.41	60.3	19.04	55.1	16.82
	3	2.2	74.7	23.4	70.1	21.24	65.5	19.21	60.3	17.13	55.1	15.15
	5	4.1	74.7	21.81	70.1	19.82	65.5	17.94	60.3	16.01	55.1	14.19
	7	6	74.7	20.39	70.1	18.55	65.5	16.81	60.3	15.02	55.1	13.32
	9	7.9	74.7	19.15	70.1	17.45	65.5	15.83	60.3	14.17	55.1	12.58
11	9.8	74.7	18.07	70.1	16.49	65.5	14.96	60.3	13.42	55.1	11.94	
13	11.8	74.7	17.11	70.1	15.62	65.5	14.21	60.3	12.76	55.1	11.36	
15	13.7	74.7	16.26	70.1	14.88	65.5	13.55	60.3	12.18	55.1	10.87	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM260AXVDGH1EU

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)		Indoor Temperature (°C, DB)									
	DB	WB	16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	-25	-25.1	43.6	30.98	41.6	29.92	39.7	27.71	37.4	25.71	34.6	24.04
	-22	-22.2	51.1	32.74	48.7	31.69	46.3	29.19	43.2	27.19	40	25.06
	-20	-20.2	54.6	33.36	52.1	32.31	49.3	29.82	46.1	27.65	42.9	25.52
	-17	-17.3	59	34.05	56.4	32.99	53.3	30.5	49.6	27.74	45.9	25.12
	-15	-15.3	61.3	34.42	58.2	32.08	55.1	29.7	51.4	27.07	47.7	24.56
	-12	-12.4	64.1	33.19	61	30.89	57.4	28.67	52.8	25.41	48.1	22.4
	-10	-10.5	65.3	32.41	61.4	29.32	57.4	26.43	52.8	23.43	48.1	20.66
	-7	-7.6	65.3	28.7	61.4	25.98	57.4	23.43	52.8	20.79	48.1	18.34
	-5	-5.6	65.3	26.51	61.4	24.01	57.4	21.66	52.8	19.23	48.1	16.97
	-3	-3.7	65.3	24.52	61.4	22.22	57.4	20.06	52.8	17.82	48.1	15.74
	0	-0.7	65.3	21.9	61.4	19.86	57.4	17.95	52.8	15.96	48.1	14.11
	3	2.2	65.3	19.66	61.4	17.85	57.4	16.15	52.8	14.39	48.1	12.73
	5	4.1	65.3	18.36	61.4	16.68	57.4	15.12	52.8	13.48	48.1	11.95
	7	6	65.3	17.2	61.4	15.65	57.4	14.19	52.8	12.67	48.1	11.24
	9	7.9	65.3	16.2	61.4	14.75	57.4	13.39	52.8	11.98	48.1	10.63
11	9.8	65.3	15.32	61.4	13.97	57.4	12.7	52.8	11.37	48.1	10.11	
13	11.8	65.3	14.54	61.4	13.28	57.4	12.08	52.8	10.83	48.1	9.65	
15	13.7	65.3	13.86	61.4	12.67	57.4	11.54	52.8	10.37	48.1	9.25	
60	-25	-25.1	39	28.61	37.3	26.36	35.2	25.28	32.8	23.42	30.5	21.19
	-22	-22.2	45.5	30.1	43.1	27.84	40.7	26.31	38	24.44	35.3	22.05
	-20	-20.2	48.4	30.56	46.1	28.29	43.7	26.76	40.8	24.9	37.7	22.5
	-17	-17.3	52.2	30.58	49.4	28.36	46.7	26.31	43.5	24.02	40.4	21.78
	-15	-15.3	54	29.78	51.2	27.67	48.5	25.71	45.2	23.52	41.3	20.7
	-12	-12.4	56.1	28.74	52.6	25.98	49.1	23.44	45.2	20.81	41.3	18.31
	-10	-10.5	56.1	26.5	52.6	23.94	49.1	21.62	45.2	19.2	41.3	16.91
	-7	-7.6	56.1	23.5	52.6	21.25	49.1	19.18	45.2	17.05	41.3	15.02
	-5	-5.6	56.1	21.72	52.6	19.65	49.1	17.76	45.2	15.78	41.3	13.92
	-3	-3.7	56.1	20.11	52.6	18.22	49.1	16.46	45.2	14.65	41.3	12.92
	0	-0.7	56.1	18	52.6	16.32	49.1	14.76	45.2	13.14	41.3	11.61
	3	2.2	56.1	16.2	52.6	14.7	49.1	13.31	45.2	11.87	41.3	10.5
	5	4.1	56.1	15.16	52.6	13.77	49.1	12.48	45.2	11.14	41.3	9.86
	7	6	56.1	14.24	52.6	12.95	49.1	11.74	45.2	10.49	41.3	9.3
	9	7.9	56.1	13.45	52.6	12.24	49.1	11.1	45.2	9.93	41.3	8.82
11	9.8	56.1	12.75	52.6	11.62	49.1	10.55	45.2	9.45	41.3	8.4	
13	11.8	56.1	12.14	52.6	11.08	49.1	10.06	45.2	9.03	41.3	8.03	
15	13.7	56.1	11.6	52.6	10.6	49.1	9.64	45.2	8.65	41.3	7.71	
50	-25	-25.1	33.7	24.52	32	23.21	30.2	22.1	28.3	19.4	26.1	18.11
	-22	-22.2	39	25.55	37	24.23	35	22.96	32.8	20.26	30.3	18.8
	-20	-20.2	41.9	26	39.7	24.7	37.5	22.9	34.8	20.25	32.2	18.4
	-17	-17.3	44.8	25.58	42.5	23.83	40.2	22.16	37.5	19.64	34.4	17.91
	-15	-15.3	46.6	25	43.9	23.33	41	21.06	37.7	18.68	34.4	16.49
	-12	-12.4	46.7	22.8	43.9	20.64	41	18.63	37.7	16.54	34.4	14.61
	-10	-10.5	46.7	21.04	43.9	19.05	41	17.2	37.7	15.27	34.4	13.48
	-7	-7.6	46.7	18.67	43.9	16.91	41	15.28	37.7	13.58	34.4	12
	-5	-5.6	46.7	17.28	43.9	15.67	41	14.16	37.7	12.58	34.4	11.13
	-3	-3.7	46.7	16.04	43.9	14.54	41	13.14	37.7	11.69	34.4	10.34
	0	-0.7	46.7	14.39	43.9	13.05	41	11.81	37.7	10.52	34.4	9.31
	3	2.2	46.7	12.99	43.9	11.79	41	10.69	37.7	9.52	34.4	8.44
	5	4.1	46.7	12.19	43.9	11.07	41	10.03	37.7	8.96	34.4	7.94
	7	6	46.7	11.47	43.9	10.43	41	9.46	37.7	8.45	34.4	7.5
	9	7.9	46.7	10.86	43.9	9.89	41	8.97	37.7	8.02	34.4	7.12
11	9.8	46.7	10.32	43.9	9.41	41	8.54	37.7	7.64	34.4	6.8	
13	11.8	46.7	9.86	43.9	8.98	41	8.17	37.7	7.32	34.4	6.51	
15	13.7	46.7	9.45	43.9	8.62	41	7.84	37.7	7.03	34.4	6.26	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM280AXVDGH1EU

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)	Indoor Temperature (°C, WB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	10	66.4	9.3	80.7	11.43	95	13.76	102.2	15	108.3	16.19	120.5	18.84	132.9	21.89
	12	66.4	9.72	80.7	12.01	95	14.51	102.2	15.87	108.3	17.17	120.5	20.05	132.9	23.39
	14	66.4	10.2	80.7	12.66	95	15.37	102.2	16.85	108.3	18.27	120.5	21.4	132.9	25.04
	16	66.4	10.73	80.7	13.39	95	16.34	102.2	17.95	108.3	19.49	120.5	22.9	132.9	26.87
	18	66.4	11.35	80.7	14.23	95	17.42	102.2	19.17	108.3	20.86	120.5	24.58	132.9	28.9
	20	66.4	12.03	80.7	15.16	95	18.64	102.2	20.54	108.3	22.37	120.5	26.43	132.9	31.12
	21	66.4	12.41	80.7	15.67	95	19.3	102.2	21.27	108.3	23.19	120.5	27.42	132.6	32.03
	23	66.4	13.23	80.7	16.76	95	20.71	102.2	22.87	108.3	24.95	120.5	29.55	129.6	32.01
	25	66.4	14.15	80.7	17.99	95	22.28	102.2	24.63	108.3	26.88	120.3	31.59	125.1	31.28
	27	66.4	15.17	80.7	19.34	95	23.99	102.2	26.54	108.3	28.99	117.6	31.56	120.4	30.54
	29	66.4	16.29	80.7	20.81	95	25.87	102.2	28.65	108.1	31.02	113.2	30.83	115.7	29.81
	31	66.4	17.54	80.7	22.44	95	27.93	102	30.65	105.7	31	108.5	30.1	111	29.07
	33	66.4	18.9	80.7	24.22	95	29.89	99.7	30.63	101.4	30.26	103.8	29.36	106.3	28.34
	35	66.4	20.39	80.7	26.15	93.1	30.37	95.4	29.89	96.7	29.53	99.1	28.64	101.5	27.62
	37	66.4	22.02	80.7	28.25	89.2	29.99	90.7	29.16	91.9	28.79	94.4	27.9	96.8	26.88
	39	66.4	23.78	80	29.58	84.5	29.25	86	28.42	87.2	28.06	89.7	27.17	92.1	26.15
	43	65.4	26.67	72.2	28.82	75.1	27.79	76.6	26.97	77.8	26.59	80.2	25.7	82.7	24.68
	46	58.6	25.58	65.2	27.73	68	26.69	69.4	25.86	70.7	25.5	73.1	24.61	75.6	23.59
	48	53.9	24.84	60.5	26.99	63.3	25.96	64.7	25.13	65.9	24.76	68.4	23.87	70.8	22.85
	50	49.2	24.11	55.8	26.26	58.6	25.22	60	24.4	61.2	24.03	63.7	23.14	66.1	22.12
120	10	61.3	8.35	74.6	10.28	87.7	12.36	94.3	13.47	99.9	14.54	111.3	16.88	122.6	19.57
	12	61.3	8.71	74.6	10.77	87.7	13.01	94.3	14.21	99.9	15.37	111.3	17.91	122.6	20.83
	14	61.3	9.12	74.6	11.33	87.7	13.74	94.3	15.04	99.9	16.31	111.3	19.07	122.6	22.25
	16	61.3	9.59	74.6	11.96	87.7	14.57	94.3	15.99	99.9	17.36	111.3	20.37	122.6	23.83
	18	61.3	10.11	74.6	12.68	87.7	15.51	94.3	17.05	99.9	18.54	111.3	21.81	122.6	25.58
	20	61.3	10.71	74.6	13.49	87.7	16.56	94.3	18.23	99.9	19.85	111.3	23.41	122.6	27.52
	21	61.3	11.04	74.6	13.92	87.7	17.13	94.3	18.87	99.9	20.56	111.3	24.27	122.6	28.55
	23	61.3	11.75	74.6	14.88	87.7	18.36	94.3	20.25	99.9	22.09	111.3	26.12	122.6	30.78
	25	61.3	12.55	74.6	15.94	87.7	19.72	94.3	21.79	99.9	23.78	111.3	28.15	121.9	31.66
	27	61.3	13.44	74.6	17.12	87.7	21.22	94.3	23.46	99.9	25.62	111.3	30.37	118.3	31.29
	29	61.3	14.42	74.6	18.41	87.7	22.87	94.3	25.31	99.9	27.65	110.3	31.27	113.6	30.56
	31	61.3	15.5	74.6	19.83	87.7	24.67	94.3	27.31	99.9	29.84	106.6	30.89	108.9	29.82
	33	61.3	16.7	74.6	21.39	87.7	26.63	94.3	29.49	98.7	30.32	101.9	30.16	104.2	29.09
	35	61.3	18.01	74.6	23.09	87.7	28.76	92.9	29.97	94.9	29.95	97.2	29.42	99.5	28.36
	37	61.3	19.44	74.6	24.94	86.7	29.24	89.1	29.59	90.2	29.21	92.5	28.69	94.8	27.62
	39	61.3	20.99	74.6	26.93	83.1	28.86	84.4	28.85	85.5	28.48	87.8	27.95	90	26.89
	43	61.3	24.48	69.8	27.36	73.6	27.4	75	27.39	76.1	27.01	78.3	26.49	80.6	25.43
	46	56.1	23.94	62.6	26.26	66.6	26.29	67.9	26.29	69.1	25.92	71.3	25.39	73.5	24.32
	48	51.4	23.2	57.9	25.53	61.9	25.56	63.2	25.56	64.3	25.18	66.6	24.66	68.8	23.59
	50	46.7	22.47	53.2	24.8	57.2	24.82	58.4	24.82	59.6	24.45	61.9	23.92	64.1	22.87
110	10	56.2	7.45	68.3	9.2	80.4	11.07	86.5	12.05	91.7	13.01	102	15.1	112.5	17.45
	12	56.2	7.77	68.3	9.62	80.4	11.62	86.5	12.68	91.7	13.71	102	15.96	112.5	18.53
	14	56.2	8.12	68.3	10.1	80.4	12.25	86.5	13.4	91.7	14.51	102	16.94	112.5	19.73
	16	56.2	8.52	68.3	10.64	80.4	12.96	86.5	14.2	91.7	15.41	102	18.05	112.5	21.08
	18	56.2	8.97	68.3	11.25	80.4	13.75	86.5	15.11	91.7	16.41	102	19.28	112.5	22.58
	20	56.2	9.49	68.3	11.94	80.4	14.65	86.5	16.12	91.7	17.54	102	20.66	112.5	24.24
	21	56.2	9.76	68.3	12.31	80.4	15.14	86.5	16.67	91.7	18.15	102	21.4	112.5	25.14
	23	56.2	10.37	68.3	13.14	80.4	16.2	86.5	17.87	91.7	19.47	102	23.01	112.5	27.06
	25	56.2	11.06	68.3	14.05	80.4	17.37	86.5	19.2	91.7	20.93	102	24.77	112.5	29.17
	27	56.2	11.83	68.3	15.08	80.4	18.68	86.5	20.65	91.7	22.54	102	26.7	112.5	31.47
	29	56.2	12.68	68.3	16.19	80.4	20.11	86.5	22.25	91.7	24.3	102	28.81	110.7	31.94
	31	56.2	13.63	68.3	17.44	80.4	21.68	86.5	24.01	91.7	26.22	101.9	30.82	106.8	31.57
	33	56.2	14.67	68.3	18.8	80.4	23.4	86.5	25.91	91.7	28.3	99.5	31.3	102.1	30.84
	35	56.2	15.81	68.3	20.28	80.4	25.26	86.5	27.98	91.2	29.9	95.3	30.56	97.4	30.11
	37	56.2	17.07	68.3	21.9	80.4	27.28	85.8	29.32	88.4	29.88	90.6	29.83	92.7	29.37
	39	56.2	18.43	68.3	23.66	79.8	28.6	82.8	29.29	83.9	29.14	85.9	29.11	88	28.64
	43	56.2	21.49	66.5	25.52	72.2	27.85	73.4	27.82	74.5	27.68	76.4	27.64	78.5	27.17
	46	53.5	22.11	59.6	24.42	65.1	26.74	66.3	26.73	67.3	26.58	69.4	26.54	71.5	26.08
	48	48.8	21.38	54.9	23.69	60.4	26.02	61.6	25.99	62.6	25.85	64.7	25.81	66.8	25.34
	50	44.1	20.65	50.2	22.95	55.6	25.28	56.9	25.26	57.9	25.11	60	25.07	62.1	24.61

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM280AXVDGH1EU

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)	Indoor Temperature (°C, WB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	10	51.1	6.61	62.1	8.19	73.2	9.85	78.6	10.74	83.3	11.59	92.8	13.44	102.2	15.53
	12	51.1	6.88	62.1	8.54	73.2	10.32	78.6	11.27	83.3	12.19	92.8	14.17	102.2	16.42
	14	51.1	7.18	62.1	8.94	73.2	10.85	78.6	11.88	83.3	12.86	92.8	15	102.2	17.44
	16	51.1	7.52	62.1	9.41	73.2	11.45	78.6	12.55	83.3	13.62	92.8	15.93	102.2	18.58
	18	51.1	7.91	62.1	9.93	73.2	12.13	78.6	13.33	83.3	14.47	92.8	16.98	102.2	19.85
	20	51.1	8.35	62.1	10.51	73.2	12.9	78.6	14.19	83.3	15.43	92.8	18.16	102.2	21.27
	21	51.1	8.59	62.1	10.83	73.2	13.32	78.6	14.66	83.3	15.95	92.8	18.79	102.2	22.03
	23	51.1	9.12	62.1	11.53	73.2	14.22	78.6	15.68	83.3	17.08	92.8	20.16	102.2	23.69
	25	51.1	9.71	62.1	12.32	73.2	15.23	78.6	16.81	83.3	18.33	92.8	21.67	102.2	25.5
	27	51.1	10.36	62.1	13.2	73.2	16.35	78.6	18.07	83.3	19.71	92.8	23.34	102.2	27.48
	29	51.1	11.1	62.1	14.16	73.2	17.58	78.6	19.45	83.3	21.23	92.8	25.16	102.2	29.66
	31	51.1	11.92	62.1	15.24	73.2	18.94	78.6	20.97	83.3	22.9	92.8	27.16	102	31.73
	33	51.1	12.82	62.1	16.41	73.2	20.43	78.6	22.62	83.3	24.71	92.8	29.33	99.7	31.7
	35	51.1	13.81	62.1	17.7	73.2	22.05	78.6	24.42	83.3	26.69	92	30.69	95.4	30.97
	37	51.1	14.9	62.1	19.11	73.2	23.81	78.6	26.37	83.3	28.58	88.8	30.31	90.7	30.23
	39	51.1	16.09	62.1	20.63	73.2	25.72	78.4	28.24	81.4	29.05	84.1	29.58	86	29.51
	43	51.1	18.77	62.1	24.07	69.1	26.33	71.8	28.19	72.8	27.94	74.7	28.11	76.6	28.04
	46	50.4	20.38	56.5	23.52	61.9	25.24	64.7	27.09	65.6	26.84	67.5	27.02	69.4	26.95
48	46.2	19.65	51.8	22.78	57.2	24.5	60	26.36	60.9	26.11	62.8	26.28	64.7	26.21	
50	41.5	18.91	47.1	22.05	52.5	23.77	55.3	25.63	56.2	25.38	58.1	25.55	60	25.48	
90	10	46	5.72	55.9	7.08	65.8	8.56	70.7	9.33	75	10.07	83.5	11.68	92	13.48
	12	46	5.94	55.9	7.38	65.8	8.95	70.7	9.76	75	10.56	83.5	12.27	92	14.21
	14	46	6.19	55.9	7.72	65.8	9.38	70.7	10.26	75	11.11	83.5	12.95	92	15.04
	16	46	6.47	55.9	8.09	65.8	9.88	70.7	10.81	75	11.73	83.5	13.72	92	15.98
	18	46	6.79	55.9	8.52	65.8	10.43	70.7	11.45	75	12.44	83.5	14.57	92	17.02
	20	46	7.16	55.9	9	65.8	11.06	70.7	12.16	75	13.22	83.5	15.54	92	18.19
	21	46	7.36	55.9	9.27	65.8	11.41	70.7	12.55	75	13.66	83.5	16.06	92	18.82
	23	46	7.79	55.9	9.86	65.8	12.17	70.7	13.4	75	14.59	83.5	17.2	92	20.2
	25	46	8.28	55.9	10.51	65.8	13.01	70.7	14.34	75	15.63	83.5	18.46	92	21.7
	27	46	8.83	55.9	11.24	65.8	13.94	70.7	15.39	75	16.79	83.5	19.86	92	23.37
	29	46	9.44	55.9	12.04	65.8	14.97	70.7	16.54	75	18.06	83.5	21.39	92	25.2
	31	46	10.13	55.9	12.95	65.8	16.11	70.7	17.81	75	19.46	83.5	23.07	92	27.19
	33	46	10.89	55.9	13.94	65.8	17.36	70.7	19.21	75	20.99	83.5	24.9	92	29.36
	35	46	11.72	55.9	15.02	65.8	18.73	70.7	20.73	75	22.66	83.5	26.88	91.5	30.72
	37	46	12.64	55.9	16.21	65.8	20.23	70.7	22.39	75	24.47	83.4	28.78	88.5	30.71
	39	46	13.64	55.9	17.51	65.8	21.85	70.7	24.18	75	26.43	81.5	29.26	83.9	29.97
	43	46	15.91	55.9	20.42	65	24.5	67.9	25.73	70	26.85	72.8	28.14	74.5	28.51
	46	46	17.86	53.4	20.98	58.3	23.4	60.8	24.64	62.9	25.75	65.7	27.05	67.4	27.41
48	43.7	17.57	48.7	20.24	53.6	22.67	56.1	23.9	58.2	25.02	61	26.31	62.6	26.68	
50	39	16.83	43.9	19.52	48.9	21.94	51.4	23.17	53.5	24.29	56.3	25.58	57.9	25.94	
80	10	40.9	4.9	49.6	6.09	58.5	7.37	62.9	8.04	66.7	8.69	74.2	10.09	81.7	11.64
	12	40.9	5.08	49.6	6.33	58.5	7.68	62.9	8.4	66.7	9.08	74.2	10.57	81.7	12.23
	14	40.9	5.29	49.6	6.61	58.5	8.03	62.9	8.8	66.7	9.53	74.2	11.11	81.7	12.89
	16	40.9	5.52	49.6	6.91	58.5	8.43	62.9	9.26	66.7	10.03	74.2	11.74	81.7	13.65
	18	40.9	5.78	49.6	7.26	58.5	8.89	62.9	9.77	66.7	10.61	74.2	12.42	81.7	14.5
	20	40.9	6.07	49.6	7.66	58.5	9.41	62.9	10.35	66.7	11.24	74.2	13.22	81.7	15.46
	21	40.9	6.24	49.6	7.88	58.5	9.68	62.9	10.67	66.7	11.6	74.2	13.64	81.7	15.98
	23	40.9	6.59	49.6	8.36	58.5	10.3	62.9	11.36	66.7	12.37	74.2	14.58	81.7	17.1
	25	40.9	7.01	49.6	8.9	58.5	11	62.9	12.14	66.7	13.22	74.2	15.61	81.7	18.35
	27	40.9	7.46	49.6	9.5	58.5	11.76	62.9	13	66.7	14.18	74.2	16.77	81.7	19.72
	29	40.9	7.97	49.6	10.17	58.5	12.62	62.9	13.96	66.7	15.23	74.2	18.04	81.7	21.24
	31	40.9	8.54	49.6	10.91	58.5	13.57	62.9	15.02	66.7	16.39	74.2	19.43	81.7	22.9
	33	40.9	9.17	49.6	11.74	58.5	14.61	62.9	16.18	66.7	17.67	74.2	20.95	81.7	24.71
	35	40.9	9.86	49.6	12.64	58.5	15.75	62.9	17.45	66.7	19.06	74.2	22.62	81.7	26.68
	37	40.9	10.63	49.6	13.64	58.5	17.01	62.9	18.84	66.7	20.58	74.2	24.43	81.7	28.82
	39	40.9	11.47	49.6	14.73	58.5	18.36	62.9	20.35	66.7	22.23	74.2	26.38	80.7	29.29
	43	40.9	13.37	49.6	17.17	58.5	21.41	62.9	23.73	65.4	24.93	69.6	26.81	72.4	28.18
	46	40.9	15.01	49.4	18.63	54.6	20.82	56.9	22.98	58.8	23.84	62.5	25.7	65.4	27.08
48	40.5	15.63	45.5	17.9	49.9	20.08	52.1	22.25	54.1	23.1	57.8	24.97	60.7	26.35	
50	36.4	14.9	40.8	17.16	45.2	19.35	47.4	21.52	49.3	22.37	53.1	24.23	56	25.62	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM280AXVDGH1EU

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)	Indoor Temperature (°C, WB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	10	35.8	4.14	43.5	5.17	51.2	6.27	55	6.86	58.3	7.42	65	8.61	71.6	9.95
	12	35.8	4.29	43.5	5.37	51.2	6.52	55	7.14	58.3	7.73	65	8.99	71.6	10.42
	14	35.8	4.46	43.5	5.58	51.2	6.8	55	7.46	58.3	8.08	65	9.42	71.6	10.95
	16	35.8	4.64	43.5	5.84	51.2	7.12	55	7.83	58.3	8.48	65	9.92	71.6	11.55
	18	35.8	4.86	43.5	6.12	51.2	7.49	55	8.24	58.3	8.94	65	10.48	71.6	12.23
	20	35.8	5.11	43.5	6.44	51.2	7.9	55	8.71	58.3	9.45	65	11.1	71.6	12.99
	21	35.8	5.24	43.5	6.62	51.2	8.14	55	8.96	58.3	9.74	65	11.45	71.6	13.4
	23	35.8	5.53	43.5	7	51.2	8.63	55	9.52	58.3	10.36	65	12.21	71.6	14.31
	25	35.8	5.86	43.5	7.44	51.2	9.19	55	10.15	58.3	11.06	65	13.05	71.6	15.32
	27	35.8	6.23	43.5	7.93	51.2	9.82	55	10.85	58.3	11.82	65	13.98	71.6	16.45
	29	35.8	6.64	43.5	8.47	51.2	10.51	55	11.63	58.3	12.68	65	15.02	71.6	17.68
	31	35.8	7.11	43.5	9.08	51.2	11.29	55	12.49	58.3	13.64	65	16.15	71.6	19.04
	33	35.8	7.62	43.5	9.76	51.2	12.15	55	13.44	58.3	14.68	65	17.41	71.6	20.53
	35	35.8	8.19	43.5	10.5	51.2	13.08	55	14.49	58.3	15.83	65	18.78	71.6	22.16
	37	35.8	8.82	43.5	11.32	51.2	14.12	55	15.64	58.3	17.09	65	20.28	71.6	23.93
	39	35.8	9.52	43.5	12.22	51.2	15.24	55	16.89	58.3	18.45	65	21.9	71.6	25.85
	43	35.8	11.1	43.5	14.25	51.2	17.77	55	19.69	58.3	21.52	64.4	24.76	68.2	27.3
	46	35.8	12.45	43.5	15.99	50.6	19.29	53	20.22	54.6	21.63	57.9	23.67	61.2	26.21
	48	35.8	13.44	42.4	16.67	46.3	18.56	48.3	19.49	49.9	20.9	53.2	22.93	56.5	25.47
	50	33.8	13.08	37.8	15.94	41.6	17.82	43.6	18.76	45.2	20.17	48.5	22.2	51.8	24.74
60	10	30.7	3.44	37.2	4.31	43.9	5.24	47.2	5.74	50	6.22	55.7	7.24	61.3	8.39
	12	30.7	3.56	37.2	4.46	43.9	5.44	47.2	5.96	50	6.46	55.7	7.54	61.3	8.74
	14	30.7	3.69	37.2	4.64	43.9	5.67	47.2	6.21	50	6.74	55.7	7.87	61.3	9.16
	16	30.7	3.84	37.2	4.84	43.9	5.92	47.2	6.5	50	7.06	55.7	8.27	61.3	9.62
	18	30.7	4.01	37.2	5.06	43.9	6.21	47.2	6.83	50	7.42	55.7	8.7	61.3	10.16
	20	30.7	4.21	37.2	5.31	43.9	6.54	47.2	7.19	50	7.83	55.7	9.19	61.3	10.76
	21	30.7	4.31	37.2	5.45	43.9	6.71	47.2	7.39	50	8.05	55.7	9.47	61.3	11.08
	23	30.7	4.54	37.2	5.76	43.9	7.11	47.2	7.83	50	8.54	55.7	10.06	61.3	11.8
	25	30.7	4.81	37.2	6.1	43.9	7.55	47.2	8.33	50	9.09	55.7	10.73	61.3	12.59
	27	30.7	5.1	37.2	6.5	43.9	8.05	47.2	8.89	50	9.71	55.7	11.47	61.3	13.48
	29	30.7	5.43	37.2	6.94	43.9	8.61	47.2	9.51	50	10.4	55.7	12.3	61.3	14.47
	31	30.7	5.8	37.2	7.43	43.9	9.23	47.2	10.2	50	11.16	55.7	13.21	61.3	15.57
	33	30.7	6.22	37.2	7.97	43.9	9.91	47.2	10.97	50	11.99	55.7	14.23	61.3	16.77
	35	30.7	6.68	37.2	8.56	43.9	10.67	47.2	11.81	50	12.92	55.7	15.33	61.3	18.08
	37	30.7	7.19	37.2	9.22	43.9	11.5	47.2	12.74	50	13.94	55.7	16.55	61.3	19.51
	39	30.7	7.75	37.2	9.95	43.9	12.42	47.2	13.75	50	15.05	55.7	17.87	61.3	21.08
	43	30.7	9.04	37.2	11.6	43.9	14.48	47.2	16.04	50	17.55	55.7	20.84	61.3	24.58
	46	30.7	10.15	37.2	13.02	43.9	16.25	47.2	18	49.7	19.04	53.2	21.43	56.1	24.04
	48	30.7	10.95	37.2	14.06	42.7	16.95	44.3	17.71	45.7	18.32	48.5	20.7	51.4	23.31
	50	30.5	11.35	34.7	13.71	38	16.21	39.6	16.98	41	17.59	43.8	19.96	46.7	22.57
50	10	25.5	2.79	31.1	3.49	36.5	4.27	39.3	4.7	41.7	5.08	46.4	5.93	51.1	6.89
	12	25.5	2.88	31.1	3.62	36.5	4.43	39.3	4.87	41.7	5.28	46.4	6.16	51.1	7.16
	14	25.5	2.98	31.1	3.76	36.5	4.6	39.3	5.06	41.7	5.5	46.4	6.42	51.1	7.47
	16	25.5	3.1	31.1	3.91	36.5	4.8	39.3	5.28	41.7	5.73	46.4	6.71	51.1	7.83
	18	25.5	3.23	31.1	4.08	36.5	5.02	39.3	5.53	41.7	6.01	46.4	7.05	51.1	8.23
	20	25.5	3.38	31.1	4.28	36.5	5.27	39.3	5.81	41.7	6.32	46.4	7.43	51.1	8.69
	21	25.5	3.46	31.1	4.38	36.5	5.41	39.3	5.97	41.7	6.49	46.4	7.63	51.1	8.94
	23	25.5	3.64	31.1	4.62	36.5	5.71	39.3	6.3	41.7	6.87	46.4	8.09	51.1	9.48
	25	25.5	3.85	31.1	4.88	36.5	6.05	39.3	6.69	41.7	7.29	46.4	8.6	51.1	10.1
	27	25.5	4.08	31.1	5.19	36.5	6.44	39.3	7.12	41.7	7.77	46.4	9.17	51.1	10.79
	29	25.5	4.33	31.1	5.53	36.5	6.87	39.3	7.61	41.7	8.3	46.4	9.81	51.1	11.55
	31	25.5	4.62	31.1	5.91	36.5	7.35	39.3	8.15	41.7	8.89	46.4	10.52	51.1	12.4
	33	25.5	4.95	31.1	6.33	36.5	7.89	39.3	8.74	41.7	9.54	46.4	11.32	51.1	13.34
	35	25.5	5.31	31.1	6.8	36.5	8.48	39.3	9.4	41.7	10.27	46.4	12.18	51.1	14.37
	37	25.5	5.72	31.1	7.32	36.5	9.14	39.3	10.13	41.7	11.07	46.4	13.13	51.1	15.51
	39	25.5	6.16	31.1	7.89	36.5	9.86	39.3	10.93	41.7	11.95	46.4	14.18	51.1	16.74
	43	25.5	7.17	31.1	9.2	36.5	11.49	39.3	12.75	41.7	13.93	46.4	16.54	51.1	19.53
	46	25.5	8.04	31.1	10.32	36.5	12.89	39.3	14.3	41.7	15.64	46.4	18.56	50.4	21.21
	48	25.5	8.69	31.1	11.15	36.5	13.92	39.3	15.45	41	16.29	43.9	18.28	46.2	20.48
	50	25.5	9.38	30.8	11.56	34.3	13.57	35.7	14.71	36.8	15.56	39.2	17.54	41.5	19.74

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM280AXVDGH1EU

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)		Indoor Temperature (°C, DB)									
	DB	WB	16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	-25	-25.1	66.1	25.61	64.5	26.62	63	28.08	61.1	30.04	59.3	31.51
	-22	-22.2	75.6	27.8	74	28.82	72.4	30.29	70.4	32.24	66.9	33.28
	-20	-20.2	82	29.27	80.5	30.29	78.8	31.75	75.4	33.28	70.6	34.05
	-17	-17.3	91.5	31.47	89.3	32.48	86.3	33.53	80.9	34.3	75.4	34.79
	-15	-15.3	97.1	32.72	94.3	33.53	89.7	34.3	84.1	34.79	78.5	35.28
	-12	-12.4	103.9	34.3	99.4	34.54	94.5	35.04	88.8	35.52	83.4	36.01
	-10	-10.5	107.1	34.79	102.6	35.04	97.7	35.52	92	36.01	86.5	36.5
	-7	-7.6	111.9	35.52	107.3	35.77	102.4	36.26	96.7	36.74	91.1	37.23
	-5	-5.6	115	36.01	110.5	36.26	105.6	36.74	99.6	37.23	93	37.51
	-3	-3.7	118.2	36.5	113.8	36.74	108.5	37.23	101.5	37.51	93.8	37.51
	0	-0.7	123	37.23	117.5	37.37	110.6	37.51	102.8	37.51	95.2	37.51
	3	2.2	125.3	37.51	118.7	37.51	112	37.51	104.1	37.51	96.3	36.21
	5	4.1	126.2	37.51	119.5	37.51	112.9	37.51	105	37.21	96.3	33.7
	7	6	127.1	37.51	120.4	37.51	113.8	37.51	105.5	35.43	96.3	31.43
	9	7.9	128	37.51	121.3	37.51	114.4	36.8	105.5	33.14	96.3	29.46
11	9.8	128.9	37.51	122.2	37.27	114.6	34.68	105.5	31.1	96.3	27.71	
13	11.8	129.7	37.51	122.7	35.74	114.6	32.58	105.5	29.29	96.3	26.17	
15	13.7	130.4	36.69	122.7	33.63	114.6	30.74	105.5	27.69	96.3	24.8	
120	-25	-25.1	64.1	27.07	62.6	28.08	61.2	29.56	59.5	31.23	57.2	32.24
	-22	-22.2	73.7	29.27	72.1	30.29	70.7	31.75	67.5	33	64	33.81
	-20	-20.2	80	30.74	78.5	31.75	75.7	33	71.8	34.05	67.2	34.3
	-17	-17.3	88.7	32.72	86.1	33.53	81.8	34.3	76.6	34.79	71.9	35.04
	-15	-15.3	93.7	33.77	89.7	34.3	85	34.79	79.7	35.28	75.2	35.52
	-12	-12.4	98.5	34.79	94.4	35.04	89.7	35.52	84.5	36.01	79.9	36.26
	-10	-10.5	101.7	35.28	97.6	35.52	92.9	36.01	87.6	36.5	83.1	36.74
	-7	-7.6	106.4	36.01	102.4	36.26	97.7	36.74	92.4	37.23	86.7	37.37
	-5	-5.6	109.6	36.5	105.6	36.74	100.7	37.23	94.5	37.51	87.5	37.51
	-3	-3.7	112.8	36.99	108.2	37.23	102.5	37.51	95.4	37.51	88.4	37.38
	0	-0.7	116.2	37.51	110.1	37.51	103.8	37.51	96.6	37.51	88.9	34.37
	3	2.2	117.5	37.51	111.5	37.51	105.2	37.51	97.3	34.79	88.9	30.76
	5	4.1	118.4	37.51	112.4	37.51	105.9	36.3	97.3	32.36	88.9	28.66
	7	6	119.2	37.51	113	36.9	105.9	33.8	97.3	30.19	88.9	26.79
	9	7.9	120.1	37.3	113.2	34.81	105.9	31.61	97.3	28.3	88.9	25.16
11	9.8	120.7	35.74	113.2	32.6	105.9	29.67	97.3	26.61	88.9	23.72	
13	11.8	120.7	33.54	113.2	30.65	105.9	27.95	97.3	25.12	88.9	22.45	
15	13.7	120.7	31.59	113.2	28.92	105.9	26.42	97.3	23.81	88.9	21.33	
110	-25	-25.1	62.1	28.82	60.7	29.76	59.3	31.02	57.6	32.24	53.4	33
	-22	-22.2	71.6	31.02	70.3	31.96	67.7	33	64.7	33.81	60	34.3
	-20	-20.2	77.6	32.48	75.2	33	72.2	34.05	67.9	34.3	63.1	34.79
	-17	-17.3	85	34.05	81.1	34.3	76.9	34.79	72.6	35.04	67.9	35.52
	-15	-15.3	88.1	34.54	84.3	34.79	80.1	35.28	75.8	35.52	71	36.01
	-12	-12.4	93	35.28	89	35.52	84.8	36.01	80.6	36.26	75.8	36.74
	-10	-10.5	96.1	35.77	92.2	36.01	88.1	36.5	83.8	36.74	78.7	37.23
	-7	-7.6	100.9	36.5	96.9	36.74	92.7	37.23	87.5	37.37	81	37.21
	-5	-5.6	104	36.99	99.6	37.23	94.7	37.51	88.3	37.51	81.5	35.28
	-3	-3.7	106.5	37.37	101.1	37.51	95.6	37.51	89	36.74	81.5	32.62
	0	-0.7	108.2	37.51	102.4	37.51	96.8	36.79	89.3	33	81.5	29.11
	3	2.2	109.4	37.51	103.6	36.61	97	33.16	89.3	29.53	81.5	26.1
	5	4.1	110.3	36.98	103.8	34.06	97	30.84	89.3	27.51	81.5	24.36
	7	6	110.6	34.89	103.8	31.73	97	28.77	89.3	25.7	81.5	22.8
	9	7.9	110.6	32.6	103.8	29.68	97	26.96	89.3	24.13	81.5	21.45
11	9.8	110.6	30.56	103.8	27.87	97	25.36	89.3	22.74	81.5	20.26	
13	11.8	110.6	28.75	103.8	26.26	97	23.94	89.3	21.52	81.5	19.22	
15	13.7	110.6	27.14	103.8	24.84	97	22.69	89.3	20.43	81.5	18.3	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM280AXVDGH1EU

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)		Indoor Temperature (°C, DB)									
	DB	WB	16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	-25	-25.1	60.1	30.29	58.8	31.23	57.1	32.83	53.4	32.72	49.8	31.8
	-22	-22.2	69.1	32.48	66.9	33	64	34.05	60.2	34.3	56.3	33.09
	-20	-20.2	74.1	33.53	71.1	34.05	67.2	34.54	63.3	34.79	59.5	33.58
	-17	-17.3	79.3	34.54	75.9	34.79	71.9	35.28	68.1	35.52	64.2	34.31
	-15	-15.3	82.5	35.04	79	35.28	75.1	35.77	71.2	36.01	67.4	34.8
	-12	-12.4	87.2	35.77	83.8	36.01	79.9	36.5	76.1	36.74	72.1	35.54
	-10	-10.5	90.4	36.26	86.9	36.5	83.1	36.99	78.9	37.23	74.1	35.29
	-7	-7.6	95.2	36.99	91.3	37.23	86.8	37.51	80.9	36.49	74.1	32.14
	-5	-5.6	97.5	37.37	92.8	37.51	87.7	37.14	81.2	33.73	74.1	29.69
	-3	-3.7	98.7	37.51	93.7	37.51	88.2	35.15	81.2	31.19	74.1	27.48
	0	-0.7	100.1	37.28	94.4	34.69	88.2	31.31	81.2	27.83	74.1	24.56
	3	2.2	100.6	34.16	94.4	31.01	88.2	28.03	81.2	24.96	74.1	22.07
	5	4.1	100.6	31.76	94.4	28.86	88.2	26.12	81.2	23.29	74.1	20.63
	7	6	100.6	29.61	94.4	26.93	88.2	24.41	81.2	21.8	74.1	19.35
	9	7.9	100.6	27.73	94.4	25.26	88.2	22.93	81.2	20.51	74.1	18.24
11	9.8	100.6	26.06	94.4	23.77	88.2	21.62	81.2	19.37	74.1	17.27	
13	11.8	100.6	24.59	94.4	22.46	88.2	20.45	81.2	18.38	74.1	16.42	
15	13.7	100.6	23.28	94.4	21.3	88.2	19.44	81.2	17.49	74.1	15.67	
90	-25	-25.1	58	31.96	55.4	32.48	52.6	32.72	49.2	32.61	45.6	29.74
	-22	-22.2	65.5	33.53	62.5	34.05	59.4	34.3	55.6	33.9	51.3	31.03
	-20	-20.2	68.7	34.3	65.7	34.54	62.6	34.79	58.8	34.39	54.5	31.51
	-17	-17.3	73.5	35.04	70.5	35.28	67.3	35.52	63.5	35.12	59.3	32.25
	-15	-15.3	76.6	35.52	73.6	35.77	70.5	36.01	66.7	35.61	62.5	32.73
	-12	-12.4	81.4	36.26	78.4	36.5	75.3	36.74	71.3	36.35	66.2	32.77
	-10	-10.5	84.6	36.74	81.5	36.99	77.8	37.23	73	35.36	66.7	31.07
	-7	-7.6	88.5	37.37	84.2	37.51	79.4	35.31	73	31.34	66.7	27.56
	-5	-5.6	89.6	37.51	84.9	36.21	79.4	32.61	73	28.96	66.7	25.48
	-3	-3.7	90.3	36.7	84.9	33.47	79.4	30.16	73	26.8	66.7	23.61
	0	-0.7	90.5	32.93	84.9	29.83	79.4	26.92	73	23.96	66.7	21.14
	3	2.2	90.5	29.45	84.9	26.72	79.4	24.15	73	21.52	66.7	19.03
	5	4.1	90.5	27.43	84.9	24.91	79.4	22.56	73	20.12	66.7	17.82
	7	6	90.5	25.62	84.9	23.3	79.4	21.12	73	18.87	66.7	16.74
	9	7.9	90.5	24.04	84.9	21.9	79.4	19.89	73	17.79	66.7	15.82
11	9.8	90.5	22.65	84.9	20.66	79.4	18.79	73	16.84	66.7	15	
13	11.8	90.5	21.42	84.9	19.57	79.4	17.83	73	16	66.7	14.29	
15	13.7	90.5	20.34	84.9	18.61	79.4	16.99	73	15.27	66.7	13.66	
80	-25	-25.1	53	32.72	50.6	32.69	47.8	30.94	44.6	28.73	41.4	26.92
	-22	-22.2	59.7	34.3	57.2	34.26	53.9	32.23	50.1	29.74	46.4	27.93
	-20	-20.2	62.8	34.79	60.4	34.75	57.1	32.72	53.4	30.24	49.6	28.42
	-17	-17.3	67.6	35.52	65.1	35.49	61.9	33.45	58.1	30.97	54.3	29.16
	-15	-15.3	70.8	36.01	68.4	35.97	65.1	33.95	61.3	31.46	57.4	29.65
	-12	-12.4	75.6	36.74	73.1	36.7	69.3	34.68	64.7	31.52	59.3	28.51
	-10	-10.5	78.3	37.23	75.2	36.43	70.5	33.75	64.9	29.88	59.3	26.29
	-7	-7.6	80.2	36.57	75.5	33.17	70.5	29.92	64.9	26.51	59.3	23.34
	-5	-5.6	80.5	33.91	75.5	30.65	70.5	27.66	64.9	24.52	59.3	21.61
	-3	-3.7	80.5	31.36	75.5	28.36	70.5	25.6	64.9	22.73	59.3	20.05
	0	-0.7	80.5	27.98	75.5	25.34	70.5	22.9	64.9	20.35	59.3	17.98
	3	2.2	80.5	25.1	75.5	22.76	70.5	20.6	64.9	18.35	59.3	16.24
	5	4.1	80.5	23.42	75.5	21.27	70.5	19.26	64.9	17.19	59.3	15.23
	7	6	80.5	21.93	75.5	19.94	70.5	18.08	64.9	16.15	59.3	14.33
	9	7.9	80.5	20.63	75.5	18.8	70.5	17.06	64.9	15.27	59.3	13.57
11	9.8	80.5	19.5	75.5	17.79	70.5	16.16	64.9	14.49	59.3	12.9	
13	11.8	80.5	18.5	75.5	16.89	70.5	15.37	64.9	13.81	59.3	12.31	
15	13.7	80.5	17.61	75.5	16.12	70.5	14.69	64.9	13.21	59.3	11.8	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM280AXVDGH1EU

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)		Indoor Temperature (°C, DB)									
	DB	WB	16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	-25	-25.1	47.6	31.75	45.2	29.88	42.8	28.33	39.9	26.11	36.6	24.22
	-22	-22.2	53.8	33.04	50.9	31.18	48	29.34	44.7	27.12	41.4	24.96
	-20	-20.2	57	33.53	54.1	31.66	51.2	29.83	47.8	27.62	44.5	25.44
	-17	-17.3	61.8	34.27	58.8	32.4	56	30.56	52.7	28.35	49.4	26.18
	-15	-15.3	64.9	34.76	62	32.88	59.2	31.05	55.4	28.83	51.4	26.1
	-12	-12.4	69.2	35.49	65.7	32.92	61.8	30.49	56.8	26.99	51.8	23.77
	-10	-10.5	70.4	34.54	66.1	31.2	61.8	28.11	56.8	24.9	51.8	21.94
	-7	-7.6	70.4	30.61	66.1	27.68	61.8	24.95	56.8	22.12	51.8	19.5
	-5	-5.6	70.4	28.29	66.1	25.6	61.8	23.09	56.8	20.48	51.8	18.06
	-3	-3.7	70.4	26.2	66.1	23.72	61.8	21.41	56.8	19	51.8	16.78
	0	-0.7	70.4	23.43	66.1	21.23	61.8	19.19	56.8	17.06	51.8	15.07
	3	2.2	70.4	21.08	66.1	19.13	61.8	17.31	56.8	15.42	51.8	13.64
	5	4.1	70.4	19.71	66.1	17.91	61.8	16.23	56.8	14.47	51.8	12.82
	7	6	70.4	18.5	66.1	16.83	61.8	15.26	56.8	13.63	51.8	12.09
	9	7.9	70.4	17.46	66.1	15.9	61.8	14.43	56.8	12.92	51.8	11.47
11	9.8	70.4	16.54	66.1	15.08	61.8	13.71	56.8	12.29	51.8	10.92	
13	11.8	70.4	15.73	66.1	14.37	61.8	13.07	56.8	11.73	51.8	10.45	
15	13.7	70.4	15.02	66.1	13.74	61.8	12.52	56.8	11.26	51.8	10.04	
60	-25	-25.1	42	28.38	39.8	26.75	37.3	25.44	34.5	23.56	31.7	21.64
	-22	-22.2	47.1	29.4	44.6	27.77	42.1	26.17	39.3	24.29	36.5	22.38
	-20	-20.2	50.3	29.89	47.8	28.25	45.3	26.66	42.4	24.78	39.6	22.87
	-17	-17.3	55	30.62	52.5	28.98	50.1	27.39	47	25.51	43.6	23.08
	-15	-15.3	58.2	31.11	55.3	29.47	52.3	27.28	48.7	24.9	44.5	21.91
	-12	-12.4	60.4	30.54	56.7	27.59	52.9	24.84	48.7	22.05	44.5	19.39
	-10	-10.5	60.4	28.17	56.7	25.44	52.9	22.93	48.7	20.36	44.5	17.92
	-7	-7.6	60.4	25.01	56.7	22.61	52.9	20.37	48.7	18.1	44.5	15.94
	-5	-5.6	60.4	23.14	56.7	20.93	52.9	18.88	48.7	16.77	44.5	14.79
	-3	-3.7	60.4	21.45	56.7	19.42	52.9	17.52	48.7	15.59	44.5	13.75
	0	-0.7	60.4	19.24	56.7	17.44	52.9	15.75	48.7	14.03	44.5	12.39
	3	2.2	60.4	17.37	56.7	15.75	52.9	14.25	48.7	12.71	44.5	11.24
	5	4.1	60.4	16.28	56.7	14.78	52.9	13.38	48.7	11.95	44.5	10.58
	7	6	60.4	15.32	56.7	13.93	52.9	12.62	48.7	11.28	44.5	10
	9	7.9	60.4	14.5	56.7	13.2	52.9	11.96	48.7	10.71	44.5	9.51
11	9.8	60.4	13.78	56.7	12.56	52.9	11.4	48.7	10.22	44.5	9.07	
13	11.8	60.4	13.15	56.7	12	52.9	10.9	48.7	9.78	44.5	8.7	
15	13.7	60.4	12.59	56.7	11.51	52.9	10.46	48.7	9.39	44.5	8.37	
50	-25	-25.1	35.6	24.66	33.5	23.35	31.4	22.05	29.1	19.81	26.7	17.79
	-22	-22.2	40.3	25.39	38.2	24.08	36.2	22.78	33.9	20.54	31.5	18.53
	-20	-20.2	43.5	25.88	41.4	24.58	39.4	23.27	37	21.03	34.7	19.02
	-17	-17.3	48.3	26.61	45.8	25.31	43.3	23.47	40.4	20.78	37.1	18.87
	-15	-15.3	50.2	26.51	47.2	24.71	44.1	22.28	40.6	19.74	37.1	17.38
	-12	-12.4	50.3	24.16	47.2	21.88	44.1	19.73	40.6	17.5	37.1	15.42
	-10	-10.5	50.3	22.3	47.2	20.2	44.1	18.22	40.6	16.16	37.1	14.24
	-7	-7.6	50.3	19.82	47.2	17.96	44.1	16.22	40.6	14.4	37.1	12.7
	-5	-5.6	50.3	18.37	47.2	16.66	44.1	15.04	40.6	13.37	37.1	11.79
	-3	-3.7	50.3	17.07	47.2	15.48	44.1	13.99	40.6	12.43	37.1	10.98
	0	-0.7	50.3	15.35	47.2	13.94	44.1	12.6	40.6	11.22	37.1	9.91
	3	2.2	50.3	13.91	47.2	12.63	44.1	11.44	40.6	10.19	37.1	9.02
	5	4.1	50.3	13.07	47.2	11.88	44.1	10.76	40.6	9.61	37.1	8.51
	7	6	50.3	12.33	47.2	11.22	44.1	10.17	40.6	9.09	37.1	8.06
	9	7.9	50.3	11.7	47.2	10.66	44.1	9.67	40.6	8.65	37.1	7.68
11	9.8	50.3	11.15	47.2	10.17	44.1	9.23	40.6	8.27	37.1	7.35	
13	11.8	50.3	10.68	47.2	9.74	44.1	8.85	40.6	7.94	37.1	7.06	
15	13.7	50.3	10.26	47.2	9.36	44.1	8.52	40.6	7.65	37.1	6.81	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM300AXVDGH1EU

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)	Indoor Temperature (°C, WB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	
130	10	71	10.51	86.3	12.94	101.5	15.59	109.2	17.02	115.8	18.41	128.8	21.48	142	25.03
	12	71	11.01	86.3	13.62	101.5	16.49	109.2	18.05	115.8	19.56	128.8	22.9	142	26.79
	14	71	11.57	86.3	14.39	101.5	17.5	109.2	19.21	115.8	20.86	128.8	24.5	142	28.73
	16	71	12.21	86.3	15.25	101.5	18.65	109.2	20.51	115.8	22.3	128.8	26.26	142	30.88
	18	71	12.93	86.3	16.24	101.5	19.92	109.2	21.94	115.8	23.9	128.8	28.22	142	33.24
	20	71	13.73	86.3	17.33	101.5	21.34	109.2	23.54	115.8	25.67	128.8	30.37	141	34.86
	21	71	14.18	86.3	17.93	101.5	22.11	109.2	24.41	115.8	26.62	128.8	31.53	140.2	35.42
	23	71	15.15	86.3	19.21	101.5	23.76	109.2	26.26	115.8	28.67	128.6	33.54	136.6	35.29
	25	71	16.21	86.3	20.63	101.5	25.58	109.2	28.31	115.8	30.91	127.4	34.93	131.8	34.45
	27	71	17.4	86.3	22.2	101.5	27.57	109.2	30.52	115.8	33.35	123.8	34.79	126.8	33.61
	29	71	18.71	86.3	23.92	101.5	29.74	109.2	32.95	114.6	34.74	119.1	33.95	121.8	32.77
	31	71	20.15	86.3	25.8	101.5	32.12	108.3	34.33	111.1	34.61	114.1	33.11	116.7	31.92
	33	71	21.73	86.3	27.85	101.1	33.93	104.7	34.2	106.5	33.76	109	32.26	111.7	31.08
	35	71	23.45	86.3	30.07	97.7	33.8	100.1	33.35	101.4	32.92	104	31.42	106.6	30.24
	37	71	25.32	86.3	32.47	93.5	33.32	95	32.51	96.3	32.07	99	30.58	101.6	29.39
	39	71	27.34	84.1	32.34	88.5	32.47	90	31.67	91.3	31.23	94	29.74	96.5	28.55
	43	68	29.61	75.3	31.36	78.4	30.79	80	29.99	81.3	29.55	83.8	28.05	86.5	26.87
	46	60.8	28.35	67.8	30.1	70.8	29.52	72.3	28.72	73.7	28.29	76.3	26.79	79	25.61
48	55.8	27.5	62.8	29.25	65.8	28.68	67.3	27.88	68.6	27.44	71.3	25.94	73.8	24.76	
50	50.8	26.66	57.7	28.41	60.8	27.84	62.3	27.03	63.6	26.6	66.2	25.11	68.8	23.92	
120	10	65.5	9.42	79.7	11.61	93.8	13.99	100.8	15.27	106.8	16.49	119	19.2	131	22.32
	12	65.5	9.86	79.7	12.2	93.8	14.77	100.8	16.15	106.8	17.48	119	20.42	131	23.81
	14	65.5	10.34	79.7	12.86	93.8	15.63	100.8	17.13	106.8	18.59	119	21.79	131	25.48
	16	65.5	10.89	79.7	13.6	93.8	16.61	100.8	18.25	106.8	19.83	119	23.31	131	27.33
	18	65.5	11.51	79.7	14.45	93.8	17.72	100.8	19.5	106.8	21.21	119	25	131	29.38
	20	65.5	12.21	79.7	15.4	93.8	18.94	100.8	20.88	106.8	22.75	119	26.87	131	31.64
	21	65.5	12.6	79.7	15.91	93.8	19.61	100.8	21.63	106.8	23.58	119	27.88	131	32.84
	23	65.5	13.43	79.7	17.03	93.8	21.05	100.8	23.24	106.8	25.36	119	30.02	130.5	34.47
	25	65.5	14.36	79.7	18.27	93.8	22.63	100.8	25.02	106.8	27.32	119	32.38	128.5	34.96
	27	65.5	15.4	79.7	19.64	93.8	24.37	100.8	26.96	106.8	29.46	118.5	34.46	124.6	34.47
	29	65.5	16.54	79.7	21.15	93.8	26.28	100.8	29.09	106.8	31.8	116.1	34.96	119.6	33.63
	31	65.5	17.8	79.7	22.79	93.8	28.36	100.8	31.4	106.5	33.86	112.1	34.47	114.5	32.78
	33	65.5	19.18	79.7	24.59	93.8	30.62	100.5	33.45	103.7	33.73	107.1	33.63	109.5	31.94
	35	65.5	20.7	79.7	26.55	93.7	32.63	97.5	33.32	99.6	33.24	102	32.78	104.5	31.1
	37	65.5	22.35	79.7	28.68	90.9	32.5	93.3	32.83	94.6	32.39	97	31.95	99.5	30.26
	39	65.5	24.13	79.7	30.96	87	32.01	88.3	31.98	89.5	31.55	92	31.1	94.3	29.42
	43	64.3	27.19	72.7	30.34	76.8	30.33	78.3	30.31	79.5	29.87	81.8	29.42	84.3	27.73
	46	58.1	26.49	65.1	29.07	69.3	29.06	70.7	29.04	71.9	28.61	74.3	28.15	76.7	26.46
48	53	25.64	60.1	28.23	64.3	28.22	65.7	28.2	66.8	27.76	69.3	27.31	71.7	25.62	
50	48	24.8	55	27.39	59.2	27.37	60.6	27.35	61.8	26.92	64.3	26.47	66.7	24.79	
110	10	60	8.42	73	10.39	86	12.52	92.4	13.65	98	14.74	109	17.13	120.2	19.86
	12	60	8.79	73	10.89	86	13.18	92.4	14.4	98	15.57	109	18.16	120.2	21.14
	14	60	9.2	73	11.45	86	13.92	92.4	15.25	98	16.52	109	19.32	120.2	22.56
	16	60	9.68	73	12.1	86	14.76	92.4	16.2	98	17.58	109	20.63	120.2	24.14
	18	60	10.21	73	12.81	86	15.7	92.4	17.26	98	18.76	109	22.07	120.2	25.89
	20	60	10.82	73	13.63	86	16.75	92.4	18.45	98	20.08	109	23.69	120.2	27.83
	21	60	11.14	73	14.07	86	17.33	92.4	19.09	98	20.79	109	24.56	120.2	28.88
	23	60	11.86	73	15.03	86	18.57	92.4	20.49	98	22.34	109	26.42	120.2	31.11
	25	60	12.67	73	16.1	86	19.93	92.4	22.04	98	24.03	109	28.47	120.2	33.55
	27	60	13.56	73	17.29	86	21.44	92.4	23.72	98	25.9	109	30.7	119.5	35.22
	29	60	14.56	73	18.59	86	23.11	92.4	25.58	98	27.93	109	33.14	116.5	35.08
	31	60	15.66	73	20.03	86	24.92	92.4	27.61	98	30.15	108.2	34.52	112.3	34.59
	33	60	16.87	73	21.61	86	26.9	92.4	29.8	98	32.56	104.6	34.39	107.3	33.75
	35	60	18.19	73	23.32	86	29.05	92.4	32.18	96.3	33.31	100	33.54	102.3	32.92
	37	60	19.64	73	25.19	86	31.37	90.3	32.68	92.6	33.18	95	32.7	97.2	32.07
	39	60	21.21	73	27.2	83.9	31.86	86.6	32.54	87.8	32.33	90	31.87	92.2	31.23
	43	60	24.73	69.2	28.26	75.3	30.89	76.5	30.85	77.7	30.65	79.8	30.18	82.1	29.54
	46	55.3	24.48	61.8	27	67.7	29.63	69	29.6	70.1	29.38	72.3	28.91	74.5	28.28
48	50.3	23.64	56.8	26.16	62.7	28.79	64	28.75	65.1	28.55	67.3	28.07	69.5	27.44	
50	45.3	22.79	51.8	25.31	57.6	27.94	59	27.91	60	27.7	62.3	27.22	64.5	26.6	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM300AXVDGH1EU

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)	Indoor Temperature (°C, WB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	
100	10	54.6	7.47	66.3	9.24	78.2	11.14	84	12.15	89	13.13	99.2	15.24	109.2	17.62
	12	54.6	7.78	66.3	9.66	78.2	11.69	84	12.78	89	13.83	99.2	16.1	109.2	18.68
	14	54.6	8.14	66.3	10.13	78.2	12.32	84	13.49	89	14.62	99.2	17.08	109.2	19.89
	16	54.6	8.54	66.3	10.68	78.2	13.03	84	14.29	89	15.52	99.2	18.18	109.2	21.22
	18	54.6	8.99	66.3	11.3	78.2	13.83	84	15.2	89	16.52	99.2	19.41	109.2	22.71
	20	54.6	9.52	66.3	11.98	78.2	14.73	84	16.22	89	17.64	99.2	20.79	109.2	24.38
	21	54.6	9.8	66.3	12.36	78.2	15.22	84	16.77	89	18.25	99.2	21.53	109.2	25.27
	23	54.6	10.42	66.3	13.18	78.2	16.28	84	17.96	89	19.58	99.2	23.13	109.2	27.19
	25	54.6	11.11	66.3	14.11	78.2	17.46	84	19.28	89	21.03	99.2	24.89	109.2	29.3
	27	54.6	11.88	66.3	15.13	78.2	18.76	84	20.74	89	22.64	99.2	26.82	109.2	31.6
	29	54.6	12.73	66.3	16.26	78.2	20.2	84	22.34	89	24.4	99.2	28.93	109.2	34.11
	31	54.6	13.69	66.3	17.5	78.2	21.77	84	24.1	89	26.33	99.2	31.23	108.3	35.51
	33	54.6	14.73	66.3	18.86	78.2	23.49	84	26.01	89	28.41	99.2	33.27	104.7	35.37
	35	54.6	15.88	66.3	20.35	78.2	25.36	84	28.08	89	30.69	96.8	33.76	100.1	34.53
	37	54.6	17.14	66.3	21.97	78.2	27.39	84	30.32	88.8	32.46	93	33.27	95	33.68
	39	54.6	18.51	66.3	23.73	78.2	29.57	83.1	31.65	85.2	32.32	88	32.43	90	32.84
	43	54.6	21.58	64.9	26.74	72	29.17	74.8	30.8	75.9	30.99	78	30.75	80	31.16
	46	52.1	22.53	58.5	26.02	64.3	27.91	67.3	29.54	68.3	29.72	70.3	29.49	72.3	29.9
	48	47.6	21.7	53.5	25.17	59.3	27.06	62.3	28.7	63.3	28.89	65.3	28.64	67.3	29.05
	50	42.5	20.85	48.5	24.33	54.3	26.22	57.3	27.86	58.3	28.05	60.3	27.8	62.3	28.21
90	10	49.2	6.46	59.7	8	70.3	9.67	75.6	10.55	80.2	11.38	89.2	13.22	98.3	15.27
	12	49.2	6.72	59.7	8.35	70.3	10.13	75.6	11.06	80.2	11.97	89.2	13.92	98.3	16.13
	14	49.2	7.01	59.7	8.75	70.3	10.64	75.6	11.64	80.2	12.62	89.2	14.72	98.3	17.11
	16	49.2	7.34	59.7	9.2	70.3	11.22	75.6	12.3	80.2	13.35	89.2	15.63	98.3	18.22
	18	49.2	7.72	59.7	9.71	70.3	11.88	75.6	13.05	80.2	14.18	89.2	16.64	98.3	19.44
	20	49.2	8.15	59.7	10.27	70.3	12.62	75.6	13.89	80.2	15.1	89.2	17.77	98.3	20.82
	21	49.2	8.39	59.7	10.59	70.3	13.02	75.6	14.35	80.2	15.61	89.2	18.39	98.3	21.56
	23	49.2	8.89	59.7	11.28	70.3	13.91	75.6	15.33	80.2	16.71	89.2	19.71	98.3	23.16
	25	49.2	9.47	59.7	12.04	70.3	14.89	75.6	16.43	80.2	17.92	89.2	21.18	98.3	24.92
	27	49.2	10.11	59.7	12.89	70.3	15.98	75.6	17.66	80.2	19.26	89.2	22.8	98.3	26.85
	29	49.2	10.83	59.7	13.83	70.3	17.18	75.6	19	80.2	20.74	89.2	24.58	98.3	28.96
	31	49.2	11.63	59.7	14.88	70.3	18.5	75.6	20.47	80.2	22.36	89.2	26.52	98.3	31.26
	33	49.2	12.51	59.7	16.03	70.3	19.95	75.6	22.08	80.2	24.13	89.2	28.62	98.3	33.76
	35	49.2	13.47	59.7	17.28	70.3	21.53	75.6	23.84	80.2	26.05	89.2	30.91	96.5	34.25
	37	49.2	14.53	59.7	18.65	70.3	23.25	75.6	25.75	80.2	28.13	88.8	32.68	92.7	34.13
	39	49.2	15.69	59.7	20.15	70.3	25.11	75.6	27.8	80.2	30.37	85.3	32.55	87.8	33.28
	43	49.2	18.3	59.7	23.49	67.6	27.16	70.7	28.54	73	29.76	76	31.22	77.8	31.6
	46	48.3	19.77	55.2	23.21	60.5	25.89	63.1	27.28	65.3	28.49	68.3	29.96	70.2	30.33
	48	44.8	19.37	50.2	22.36	55.5	25.05	58.1	26.43	60.3	27.65	63.3	29.11	65.1	29.49
	50	39.8	18.52	45.1	21.52	50.4	24.22	53	25.59	55.3	26.81	58.3	28.27	60.1	28.65
80	10	43.7	5.54	53.1	6.88	62.5	8.33	67.2	9.09	71.2	9.81	79.3	11.4	87.3	13.17
	12	43.7	5.75	53.1	7.16	62.5	8.7	67.2	9.51	71.2	10.28	79.3	11.97	87.3	13.87
	14	43.7	5.99	53.1	7.49	62.5	9.11	67.2	9.98	71.2	10.81	79.3	12.61	87.3	14.66
	16	43.7	6.26	53.1	7.85	62.5	9.58	67.2	10.52	71.2	11.41	79.3	13.35	87.3	15.55
	18	43.7	6.58	53.1	8.26	62.5	10.12	67.2	11.12	71.2	12.08	79.3	14.16	87.3	16.54
	20	43.7	6.92	53.1	8.73	62.5	10.73	67.2	11.81	71.2	12.83	79.3	15.09	87.3	17.67
	21	43.7	7.12	53.1	8.99	62.5	11.06	67.2	12.19	71.2	13.25	79.3	15.59	87.3	18.28
	23	43.7	7.53	53.1	9.55	62.5	11.78	67.2	12.99	71.2	14.15	79.3	16.69	87.3	19.59
	25	43.7	8.02	53.1	10.18	62.5	12.59	67.2	13.9	71.2	15.15	79.3	17.9	87.3	21.05
	27	43.7	8.54	53.1	10.88	62.5	13.49	67.2	14.91	71.2	16.26	79.3	19.24	87.3	22.64
	29	43.7	9.14	53.1	11.66	62.5	14.49	67.2	16.02	71.2	17.49	79.3	20.72	87.3	24.4
	31	43.7	9.8	53.1	12.52	62.5	15.59	67.2	17.25	71.2	18.83	79.3	22.33	87.3	26.32
	33	43.7	10.54	53.1	13.48	62.5	16.79	67.2	18.59	71.2	20.31	79.3	24.09	87.3	28.41
	35	43.7	11.34	53.1	14.53	62.5	18.11	67.2	20.06	71.2	21.92	79.3	26.01	87.3	30.68
	37	43.7	12.23	53.1	15.68	62.5	19.56	67.2	21.66	71.2	23.67	79.3	28.09	87.3	33.13
	39	43.7	13.2	53.1	16.93	62.5	21.12	67.2	23.39	71.2	25.56	79.3	30.33	84.5	33
	43	43.7	15.39	53.1	19.74	62.2	23.76	65.5	25.45	68.1	27.65	72.5	29.71	75.5	31.67
	46	43.7	17.28	51	20.57	56.6	23	59	24.54	61	26.4	65	28.45	68	30.4
	48	41.5	17.23	46.8	19.73	51.5	22.15	53.8	23.7	56	25.55	60	27.61	63	29.56
	50	37.1	16.39	41.8	18.88	46.5	21.31	48.8	22.85	50.8	24.71	54.9	26.76	58	28.72

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM300AXVDGH1EU

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)	Indoor Temperature (°C, WB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	
70	10	38.2	4.68	46.5	5.85	54.7	7.08	58.8	7.75	62.3	8.38	69.4	9.73	76.5	11.24
	12	38.2	4.86	46.5	6.08	54.7	7.38	58.8	8.08	62.3	8.74	69.4	10.18	76.5	11.8
	14	38.2	5.06	46.5	6.33	54.7	7.71	58.8	8.46	62.3	9.16	69.4	10.7	76.5	12.42
	16	38.2	5.27	46.5	6.63	54.7	8.09	58.8	8.89	62.3	9.64	69.4	11.28	76.5	13.13
	18	38.2	5.53	46.5	6.96	54.7	8.52	58.8	9.37	62.3	10.18	69.4	11.94	76.5	13.93
	20	38.2	5.81	46.5	7.34	54.7	9.01	58.8	9.93	62.3	10.78	69.4	12.67	76.5	14.83
	21	38.2	5.97	46.5	7.55	54.7	9.28	58.8	10.22	62.3	11.12	69.4	13.08	76.5	15.31
	23	38.2	6.31	46.5	8	54.7	9.87	58.8	10.89	62.3	11.85	69.4	13.97	76.5	16.38
	25	38.2	6.7	46.5	8.51	54.7	10.52	58.8	11.62	62.3	12.66	69.4	14.95	76.5	17.56
	27	38.2	7.13	46.5	9.09	54.7	11.25	58.8	12.43	62.3	13.56	69.4	16.04	76.5	18.87
	29	38.2	7.62	46.5	9.72	54.7	12.06	58.8	13.34	62.3	14.56	69.4	17.24	76.5	20.3
	31	38.2	8.16	46.5	10.43	54.7	12.97	58.8	14.34	62.3	15.67	69.4	18.56	76.5	21.88
	33	38.2	8.76	46.5	11.22	54.7	13.96	58.8	15.45	62.3	16.88	69.4	20.02	76.5	23.6
	35	38.2	9.42	46.5	12.08	54.7	15.04	58.8	16.66	62.3	18.21	69.4	21.6	76.5	25.48
	37	38.2	10.15	46.5	13.03	54.7	16.24	58.8	17.98	62.3	19.66	69.4	23.33	76.5	27.51
	39	38.2	10.96	46.5	14.07	54.7	17.53	58.8	19.42	62.3	21.23	69.4	25.19	76.5	29.72
	43	38.2	12.78	46.5	16.41	54.7	20.44	58.8	22.64	62	23.9	67.1	27.44	71.1	30.32
	46	38.2	14.34	46.4	17.69	52.2	21.31	54.7	22.34	56.5	23.13	60	26.19	63.5	29.06
	48	37.6	14.83	43.4	17.69	47.6	20.47	49.7	21.5	51.5	22.29	55	25.34	58.5	28.22
	50	34.3	14.37	38.5	16.85	42.6	19.62	44.7	20.66	46.5	21.45	50	24.5	53.5	27.38
60	10	32.8	3.89	39.8	4.87	46.9	5.93	50.4	6.49	53.5	7.02	59.5	8.17	65.5	9.47
	12	32.8	4.03	39.8	5.05	46.9	6.16	50.4	6.75	53.5	7.31	59.5	8.52	65.5	9.89
	14	32.8	4.18	39.8	5.25	46.9	6.42	50.4	7.04	53.5	7.64	59.5	8.92	65.5	10.38
	16	32.8	4.36	39.8	5.49	46.9	6.72	50.4	7.39	53.5	8.01	59.5	9.38	65.5	10.93
	18	32.8	4.56	39.8	5.75	46.9	7.06	50.4	7.77	53.5	8.44	59.5	9.89	65.5	11.56
	20	32.8	4.79	39.8	6.05	46.9	7.45	50.4	8.2	53.5	8.92	59.5	10.48	65.5	12.26
	21	32.8	4.91	39.8	6.21	46.9	7.66	50.4	8.43	53.5	9.18	59.5	10.8	65.5	12.65
	23	32.8	5.18	39.8	6.57	46.9	8.12	50.4	8.95	53.5	9.76	59.5	11.49	65.5	13.49
	25	32.8	5.49	39.8	6.98	46.9	8.64	50.4	9.54	53.5	10.4	59.5	12.27	65.5	14.42
	27	32.8	5.84	39.8	7.44	46.9	9.22	50.4	10.19	53.5	11.12	59.5	13.14	65.5	15.45
	29	32.8	6.23	39.8	7.95	46.9	9.88	50.4	10.92	53.5	11.92	59.5	14.11	65.5	16.6
	31	32.8	6.66	39.8	8.52	46.9	10.6	50.4	11.72	53.5	12.81	59.5	15.17	65.5	17.87
	33	32.8	7.14	39.8	9.15	46.9	11.39	50.4	12.62	53.5	13.78	59.5	16.34	65.5	19.26
	35	32.8	7.68	39.8	9.84	46.9	12.27	50.4	13.59	53.5	14.85	59.5	17.62	65.5	20.78
	37	32.8	8.27	39.8	10.61	46.9	13.23	50.4	14.66	53.5	16.03	59.5	19.02	65.5	22.43
	39	32.8	8.92	39.8	11.45	46.9	14.29	50.4	15.83	53.5	17.31	59.5	20.54	65.5	24.23
	43	32.8	10.4	39.8	13.35	46.9	16.66	50.4	18.47	53.5	20.18	59.5	23.95	64.3	27.3
	46	32.8	11.68	39.8	14.98	46.8	17.98	49.2	19.95	51.3	21.03	55	23.69	58.1	26.59
	48	32.8	12.6	38.7	15.51	43.7	17.98	45.5	19.55	47	20.19	50	22.85	53	25.75
	50	30.8	12.42	35.2	15.06	38.7	17.13	40.5	18.71	42	19.35	45	22	48	24.9
50	10	27.3	3.15	33.2	3.95	39	4.83	42	5.31	44.5	5.74	49.5	6.7	54.6	7.78
	12	27.3	3.26	33.2	4.1	39	5.02	42	5.51	44.5	5.97	49.5	6.97	54.6	8.1
	14	27.3	3.38	33.2	4.26	39	5.22	42	5.73	44.5	6.22	49.5	7.28	54.6	8.46
	16	27.3	3.52	33.2	4.44	39	5.45	42	5.99	44.5	6.5	49.5	7.62	54.6	8.89
	18	27.3	3.67	33.2	4.64	39	5.71	42	6.28	44.5	6.82	49.5	8.02	54.6	9.36
	20	27.3	3.85	33.2	4.87	39	6.01	42	6.61	44.5	7.2	49.5	8.46	54.6	9.9
	21	27.3	3.94	33.2	5	39	6.16	42	6.8	44.5	7.4	49.5	8.7	54.6	10.19
	23	27.3	4.15	33.2	5.28	39	6.52	42	7.19	44.5	7.84	49.5	9.24	54.6	10.83
	25	27.3	4.4	33.2	5.59	39	6.92	42	7.65	44.5	8.33	49.5	9.83	54.6	11.56
	27	27.3	4.66	33.2	5.95	39	7.38	42	8.15	44.5	8.89	49.5	10.5	54.6	12.36
	29	27.3	4.96	33.2	6.34	39	7.88	42	8.72	44.5	9.51	49.5	11.25	54.6	13.25
	31	27.3	5.3	33.2	6.79	39	8.44	42	9.34	44.5	10.2	49.5	12.08	54.6	14.23
	33	27.3	5.68	33.2	7.28	39	9.07	42	10.03	44.5	10.96	49.5	13	54.6	15.33
	35	27.3	6.1	33.2	7.82	39	9.75	42	10.8	44.5	11.8	49.5	14	54.6	16.52
	37	27.3	6.57	33.2	8.42	39	10.51	42	11.65	44.5	12.73	49.5	15.1	54.6	17.83
	39	27.3	7.08	33.2	9.09	39	11.34	42	12.57	44.5	13.74	49.5	16.31	54.6	19.26
	43	27.3	8.24	33.2	10.59	39	13.22	42	14.66	44.5	16.02	49.5	19.02	54.6	22.45
	46	27.3	9.25	33.2	11.88	39	14.84	42	16.44	44.5	17.98	48.6	20.56	52.1	23.46
	48	27.3	9.99	33.2	12.83	38.2	15.37	40.3	16.38	42	17.95	45.1	20.17	47.6	22.62
	50	26.9	10.26	31.1	12.66	34.8	14.9	36.3	15.53	37.5	17.11	40	19.32	42.5	21.78

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM300AXVDGH1EU

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)		Indoor Temperature (°C, DB)									
	DB	WB	16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	-25	-25.1	68.4	28.17	66.7	29.46	65	31.05	63.1	33.19	61.1	34.8
	-22	-22.2	78.6	30.57	76.9	31.86	75.2	33.46	73	35.6	69.4	36.78
	-20	-20.2	85.4	32.17	83.8	33.46	82	35.06	78.5	36.78	74.8	37.96
	-17	-17.3	95.6	34.57	93.3	35.86	90.2	37.05	86.2	38.56	80.2	39.09
	-15	-15.3	101.7	35.96	98.8	37.05	95.7	38.24	89.7	39.09	83.6	39.63
	-12	-12.4	109.8	37.75	106	38.83	100.7	39.36	94.7	39.89	88.7	40.43
	-10	-10.5	114.4	38.93	109.4	39.36	104.2	39.89	98.2	40.43	92.1	40.96
	-7	-7.6	119.6	39.73	114.5	40.16	109.2	40.7	103.2	41.22	97	41.76
	-5	-5.6	122.9	40.26	117.9	40.7	112.7	41.22	106.4	41.76	99.5	42.09
	-3	-3.7	126.4	40.8	121.3	41.22	115.8	41.76	108.8	42.09	100.8	42.25
	0	-0.7	131.4	41.6	125.4	41.92	119	42.25	110.7	42.25	102.3	42.25
	3	2.2	135	42.09	127.7	42.25	120.5	42.25	112	42.25	103.2	39.62
	5	4.1	135.8	42.25	128.6	42.25	121.5	42.25	113	41.6	103.2	36.85
	7	6	136.7	42.25	129.5	42.25	122.4	42.25	113	38.72	103.2	34.35
	9	7.9	137.7	42.25	130.5	42.25	122.8	40.44	113	36.19	103.2	32.18
11	9.8	138.7	42.25	131.5	41.62	122.8	37.85	113	33.95	103.2	30.25	
13	11.8	139.5	42.25	131.5	39.02	122.8	35.54	113	31.95	103.2	28.54	
15	13.7	140	40.06	131.5	36.69	122.8	33.5	113	30.18	103.2	27.03	
120	-25	-25.1	66.3	30.26	64.7	31.38	63.1	32.66	61.3	34.8	58.9	35.92
	-22	-22.2	76.5	32.66	74.9	33.79	73.3	35.06	70	36.78	67.1	37.7
	-20	-20.2	83.3	34.26	81.7	35.39	78.8	36.45	75.4	37.96	71.5	38.56
	-17	-17.3	92.6	36.45	90	37.37	86.9	38.24	81.4	39.09	76.5	39.36
	-15	-15.3	98.1	37.64	95.4	38.56	90.4	39.09	84.8	39.63	80	39.89
	-12	-12.4	105	39.09	100.4	39.36	95.5	39.89	90	40.43	85	40.7
	-10	-10.5	108.4	39.63	103.9	39.89	98.9	40.43	93.3	40.96	88.5	41.22
	-7	-7.6	113.5	40.43	108.9	40.7	104	41.22	98.4	41.76	92.4	41.92
	-5	-5.6	116.9	40.96	112.4	41.22	107.2	41.76	100.8	42.09	94	42.25
	-3	-3.7	120.4	41.5	115.2	41.76	109.5	42.09	102.5	42.25	95	42.12
	0	-0.7	124.3	42.09	118.2	42.25	111.5	42.25	103.8	42.25	95.3	37.65
	3	2.2	126.5	42.25	119.7	42.25	113	42.25	104.3	38.07	95.3	33.67
	5	4.1	127.4	42.25	120.6	42.25	113.4	39.69	104.3	35.4	95.3	31.35
	7	6	128.3	42.25	121.3	40.75	113.4	36.94	104.3	33	95.3	29.28
	9	7.9	129.3	41.75	121.3	38.03	113.4	34.53	104.3	30.91	95.3	27.48
11	9.8	129.3	39.03	121.3	35.59	113.4	32.38	104.3	29.05	95.3	25.88	
13	11.8	129.3	36.61	121.3	33.44	113.4	30.48	104.3	27.4	95.3	24.46	
15	13.7	129.3	34.46	121.3	31.53	113.4	28.79	104.3	25.95	95.3	23.22	
110	-25	-25.1	64.1	31.86	62.6	33.19	61.2	34.26	59.3	35.6	54.9	36.43
	-22	-22.2	74.3	34.26	72.9	35.6	70.2	36.45	67.4	37.37	63.1	38.22
	-20	-20.2	80.7	35.86	78.3	36.78	75.7	37.64	72.2	38.56	67.4	39.07
	-17	-17.3	88.9	37.64	86.5	38.56	81.8	39.09	77.3	39.36	72.5	39.87
	-15	-15.3	93.7	38.83	89.9	39.09	85.2	39.63	80.7	39.89	75.9	40.41
	-12	-12.4	98.9	39.63	95	39.89	90.3	40.43	85.8	40.7	81	41.2
	-10	-10.5	102.2	40.16	98.4	40.43	93.7	40.96	89.2	41.22	84.2	41.74
	-7	-7.6	107.4	40.96	103.5	41.22	98.7	41.76	93.3	41.92	87.3	41.93
	-5	-5.6	110.7	41.5	106.4	41.76	101.1	42.09	94.9	42.25	87.3	38.71
	-3	-3.7	113.5	41.92	108.8	42.09	102.7	42.25	95.7	40.59	87.3	35.77
	0	-0.7	116.2	42.25	110.3	42.25	104	40.64	95.7	36.14	87.3	31.9
	3	2.2	117.5	42.25	111.2	40.11	104	36.27	95.7	32.31	87.3	28.58
	5	4.1	118.5	41.01	111.2	37.25	104	33.73	95.7	30.09	87.3	26.64
	7	6	118.5	38.13	111.2	34.68	104	31.44	95.7	28.09	87.3	24.92
	9	7.9	118.5	35.61	111.2	32.42	104	29.44	95.7	26.36	87.3	23.43
11	9.8	118.5	33.35	111.2	30.42	104	27.67	95.7	24.82	87.3	22.1	
13	11.8	118.5	31.35	111.2	28.64	104	26.11	95.7	23.47	87.3	20.94	
15	13.7	118.5	29.59	111.2	27.08	104	24.72	95.7	22.27	87.3	19.92	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM300AXVDGH1EU

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)		Indoor Temperature (°C, DB)									
	DB	WB	16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	-25	-25.1	62	33.46	60.6	34.8	58.8	36.28	54.9	35.31	51	34.09
	-22	-22.2	71.6	35.86	69.4	36.78	67	38.05	63.1	37.1	59.1	35.87
	-20	-20.2	77.1	37.05	74.7	37.96	71.7	38.83	67.3	37.95	62.7	36.73
	-17	-17.3	84.6	38.83	80.7	39.09	76.8	39.63	72.5	38.75	67.8	37.53
	-15	-15.3	88	39.36	84.1	39.63	80.2	40.16	75.8	39.29	71.2	38.06
	-12	-12.4	93.1	40.16	89.2	40.43	85.3	40.96	81	40.09	76.3	38.87
	-10	-10.5	96.5	40.7	92.6	40.96	88.7	41.5	84	40.62	78.4	38.66
	-7	-7.6	101.7	41.5	97.2	41.76	92.8	42.09	87	40.09	79.4	35.26
	-5	-5.6	104.2	41.92	99.7	42.09	94.5	41.68	87	37.01	79.4	32.57
	-3	-3.7	106.3	42.25	100.7	42.25	94.5	38.51	87	34.21	79.4	30.13
	0	-0.7	107.7	41.89	101.2	37.98	94.5	34.29	87	30.5	79.4	26.91
	3	2.2	107.7	37.37	101.2	33.92	94.5	30.67	87	27.33	79.4	24.16
	5	4.1	107.7	34.73	101.2	31.55	94.5	28.56	87	25.48	79.4	22.56
	7	6	107.7	32.36	101.2	29.43	94.5	26.68	87	23.83	79.4	21.14
	9	7.9	107.7	30.29	101.2	27.58	94.5	25.04	87	22.4	79.4	19.91
11	9.8	107.7	28.44	101.2	25.94	94.5	23.59	87	21.14	79.4	18.83	
13	11.8	107.7	26.81	101.2	24.49	94.5	22.3	87	20.03	79.4	17.88	
15	13.7	107.7	25.37	101.2	23.21	94.5	21.18	87	19.04	79.4	17.04	
90	-25	-25.1	59.7	35.6	57	35.44	54	34.5	50.4	33.89	46.5	31.17
	-22	-22.2	68	37.37	65.2	37.22	62.1	36.28	58.5	35.67	54	32.94
	-20	-20.2	73	38.56	69.8	38.41	66.3	37.14	62	36.53	57.5	33.47
	-17	-17.3	78.2	39.36	75	39.21	71.3	37.94	67	37.33	62.5	34.28
	-15	-15.3	81.5	39.89	78.3	39.74	74.8	38.47	70.5	37.86	66	34.8
	-12	-12.4	86.7	40.7	83.5	40.54	79.9	39.27	75.4	38.66	70.1	34.91
	-10	-10.5	90	41.22	86.8	41.08	82.7	39.81	77.5	37.72	71.5	34.14
	-7	-7.6	94.3	41.92	90.5	41.67	85	38.75	78.3	34.41	71.5	30.27
	-5	-5.6	96.2	42.25	91	39.69	85	35.77	78.3	31.79	71.5	27.98
	-3	-3.7	97	40.51	91	36.67	85	33.07	78.3	29.41	71.5	25.91
	0	-0.7	97	36.05	91	32.67	85	29.5	78.3	26.26	71.5	23.18
	3	2.2	97	32.22	91	29.24	85	26.44	78.3	23.57	71.5	20.84
	5	4.1	97	30	91	27.25	85	24.67	78.3	22.02	71.5	19.5
	7	6	97	28	91	25.47	85	23.08	78.3	20.63	71.5	18.3
	9	7.9	97	26.26	91	23.93	85	21.71	78.3	19.43	71.5	17.27
11	9.8	97	24.72	91	22.55	85	20.49	78.3	18.37	71.5	16.36	
13	11.8	97	23.36	91	21.35	85	19.43	78.3	17.44	71.5	15.57	
15	13.7	97	22.16	91	20.28	85	18.49	78.3	16.62	71.5	14.87	
80	-25	-25.1	54.4	35.41	51.9	34.27	48.9	32.42	45.5	29.78	42	29.12
	-22	-22.2	62.7	37.2	60	36.05	56.8	34.2	52.8	31.56	48.8	30.57
	-20	-20.2	66.8	38.05	63.7	36.9	60.2	34.74	56.2	32.1	52.2	31.11
	-17	-17.3	72	38.85	68.8	37.71	65.3	35.54	61.3	32.9	57.3	31.91
	-15	-15.3	75.3	39.39	72.2	38.23	68.7	36.07	64.7	33.43	60.6	32.45
	-12	-12.4	80.5	40.18	77.3	39.03	73.3	36.87	68.5	33.56	63.5	31.37
	-10	-10.5	83.4	40.72	79.6	38.81	75.3	35.99	69.5	32.83	63.5	28.93
	-7	-7.6	86.2	40.27	80.9	36.42	75.6	32.85	69.5	29.11	63.5	25.67
	-5	-5.6	86.2	37.18	80.9	33.64	75.6	30.35	69.5	26.91	63.5	23.75
	-3	-3.7	86.2	34.37	80.9	31.12	75.6	28.08	69.5	24.94	63.5	22.01
	0	-0.7	86.2	30.64	80.9	27.78	75.6	25.09	69.5	22.31	63.5	19.72
	3	2.2	86.2	27.47	80.9	24.92	75.6	22.56	69.5	20.09	63.5	17.78
	5	4.1	86.2	25.62	80.9	23.27	75.6	21.07	69.5	18.8	63.5	16.66
	7	6	86.2	23.97	80.9	21.8	75.6	19.76	69.5	17.65	63.5	15.66
	9	7.9	86.2	22.54	80.9	20.53	75.6	18.63	69.5	16.67	63.5	14.81
11	9.8	86.2	21.28	80.9	19.4	75.6	17.63	69.5	15.8	63.5	14.05	
13	11.8	86.2	20.17	80.9	18.41	75.6	16.75	69.5	15.04	63.5	13.4	
15	13.7	86.2	19.19	80.9	17.54	75.6	15.98	69.5	14.37	63.5	12.82	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM300AXVDGH1EU

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)		Indoor Temperature (°C, DB)									
	DB	WB	16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	-25	-25.1	48.7	33.29	46.1	31.31	43.5	29.68	40.4	27.39	37.5	25.41
	-22	-22.2	56.7	35.07	53.6	33.09	50.5	31.13	47	28.84	43.6	26.55
	-20	-20.2	60.1	35.61	57	33.61	54	31.67	50.4	29.37	46.9	27.07
	-17	-17.3	65.2	36.41	62.1	34.42	59.1	32.47	55.6	30.17	52.1	27.87
	-15	-15.3	68.6	36.94	65.5	34.95	62.5	33	58.5	30.7	54.3	27.84
	-12	-12.4	73.2	37.74	69.5	35.06	65.9	32.51	60.8	29.72	55.5	26.19
	-10	-10.5	75.3	36.84	70.8	34.27	66.2	30.88	60.8	27.41	55.5	24.17
	-7	-7.6	75.5	33.61	70.8	30.39	66.2	27.39	60.8	24.33	55.5	21.46
	-5	-5.6	75.5	31.05	70.8	28.09	66.2	25.34	60.8	22.52	55.5	19.87
	-3	-3.7	75.5	28.74	70.8	26.02	66.2	23.48	60.8	20.87	55.5	18.44
	0	-0.7	75.5	25.68	70.8	23.27	66.2	21.03	60.8	18.72	55.5	16.55
	3	2.2	75.5	23.08	70.8	20.94	66.2	18.95	60.8	16.89	55.5	14.95
	5	4.1	75.5	21.56	70.8	19.59	66.2	17.74	60.8	15.84	55.5	14.04
	7	6	75.5	20.22	70.8	18.39	66.2	16.67	60.8	14.9	55.5	13.22
	9	7.9	75.5	19.06	70.8	17.36	66.2	15.75	60.8	14.1	55.5	12.53
11	9.8	75.5	18.04	70.8	16.45	66.2	14.94	60.8	13.4	55.5	11.91	
13	11.8	75.5	17.14	70.8	15.65	66.2	14.23	60.8	12.77	55.5	11.38	
15	13.7	75.5	16.35	70.8	14.95	66.2	13.62	60.8	12.24	55.5	10.91	
60	-25	-25.1	42.7	29.75	40.4	28.07	38.1	26.38	35.5	24.7	33	22.68
	-22	-22.2	49.5	31.2	46.9	29.53	44.3	27.84	41.3	25.83	38.3	23.81
	-20	-20.2	53	31.73	50.3	30.06	47.6	28.37	44.7	26.36	41.7	24.35
	-17	-17.3	58	32.53	55.4	30.86	52.8	29.17	49.6	27.16	46	24.62
	-15	-15.3	61.5	33.07	58.4	31.39	55.3	29.11	51.7	26.6	47.7	24.17
	-12	-12.4	64.7	32.57	60.7	30.38	56.7	27.38	52.2	24.29	47.7	21.39
	-10	-10.5	64.7	30.95	60.7	28.01	56.7	25.25	52.2	22.42	47.7	19.75
	-7	-7.6	64.7	27.46	60.7	24.87	56.7	22.43	52.2	19.92	47.7	17.57
	-5	-5.6	64.7	25.4	60.7	23.02	56.7	20.77	52.2	18.45	47.7	16.28
	-3	-3.7	64.7	23.54	60.7	21.34	56.7	19.26	52.2	17.13	47.7	15.12
	0	-0.7	64.7	21.09	60.7	19.14	56.7	17.29	52.2	15.4	47.7	13.61
	3	2.2	64.7	19.01	60.7	17.26	56.7	15.62	52.2	13.93	47.7	12.33
	5	4.1	64.7	17.81	60.7	16.18	56.7	14.65	52.2	13.07	47.7	11.59
	7	6	64.7	16.74	60.7	15.23	56.7	13.8	52.2	12.33	47.7	10.94
	9	7.9	64.7	15.82	60.7	14.41	56.7	13.07	52.2	11.69	47.7	10.39
11	9.8	64.7	15.02	60.7	13.7	56.7	12.43	52.2	11.14	47.7	9.9	
13	11.8	64.7	14.32	60.7	13.06	56.7	11.87	52.2	10.65	47.7	9.48	
15	13.7	64.7	13.7	60.7	12.51	56.7	11.38	52.2	10.21	47.7	9.11	
50	-25	-25.1	36.5	26.76	34.7	24.5	32.8	23.1	30.4	21.75	27.9	18.88
	-22	-22.2	42.4	27.88	40.2	25.62	38.1	24.23	35.6	22.55	33.1	19.68
	-20	-20.2	45.8	28.42	43.6	26.16	41.4	24.76	38.9	23.08	36.4	20.22
	-17	-17.3	50.9	29.22	48.3	26.96	45.7	25.03	42.7	22.9	39.7	20.14
	-15	-15.3	53	29.17	50.3	26.4	47.3	24.57	43.5	21.8	39.7	19.18
	-12	-12.4	53.9	26.62	50.5	24.12	47.3	21.75	43.5	19.31	39.7	17
	-10	-10.5	53.9	24.56	50.5	22.26	47.3	20.08	43.5	17.82	39.7	15.7
	-7	-7.6	53.9	21.82	50.5	19.78	47.3	17.85	43.5	15.86	39.7	13.99
	-5	-5.6	53.9	20.21	50.5	18.33	47.3	16.55	43.5	14.71	39.7	12.97
	-3	-3.7	53.9	18.76	50.5	17.02	47.3	15.38	43.5	13.67	39.7	12.07
	0	-0.7	53.9	16.85	50.5	15.3	47.3	13.84	43.5	12.31	39.7	10.88
	3	2.2	53.9	15.24	50.5	13.85	47.3	12.53	43.5	11.17	39.7	9.89
	5	4.1	53.9	14.3	50.5	13.01	47.3	11.78	43.5	10.51	39.7	9.31
	7	6	53.9	13.48	50.5	12.27	47.3	11.12	43.5	9.93	39.7	8.81
	9	7.9	53.9	12.77	50.5	11.64	47.3	10.56	43.5	9.44	39.7	8.39
11	9.8	53.9	12.16	50.5	11.09	47.3	10.07	43.5	9.01	39.7	8.01	
13	11.8	53.9	11.63	50.5	10.61	47.3	9.63	43.5	8.63	39.7	7.69	
15	13.7	53.9	11.16	50.5	10.18	47.3	9.26	43.5	8.31	39.7	7.41	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM320AXVDGH1EU

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)	Indoor Temperature (°C, WB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	10	76	10.68	92.4	13.14	108.8	15.84	117	17.3	124	18.68	138	21.78	152.2	25.38
	12	76	11.18	92.4	13.84	108.8	16.74	117	18.34	124	19.86	138	23.24	152.2	27.18
	14	76	11.76	92.4	14.62	108.8	17.78	117	19.52	124	21.18	138	24.86	152.2	29.16
	16	76	12.4	92.4	15.5	108.8	18.94	117	20.84	124	22.64	138	26.66	152.2	31.34
	18	76	13.14	92.4	16.5	108.8	20.24	117	22.3	124	24.28	138	28.66	152.2	33.76
	20	76	13.96	92.4	17.62	108.8	21.7	117	23.94	124	26.08	138	30.86	152.2	36.4
	21	76	14.42	92.4	18.22	108.8	22.48	117	24.8	124	27.06	138	32.04	152.2	37.82
	23	76	15.38	92.4	19.52	108.8	24.16	117	26.7	124	29.14	138	34.56	147.6	36.96
	25	76	16.48	92.4	20.98	108.8	26.02	117	28.78	124	31.42	138	37.3	142.2	36.1
	27	76	17.7	92.4	22.58	108.8	28.04	117	31.04	124	33.92	134	36.44	136.8	35.24
	29	76	19.02	92.4	24.32	108.8	30.26	117	33.52	124	36.64	128.6	35.58	131.4	34.38
	31	76	20.5	92.4	26.24	108.8	32.68	117	36.2	120.4	35.78	123.2	34.72	126	33.52
	33	76	22.1	92.4	28.34	108.8	35.3	113.6	35.34	115	34.92	117.8	33.86	120.6	32.66
	35	76	23.86	92.4	30.6	106.4	35.44	108.2	34.48	109.6	34.06	112.4	33.02	115.2	31.82
	37	76	25.78	92.4	33.06	101	34.58	102.8	33.62	104.2	33.2	107	32.16	109.8	30.96
	39	76	27.84	91.8	34.92	95.6	33.72	97.4	32.76	98.8	32.34	101.6	31.3	104.4	30.1
	43	74.2	30.8	81.6	33.2	84.8	32	86.6	31.06	88	30.62	90.8	29.58	93.6	28.38
	46	66	29.52	73.6	31.92	76.8	30.72	78.4	29.76	79.8	29.34	82.6	28.3	85.4	27.1
48	60.6	28.66	68.2	31.06	71.4	29.86	73	28.9	74.4	28.48	77.2	27.44	80	26.24	
50	55.2	27.8	62.8	30.2	66	29	67.6	28.06	69	27.62	71.8	26.58	74.6	25.38	
120	10	70.2	9.6	85.4	11.82	100.4	14.22	108	15.5	114.4	16.76	127.4	19.48	140.4	22.64
	12	70.2	10.02	85.4	12.4	100.4	15	108	16.4	114.4	17.76	127.4	20.72	140.4	24.16
	14	70.2	10.52	85.4	13.08	100.4	15.88	108	17.4	114.4	18.88	127.4	22.12	140.4	25.86
	16	70.2	11.08	85.4	13.84	100.4	16.88	108	18.54	114.4	20.14	127.4	23.68	140.4	27.76
	18	70.2	11.7	85.4	14.7	100.4	18	108	19.8	114.4	21.56	127.4	25.4	140.4	29.84
	20	70.2	12.42	85.4	15.66	100.4	19.26	108	21.22	114.4	23.12	127.4	27.3	140.4	32.14
	21	70.2	12.82	85.4	16.18	100.4	19.94	108	21.98	114.4	23.96	127.4	28.32	140.4	33.36
	23	70.2	13.66	85.4	17.32	100.4	21.4	108	23.62	114.4	25.78	127.4	30.52	140.4	36
	25	70.2	14.62	85.4	18.58	100.4	23.02	108	25.44	114.4	27.78	127.4	32.92	139.8	36.96
	27	70.2	15.68	85.4	19.98	100.4	24.8	108	27.42	114.4	29.96	127.4	35.54	134.4	36.12
	29	70.2	16.84	85.4	21.5	100.4	26.74	108	29.6	114.4	32.34	126.4	36.52	129	35.26
	31	70.2	18.12	85.4	23.18	100.4	28.86	108	31.96	114.4	34.92	121	35.66	123.6	34.4
	33	70.2	19.54	85.4	25.02	100.4	31.16	108	34.52	113	35.06	115.6	34.8	118.2	33.54
	35	70.2	21.08	85.4	27.02	100.4	33.66	106.4	34.66	107.6	34.22	110.2	33.94	112.8	32.68
	37	70.2	22.76	85.4	29.18	99.4	33.8	101	33.8	102.2	33.36	104.8	33.08	107.4	31.82
	39	70.2	24.58	85.4	31.52	94	32.94	95.6	32.94	96.8	32.5	99.4	32.22	102	30.96
	43	70.2	28.66	78.8	31.46	83.2	31.24	84.8	31.22	86	30.78	88.6	30.5	91.2	29.26
	46	63.2	27.38	70.6	30.18	75.2	29.94	76.6	29.94	78	29.5	80.6	29.22	83	27.96
48	57.8	26.52	65.2	29.32	69.8	29.08	71.2	29.08	72.6	28.64	75.2	28.36	77.6	27.1	
50	52.4	25.66	59.8	28.46	64.4	28.22	65.8	28.22	67.2	27.78	69.8	27.5	72.2	26.26	
110	10	64.4	8.56	78.2	10.58	92	12.72	99	13.86	105	14.98	116.8	17.4	128.8	20.14
	12	64.4	8.94	78.2	11.08	92	13.38	99	14.62	105	15.82	116.8	18.44	128.8	21.44
	14	64.4	9.36	78.2	11.66	92	14.14	99	15.48	105	16.78	116.8	19.62	128.8	22.88
	16	64.4	9.84	78.2	12.3	92	15	99	16.44	105	17.86	116.8	20.94	128.8	24.5
	18	64.4	10.38	78.2	13.04	92	15.94	99	17.54	105	19.06	116.8	22.42	128.8	26.3
	20	64.4	11	78.2	13.86	92	17.02	99	18.74	105	20.42	116.8	24.06	128.8	28.28
	21	64.4	11.32	78.2	14.3	92	17.6	99	19.4	105	21.14	116.8	24.94	128.8	29.34
	23	64.4	12.06	78.2	15.3	92	18.86	99	20.82	105	22.7	116.8	26.86	128.8	31.62
	25	64.4	12.88	78.2	16.38	92	20.26	99	22.4	105	24.44	116.8	28.94	128.8	34.12
	27	64.4	13.8	78.2	17.6	92	21.82	99	24.12	105	26.34	116.8	31.22	128.8	36.82
	29	64.4	14.8	78.2	18.92	92	23.5	99	26	105	28.42	116.8	33.7	126.6	36.96
	31	64.4	15.92	78.2	20.4	92	25.36	99	28.08	105	30.68	116.8	36.4	121.2	36.12
	33	64.4	17.16	78.2	22	92	27.38	99	30.32	105	33.12	113.4	36.54	115.8	35.26
	35	64.4	18.5	78.2	23.74	92	29.56	99	32.74	104.6	35	108	35.68	110.4	34.4
	37	64.4	19.98	78.2	25.64	92	31.92	98.4	34.6	100.4	34.14	102.6	34.82	105	33.54
	39	64.4	21.58	78.2	27.7	91.6	33.76	93.8	33.74	95	33.28	97.2	33.98	99.6	32.68
	43	64.4	25.16	75.2	29.04	81.6	32.04	83	32.02	84.2	31.56	86.4	32.26	88.8	30.96
	46	60.2	25.28	67.2	27.76	73.4	30.74	74.8	30.74	76	30.28	78.4	30.98	80.8	29.68
48	54.8	24.42	61.8	26.9	68	29.9	69.4	29.88	70.6	29.42	73	30.12	75.4	28.82	
50	49.4	23.58	56.4	26.04	62.6	29.04	64	29.02	65.2	28.56	67.6	29.26	70	27.96	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM320AXVDGH1EU

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)	Indoor Temperature (°C, WB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	10	58.6	7.6	71.2	9.42	83.8	11.32	90	12.34	95.4	13.32	106.2	15.46	117	17.9
	12	58.6	7.92	71.2	9.84	83.8	11.88	90	12.98	95.4	14.04	106.2	16.34	117	18.98
	14	58.6	8.28	71.2	10.32	83.8	12.52	90	13.72	95.4	14.86	106.2	17.34	117	20.2
	16	58.6	8.68	71.2	10.88	83.8	13.24	90	14.52	95.4	15.76	106.2	18.46	117	21.58
	18	58.6	9.16	71.2	11.5	83.8	14.06	90	15.46	95.4	16.78	106.2	19.72	117	23.1
	20	58.6	9.68	71.2	12.2	83.8	14.98	90	16.48	95.4	17.94	106.2	21.12	117	24.78
	21	58.6	9.96	71.2	12.58	83.8	15.48	90	17.04	95.4	18.56	106.2	21.88	117	25.68
	23	58.6	10.6	71.2	13.42	83.8	16.56	90	18.26	95.4	19.9	106.2	23.5	117	27.66
	25	58.6	11.3	71.2	14.36	83.8	17.76	90	19.6	95.4	21.38	106.2	25.3	117	29.8
	27	58.6	12.08	71.2	15.4	83.8	19.08	90	21.1	95.4	23.02	106.2	27.28	117	32.14
	29	58.6	12.96	71.2	16.54	83.8	20.54	90	22.74	95.4	24.82	106.2	29.42	117	34.7
	31	58.6	13.92	71.2	17.82	83.8	22.14	90	24.52	95.4	26.78	106.2	31.78	117	37.48
	33	58.6	15	71.2	19.2	83.8	23.9	90	26.46	95.4	28.92	106.2	34.32	113.6	36.62
	35	58.6	16.16	71.2	20.72	83.8	25.8	90	28.58	95.4	31.24	105.6	36.24	108.2	35.76
	37	58.6	17.44	71.2	22.38	83.8	27.86	90	30.86	95.4	33.74	100.6	35.38	102.8	34.9
	39	58.6	18.84	71.2	24.16	83.8	30.1	90	33.34	93	33.88	95.2	34.52	97.4	34.06
	43	58.6	21.98	71.2	28.18	78	29.98	81.2	32.78	82.2	32.16	84.4	32.8	86.6	32.34
	46	57.2	23.3	63.6	26.9	69.8	28.7	73	31.5	74	30.88	76.2	31.52	78.4	31.06
	48	51.8	22.44	58.2	26.04	64.4	27.84	67.6	30.64	68.6	30.02	70.8	30.66	73	30.2
	50	46.4	21.58	52.8	25.18	59	26.98	62.2	29.78	63.2	29.16	65.4	29.8	67.6	29.34
90	10	52.6	6.58	64	8.14	75.4	9.84	81	10.72	85.8	11.58	95.6	13.42	105.4	15.52
	12	52.6	6.84	64	8.5	75.4	10.3	81	11.24	85.8	12.16	95.6	14.14	105.4	16.4
	14	52.6	7.14	64	8.9	75.4	10.82	81	11.84	85.8	12.82	95.6	14.96	105.4	17.4
	16	52.6	7.48	64	9.34	75.4	11.42	81	12.5	85.8	13.56	95.6	15.88	105.4	18.52
	18	52.6	7.86	64	9.86	75.4	12.08	81	13.26	85.8	14.42	95.6	16.9	105.4	19.78
	20	52.6	8.3	64	10.44	75.4	12.84	81	14.12	85.8	15.36	95.6	18.06	105.4	21.16
	21	52.6	8.54	64	10.76	75.4	13.26	81	14.58	85.8	15.88	95.6	18.68	105.4	21.92
	23	52.6	9.06	64	11.46	75.4	14.16	81	15.6	85.8	16.98	95.6	20.04	105.4	23.56
	25	52.6	9.64	64	12.24	75.4	15.16	81	16.72	85.8	18.22	95.6	21.54	105.4	25.34
	27	52.6	10.3	64	13.1	75.4	16.26	81	17.96	85.8	19.6	95.6	23.2	105.4	27.32
	29	52.6	11.02	64	14.06	75.4	17.48	81	19.32	85.8	21.1	95.6	25	105.4	29.48
	31	52.6	11.84	64	15.14	75.4	18.84	81	20.82	85.8	22.76	95.6	26.98	105.4	31.82
	33	52.6	12.74	64	16.3	75.4	20.3	81	22.48	85.8	24.56	95.6	29.14	105.4	34.36
	35	52.6	13.72	64	17.58	75.4	21.92	81	24.26	85.8	26.52	95.6	31.46	105	36.28
	37	52.6	14.8	64	18.98	75.4	23.68	81	26.2	85.8	28.64	95.6	33.98	100.4	35.44
	39	52.6	15.98	64	20.5	75.4	25.58	81	28.3	85.8	30.94	93	34.12	95	34.58
	43	52.6	18.64	64	23.92	73.8	28.26	76.6	29.7	79	30.86	82.2	32.4	84.2	32.86
	46	52.6	20.92	60	23.98	65.6	26.98	68.6	28.42	71	29.58	74.2	31.12	76	31.58
	48	49	20.06	54.6	23.12	60.2	26.12	63.2	27.56	65.6	28.72	68.8	30.26	70.6	30.72
	50	43.6	19.2	49.2	22.28	54.8	25.26	57.8	26.7	60.2	27.86	63.4	29.4	65.2	29.86
80	10	46.8	5.64	56.8	7	67	8.46	72	9.24	76.4	9.98	85	11.6	93.6	13.38
	12	46.8	5.86	56.8	7.28	67	8.84	72	9.66	76.4	10.44	85	12.18	93.6	14.08
	14	46.8	6.1	56.8	7.62	67	9.26	72	10.14	76.4	10.98	85	12.82	93.6	14.88
	16	46.8	6.38	56.8	7.98	67	9.74	72	10.7	76.4	11.58	85	13.58	93.6	15.8
	18	46.8	6.68	56.8	8.4	67	10.3	72	11.32	76.4	12.28	85	14.4	93.6	16.82
	20	46.8	7.04	56.8	8.88	67	10.92	72	12	76.4	13.04	85	15.36	93.6	17.96
	21	46.8	7.24	56.8	9.14	67	11.24	72	12.38	76.4	13.46	85	15.86	93.6	18.58
	23	46.8	7.66	56.8	9.72	67	11.98	72	13.22	76.4	14.38	85	16.98	93.6	19.92
	25	46.8	8.16	56.8	10.36	67	12.82	72	14.14	76.4	15.4	85	18.2	93.6	21.4
	27	46.8	8.7	56.8	11.08	67	13.72	72	15.16	76.4	16.54	85	19.58	93.6	23.02
	29	46.8	9.3	56.8	11.88	67	14.74	72	16.3	76.4	17.78	85	21.08	93.6	24.82
	31	46.8	9.98	56.8	12.76	67	15.86	72	17.56	76.4	19.16	85	22.72	93.6	26.78
	33	46.8	10.72	56.8	13.74	67	17.1	72	18.92	76.4	20.66	85	24.52	93.6	28.9
	35	46.8	11.54	56.8	14.8	67	18.44	72	20.42	76.4	22.3	85	26.48	93.6	31.22
	37	46.8	12.44	56.8	15.98	67	19.92	72	22.06	76.4	24.08	85	28.6	93.6	33.72
	39	46.8	13.44	56.8	17.26	67	21.5	72	23.82	76.4	26.02	85	30.88	92.6	33.86
	43	46.8	15.66	56.8	20.12	67	25.08	72	27.78	74.2	28.76	78.6	30.82	81.8	32.14
	46	46.8	17.58	56.4	21.3	61.4	23.8	64	26.48	66.2	27.48	70.4	29.52	73.8	30.86
	48	46	17.84	51	20.44	56	22.94	58.6	25.62	60.8	26.62	65	28.66	68.4	30
	50	40.6	16.98	45.6	19.58	50.6	22.08	53.2	24.78	55.4	25.76	59.6	27.8	63	29.14

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM320AXVDGH1EU

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)	Indoor Temperature (°C, WB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	10	41	4.76	49.8	5.94	58.6	7.2	63	7.88	66.8	8.52	74.4	9.88	82	11.44
	12	41	4.94	49.8	6.18	58.6	7.5	63	8.22	66.8	8.9	74.4	10.34	82	12
	14	41	5.14	49.8	6.44	58.6	7.84	63	8.6	66.8	9.32	74.4	10.86	82	12.64
	16	41	5.36	49.8	6.74	58.6	8.22	63	9.04	66.8	9.8	74.4	11.46	82	13.36
	18	41	5.62	49.8	7.08	58.6	8.66	63	9.54	66.8	10.34	74.4	12.14	82	14.18
	20	41	5.92	49.8	7.46	58.6	9.16	63	10.1	66.8	10.96	74.4	12.88	82	15.08
	21	41	6.08	49.8	7.68	58.6	9.44	63	10.4	66.8	11.3	74.4	13.3	82	15.58
	23	41	6.42	49.8	8.14	58.6	10.02	63	11.06	66.8	12.04	74.4	14.2	82	16.66
	25	41	6.82	49.8	8.66	58.6	10.7	63	11.82	66.8	12.88	74.4	15.2	82	17.86
	27	41	7.26	49.8	9.24	58.6	11.44	63	12.66	66.8	13.78	74.4	16.3	82	19.2
	29	41	7.74	49.8	9.88	58.6	12.26	63	13.58	66.8	14.8	74.4	17.54	82	20.66
	31	41	8.3	49.8	10.6	58.6	13.18	63	14.6	66.8	15.94	74.4	18.88	82	22.26
	33	41	8.9	49.8	11.4	58.6	14.2	63	15.72	66.8	17.16	74.4	20.36	82	24.02
	35	41	9.58	49.8	12.28	58.6	15.3	63	16.96	66.8	18.52	74.4	21.98	82	25.94
	37	41	10.32	49.8	13.24	58.6	16.52	63	18.32	66.8	20	74.4	23.74	82	28.02
	39	41	11.14	49.8	14.3	58.6	17.84	63	19.78	66.8	21.6	74.4	25.64	82	30.26
	43	41	13	49.8	16.68	58.6	20.8	63	23.06	66.8	25.18	73.2	28.34	77	31.82
	46	41	14.58	49.8	18.72	57.4	22.04	59.6	23.12	61.4	25.32	65.2	27.06	69	30.54
	48	41	15.74	47.6	19.02	52	21.18	54.2	22.26	56	24.46	59.8	26.2	63.6	29.68
	50	37.6	14.88	42.2	18.16	46.6	20.32	48.8	21.4	50.6	23.6	54.4	25.34	58.2	28.82
60	10	35.2	3.96	42.6	4.96	50.2	6.02	54	6.6	57.2	7.16	63.8	8.32	70.2	9.64
	12	35.2	4.1	42.6	5.14	50.2	6.26	54	6.86	57.2	7.44	63.8	8.68	70.2	10.06
	14	35.2	4.26	42.6	5.36	50.2	6.54	54	7.16	57.2	7.78	63.8	9.08	70.2	10.56
	16	35.2	4.44	42.6	5.6	50.2	6.84	54	7.5	57.2	8.16	63.8	9.56	70.2	11.12
	18	35.2	4.64	42.6	5.86	50.2	7.18	54	7.9	57.2	8.58	63.8	10.08	70.2	11.76
	20	35.2	4.88	42.6	6.16	50.2	7.58	54	8.34	57.2	9.08	63.8	10.66	70.2	12.48
	21	35.2	5	42.6	6.32	50.2	7.78	54	8.58	57.2	9.34	63.8	11	70.2	12.86
	23	35.2	5.28	42.6	6.7	50.2	8.26	54	9.1	57.2	9.92	63.8	11.7	70.2	13.72
	25	35.2	5.6	42.6	7.1	50.2	8.78	54	9.7	57.2	10.58	63.8	12.5	70.2	14.66
	27	35.2	5.94	42.6	7.58	50.2	9.38	54	10.36	57.2	11.32	63.8	13.38	70.2	15.72
	29	35.2	6.34	42.6	8.1	50.2	10.04	54	11.1	57.2	12.14	63.8	14.36	70.2	16.9
	31	35.2	6.78	42.6	8.68	50.2	10.78	54	11.92	57.2	13.04	63.8	15.44	70.2	18.2
	33	35.2	7.28	42.6	9.32	50.2	11.58	54	12.82	57.2	14.02	63.8	16.64	70.2	19.62
	35	35.2	7.82	42.6	10.02	50.2	12.48	54	13.82	57.2	15.12	63.8	17.94	70.2	21.16
	37	35.2	8.42	42.6	10.8	50.2	13.46	54	14.92	57.2	16.32	63.8	19.38	70.2	22.84
	39	35.2	9.08	42.6	11.66	50.2	14.54	54	16.1	57.2	17.62	63.8	20.92	70.2	24.68
	43	35.2	10.6	42.6	13.6	50.2	16.96	54	18.78	57.2	20.56	63.8	24.4	70.2	28.78
	46	35.2	11.9	42.6	15.26	50.2	19.02	54	21.08	56.6	21.76	59.8	24.5	63.2	27.5
	48	35.2	12.84	42.6	16.48	47.8	19.34	49.6	20.22	51.2	20.92	54.4	23.64	57.8	26.64
	50	34.8	12.92	38.6	15.62	42.4	18.48	44.2	19.36	45.8	20.06	49	22.78	52.4	25.78
50	10	29.2	3.22	35.6	4.02	41.8	4.92	45	5.4	47.8	5.84	53.2	6.82	58.6	7.92
	12	29.2	3.32	35.6	4.18	41.8	5.1	45	5.6	47.8	6.08	53.2	7.1	58.6	8.24
	14	29.2	3.44	35.6	4.34	41.8	5.3	45	5.84	47.8	6.34	53.2	7.4	58.6	8.62
	16	29.2	3.58	35.6	4.52	41.8	5.54	45	6.1	47.8	6.62	53.2	7.76	58.6	9.04
	18	29.2	3.74	35.6	4.72	41.8	5.8	45	6.4	47.8	6.96	53.2	8.16	58.6	9.52
	20	29.2	3.92	35.6	4.96	41.8	6.1	45	6.74	47.8	7.32	53.2	8.62	58.6	10.08
	21	29.2	4.02	35.6	5.08	41.8	6.28	45	6.92	47.8	7.52	53.2	8.86	58.6	10.38
	23	29.2	4.24	35.6	5.36	41.8	6.64	45	7.32	47.8	7.98	53.2	9.4	58.6	11.02
	25	29.2	4.48	35.6	5.68	41.8	7.04	45	7.78	47.8	8.48	53.2	10.02	58.6	11.76
	27	29.2	4.76	35.6	6.04	41.8	7.5	45	8.3	47.8	9.06	53.2	10.7	58.6	12.58
	29	29.2	5.06	35.6	6.46	41.8	8.02	45	8.88	47.8	9.68	53.2	11.46	58.6	13.48
	31	29.2	5.4	35.6	6.9	41.8	8.58	45	9.52	47.8	10.38	53.2	12.3	58.6	14.5
	33	29.2	5.8	35.6	7.4	41.8	9.22	45	10.22	47.8	11.16	53.2	13.24	58.6	15.6
	35	29.2	6.22	35.6	7.96	41.8	9.92	45	11	47.8	12.02	53.2	14.26	58.6	16.82
	37	29.2	6.7	35.6	8.58	41.8	10.7	45	11.86	47.8	12.96	53.2	15.38	58.6	18.16
	39	29.2	7.22	35.6	9.24	41.8	11.54	45	12.8	47.8	14	53.2	16.62	58.6	19.6
	43	29.2	8.42	35.6	10.78	41.8	13.46	45	14.94	47.8	16.32	53.2	19.38	58.6	22.88
	46	29.2	9.44	35.6	12.1	41.8	15.1	45	16.76	47.8	18.32	53.2	21.74	57.2	24.26
	48	29.2	10.2	35.6	13.08	41.8	16.3	45	18.1	46.4	18.6	49.2	20.88	51.8	23.4
	50	29.2	11	35	13.16	38.2	15.46	39.8	17.24	41	17.74	43.8	20.02	46.4	22.54

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM320AXVDGH1EU

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)		Indoor Temperature (°C, DB)									
	DB	WB	16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	-25	-25.1	71.6	27.24	69.8	28.64	68	30.32	65.8	32.58	63.8	34.26
	-22	-22.2	82.4	29.76	80.6	31.16	78.8	32.86	76.8	35.1	74.6	36.78
	-20	-20.2	89.8	31.44	88	32.86	86	34.54	84	36.78	79.4	37.9
	-17	-17.3	100.6	33.98	98.8	35.38	97	37.06	91	38.18	84.8	38.76
	-15	-15.3	107.8	35.66	106	37.06	101	38.18	94.6	38.76	88.4	39.32
	-12	-12.4	117.4	38.18	112.2	38.46	106.6	39.04	100	39.6	94	40.16
	-10	-10.5	121	38.76	115.8	39.04	110.2	39.6	103.6	40.16	97.6	40.72
	-7	-7.6	126.4	39.6	121.2	39.88	115.6	40.44	109	41	103	41.56
	-5	-5.6	130	40.16	124.8	40.44	119.2	41	112.6	41.56	106	42.12
	-3	-3.7	133.6	40.72	128.6	41	122.8	41.56	115.6	42.12	107	42.12
	0	-0.7	139.2	41.56	134	41.84	126	42.12	117	42.12	108.6	42.12
	3	2.2	142.8	42.12	135.2	42.12	127.6	42.12	118.6	42.12	110	41.72
	5	4.1	143.8	42.12	136.2	42.12	128.6	42.12	119.6	42.12	110	38.8
	7	6	144.8	42.12	137.2	42.12	129.6	42.12	120.6	40.76	110	36.16
	9	7.9	145.8	42.12	138.2	42.12	130.6	42.12	120.6	38.1	110	33.86
11	9.8	146.8	42.12	139.2	42.12	131	39.86	120.6	35.72	110	31.82	
13	11.8	147.8	42.12	140.2	41.04	131	37.42	120.6	33.62	110	30.02	
15	13.7	148.8	42.12	140.2	38.6	131	35.28	120.6	31.76	110	28.42	
120	-25	-25.1	69.2	28.92	67.6	30.32	66	32.02	64	33.7	62	35.1
	-22	-22.2	80.2	31.44	78.4	32.86	76.8	34.54	74.8	36.22	71.6	37.62
	-20	-20.2	87.4	33.14	85.8	34.54	84	36.22	80.8	37.9	75.2	38.18
	-17	-17.3	98.4	35.66	96.6	37.06	92.2	38.18	86.2	38.76	80.6	39.04
	-15	-15.3	105.6	37.34	101	38.18	95.8	38.76	89.8	39.32	84.4	39.6
	-12	-12.4	111.2	38.76	106.4	39.04	101.2	39.6	95.2	40.16	89.8	40.44
	-10	-10.5	114.8	39.32	110	39.6	104.8	40.16	98.8	40.72	93.4	41
	-7	-7.6	120.2	40.16	115.6	40.44	110.4	41	104.4	41.56	98.8	41.84
	-5	-5.6	123.8	40.72	119.2	41	114	41.56	107.8	42.12	99.6	42.12
	-3	-3.7	127.4	41.28	122.8	41.56	117	42.12	108.8	42.12	100.6	42.12
	0	-0.7	132.4	42.12	125.4	42.12	118.4	42.12	110.2	42.12	101.6	39.64
	3	2.2	133.8	42.12	127	42.12	120	42.12	111.2	40.06	101.6	35.44
	5	4.1	134.8	42.12	128	42.12	121	41.78	111.2	37.24	101.6	33
	7	6	135.8	42.12	129	42.12	121	38.88	111.2	34.72	101.6	30.82
	9	7.9	136.8	42.12	129.4	40.02	121	36.34	111.2	32.52	101.6	28.92
11	9.8	138	41.08	129.4	37.46	121	34.08	111.2	30.56	101.6	27.24	
13	11.8	138	38.52	129.4	35.2	121	32.08	111.2	28.82	101.6	25.76	
15	13.7	138	36.26	129.4	33.18	121	30.3	111.2	27.3	101.6	24.44	
110	-25	-25.1	67	31.16	65.4	32.02	63.8	33.7	62.2	35.1	58	36.22
	-22	-22.2	77.8	33.7	76.4	34.54	74.8	36.22	72.4	37.62	67	38.18
	-20	-20.2	85.2	35.38	83.6	36.22	81	37.9	76	38.18	70.6	38.76
	-17	-17.3	95.8	37.9	91.2	38.18	86.4	38.76	81.4	39.04	76	39.6
	-15	-15.3	99.4	38.46	94.8	38.76	90	39.32	85	39.6	79.6	40.16
	-12	-12.4	105	39.32	100.2	39.6	95.4	40.16	90.6	40.44	85	41
	-10	-10.5	108.6	39.88	103.8	40.16	99.2	40.72	94.2	41	88.6	41.56
	-7	-7.6	114	40.72	109.2	41	104.6	41.56	99.6	41.84	92.2	42.12
	-5	-5.6	117.6	41.28	112.8	41.56	107.8	42.12	100.4	42.12	93.2	40.72
	-3	-3.7	121.2	41.84	115.2	42.12	108.8	42.12	101.4	42.12	93.2	37.64
	0	-0.7	123.4	42.12	116.6	42.12	110.4	42.12	102	38.04	93.2	33.56
	3	2.2	124.8	42.12	118.2	42.12	110.8	38.2	102	34.02	93.2	30.06
	5	4.1	125.8	42.12	118.6	39.2	110.8	35.5	102	31.66	93.2	28.04
	7	6	126.4	40.14	118.6	36.5	110.8	33.1	102	29.56	93.2	26.22
	9	7.9	126.4	37.48	118.6	34.12	110.8	31	102	27.72	93.2	24.64
11	9.8	126.4	35.12	118.6	32.02	110.8	29.14	102	26.1	93.2	23.26	
13	11.8	126.4	33.02	118.6	30.14	110.8	27.48	102	24.68	93.2	22.04	
15	13.7	126.4	31.14	118.6	28.48	110.8	26.02	102	23.4	93.2	20.96	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM320AXVDGH1EU

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)		Indoor Temperature (°C, DB)									
	DB	WB	16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	-25	-25.1	64.6	32.86	63.2	33.7	61.8	36.08	57.8	35.66	53.8	34.66
	-22	-22.2	75.6	35.38	74.2	36.22	71.6	37.9	67.2	38.18	62.8	36.62
	-20	-20.2	82.8	37.06	80	37.9	75.2	38.46	70.8	38.76	66.4	37.18
	-17	-17.3	89.2	38.46	85.4	38.76	80.6	39.32	76.2	39.6	71.8	38.02
	-15	-15.3	92.8	39.04	89	39.32	84.2	39.88	79.8	40.16	75.4	38.6
	-12	-12.4	98.2	39.88	94.4	40.16	89.8	40.72	85.4	41	80.8	39.44
	-10	-10.5	101.8	40.44	98	40.72	93.4	41.28	89	41.56	84.6	40
	-7	-7.6	107.2	41.28	103.6	41.56	98.8	42.12	92.2	42.12	84.6	37.16
	-5	-5.6	110.8	41.84	105.8	42.12	99.8	42.12	92.8	38.96	84.6	34.32
	-3	-3.7	112.4	42.12	106.8	42.12	100.8	40.56	92.8	36	84.6	31.74
	0	-0.7	114	42.12	107.8	39.98	100.8	36.1	92.8	32.1	84.6	28.34
	3	2.2	115	39.34	107.8	35.72	100.8	32.3	92.8	28.76	84.6	25.44
	5	4.1	115	36.56	107.8	33.22	100.8	30.08	92.8	26.82	84.6	23.76
	7	6	115	34.06	107.8	30.98	100.8	28.08	92.8	25.08	84.6	22.26
	9	7.9	115	31.88	107.8	29.04	100.8	26.36	92.8	23.58	84.6	20.96
11	9.8	115	29.94	107.8	27.3	100.8	24.82	92.8	22.24	84.6	19.82	
13	11.8	115	28.22	107.8	25.78	100.8	23.46	92.8	21.08	84.6	18.82	
15	13.7	115	26.7	107.8	24.42	100.8	22.28	92.8	20.04	84.6	17.94	
90	-25	-25.1	62.4	34.54	60	35.38	56.8	35.66	53.2	35.56	49.6	32.4
	-22	-22.2	73.2	37.06	70	37.9	66.4	38.18	62	37.52	57	34.36
	-20	-20.2	77	38.18	73.8	38.46	70	38.76	65.6	38.08	60.6	34.92
	-17	-17.3	82.4	39.04	79.2	39.32	75.4	39.6	71	38.92	66.2	35.76
	-15	-15.3	86	39.6	82.8	39.88	79	40.16	74.6	39.48	69.8	36.32
	-12	-12.4	91.4	40.44	88.2	40.72	84.4	41	80	40.34	75.2	37.16
	-10	-10.5	95.2	41	91.8	41.28	88	41.56	83.4	40.9	76.2	35.96
	-7	-7.6	100.6	41.84	96	42.12	90.8	40.82	83.4	36.22	76.2	31.88
	-5	-5.6	102	42.12	97	41.8	90.8	37.68	83.4	33.46	76.2	29.46
	-3	-3.7	103	42.12	97	38.62	90.8	34.84	83.4	30.94	76.2	27.28
	0	-0.7	103.4	37.98	97	34.4	90.8	31.06	83.4	27.64	76.2	24.4
	3	2.2	103.4	33.94	97	30.78	90.8	27.84	83.4	24.8	76.2	21.94
	5	4.1	103.4	31.58	97	28.68	90.8	25.98	83.4	23.16	76.2	20.52
	7	6	103.4	29.48	97	26.8	90.8	24.3	83.4	21.7	76.2	19.26
	9	7.9	103.4	27.64	97	25.16	90.8	22.86	83.4	20.44	76.2	18.18
11	9.8	103.4	26.02	97	23.72	90.8	21.58	83.4	19.32	76.2	17.22	
13	11.8	103.4	24.58	97	22.44	90.8	20.44	83.4	18.34	76.2	16.38	
15	13.7	103.4	23.32	97	21.32	90.8	19.46	83.4	17.48	76.2	15.64	
80	-25	-25.1	57.4	35.66	54.6	35.4	51.8	33.72	48.6	31.56	45.4	28.82
	-22	-22.2	66.6	38.18	63.8	37.92	60	35.68	55.6	32.96	51.4	30.22
	-20	-20.2	70.2	38.76	67.4	38.5	63.6	36.24	59.4	33.54	55	30.78
	-17	-17.3	75.6	39.6	72.8	39.34	69.2	37.08	64.8	34.38	60.4	31.64
	-15	-15.3	79.4	40.16	76.6	39.9	72.8	37.66	68.4	34.94	64	32.2
	-12	-12.4	84.8	41	82	40.74	78.2	38.5	73.8	35.78	67.8	33.04
	-10	-10.5	88.4	41.56	85.6	41.3	80.6	39.06	74.2	34.62	67.8	30.46
	-7	-7.6	91.4	42.12	86.2	38.36	80.6	34.6	74.2	30.7	67.8	27.02
	-5	-5.6	92	39.16	86.2	35.42	80.6	31.98	74.2	28.38	67.8	25
	-3	-3.7	92	36.2	86.2	32.76	80.6	29.58	74.2	26.28	67.8	23.18
	0	-0.7	92	32.28	86.2	29.24	80.6	26.44	74.2	23.5	67.8	20.76
	3	2.2	92	28.92	86.2	26.24	80.6	23.74	74.2	21.16	67.8	18.72
	5	4.1	92	26.96	86.2	24.5	80.6	22.18	74.2	19.8	67.8	17.54
	7	6	92	25.22	86.2	22.94	80.6	20.8	74.2	18.58	67.8	16.48
	9	7.9	92	23.7	86.2	21.6	80.6	19.6	74.2	17.54	67.8	15.58
11	9.8	92	22.38	86.2	20.42	80.6	18.54	74.2	16.62	67.8	14.8	
13	11.8	92	21.2	86.2	19.36	80.6	17.62	74.2	15.82	67.8	14.1	
15	13.7	92	20.16	86.2	18.46	80.6	16.82	74.2	15.12	67.8	13.5	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM320AXVDGH1EU

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)		Indoor Temperature (°C, DB)									
	DB	WB	16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	-25	-25.1	51.6	34.62	49.2	32.58	46.8	31.14	44	28.66	40.2	26.8
	-22	-22.2	59.8	36.58	56.6	34.56	53.2	32.54	49.4	30.06	45.6	27.64
	-20	-20.2	63.6	37.14	60.2	35.12	56.8	33.1	53	30.64	49.2	28.2
	-17	-17.3	69	38	65.6	35.96	62.4	33.94	58.6	31.48	54.8	29.06
	-15	-15.3	72.6	38.56	69.2	36.52	66	34.5	62.2	32.04	58.4	29.62
	-12	-12.4	78	39.4	74.8	37.36	70.6	35.34	65	31.3	59.2	27.56
	-10	-10.5	80.4	39.96	75.6	36.14	70.6	32.58	65	28.86	59.2	25.42
	-7	-7.6	80.4	35.4	75.6	32.04	70.6	28.9	65	25.62	59.2	22.58
	-5	-5.6	80.4	32.7	75.6	29.62	70.6	26.72	65	23.7	59.2	20.9
	-3	-3.7	80.4	30.26	75.6	27.42	70.6	24.76	65	21.98	59.2	19.4
	0	-0.7	80.4	27.04	75.6	24.52	70.6	22.16	65	19.7	59.2	17.4
	3	2.2	80.4	24.3	75.6	22.06	70.6	19.96	65	17.78	59.2	15.72
	5	4.1	80.4	22.7	75.6	20.62	70.6	18.7	65	16.66	59.2	14.76
	7	6	80.4	21.28	75.6	19.36	70.6	17.56	65	15.68	59.2	13.9
	9	7.9	80.4	20.06	75.6	18.26	70.6	16.58	65	14.84	59.2	13.16
11	9.8	80.4	18.98	75.6	17.3	70.6	15.74	65	14.1	59.2	12.52	
13	11.8	80.4	18.02	75.6	16.46	70.6	14.98	65	13.44	59.2	11.96	
15	13.7	80.4	17.2	75.6	15.72	70.6	14.32	65	12.88	59.2	11.48	
60	-25	-25.1	46	31.18	43.8	29.38	41	28.22	37.8	26.14	34.6	23.98
	-22	-22.2	52.2	32.6	49.4	30.78	46.4	29.06	43.2	26.98	40	24.84
	-20	-20.2	55.8	33.16	53	31.34	50.2	29.62	46.8	27.54	43.6	25.4
	-17	-17.3	61.2	34	58.4	32.18	55.6	30.46	52.2	28.38	49	26.24
	-15	-15.3	64.8	34.56	62	32.74	59.2	31.02	55.6	28.94	50.8	25.46
	-12	-12.4	69	35.4	64.8	31.98	60.4	28.84	55.6	25.62	50.8	22.52
	-10	-10.5	69	32.64	64.8	29.48	60.4	26.62	55.6	23.64	50.8	20.8
	-7	-7.6	69	28.96	64.8	26.18	60.4	23.62	55.6	21	50.8	18.48
	-5	-5.6	69	26.78	64.8	24.22	60.4	21.88	55.6	19.44	50.8	17.14
	-3	-3.7	69	24.8	64.8	22.46	60.4	20.28	55.6	18.06	50.8	15.92
	0	-0.7	69	22.22	64.8	20.14	60.4	18.2	55.6	16.22	50.8	14.32
	3	2.2	69	20.02	64.8	18.16	60.4	16.44	55.6	14.66	50.8	12.96
	5	4.1	69	18.74	64.8	17.02	60.4	15.42	55.6	13.78	50.8	12.18
	7	6	69	17.62	64.8	16.02	60.4	14.52	55.6	12.98	50.8	11.5
	9	7.9	69	16.66	64.8	15.16	60.4	13.74	55.6	12.3	50.8	10.92
11	9.8	69	15.8	64.8	14.4	60.4	13.08	55.6	11.72	50.8	10.4	
13	11.8	69	15.06	64.8	13.74	60.4	12.48	55.6	11.2	50.8	9.96	
15	13.7	69	14.4	64.8	13.16	60.4	11.96	55.6	10.74	50.8	9.56	
50	-25	-25.1	39	27.34	36.6	25.88	34.2	24.46	31.6	21.4	28.8	19.74
	-22	-22.2	44.4	28.18	42	26.72	39.6	25.3	37	22.24	34.2	20.6
	-20	-20.2	48	28.74	45.6	27.3	43.4	25.86	40.6	22.8	38	21.16
	-17	-17.3	53.6	29.58	51.2	28.14	48.8	26.7	46	23.64	42.4	22
	-15	-15.3	57.2	30.14	54	28.7	50.4	25.9	46.4	22.96	42.4	20.26
	-12	-12.4	57.4	28.04	54	25.4	50.4	22.92	46.4	20.34	42.4	17.96
	-10	-10.5	57.4	25.88	54	23.44	50.4	21.16	46.4	18.78	42.4	16.58
	-7	-7.6	57.4	22.98	54	20.82	50.4	18.82	46.4	16.72	42.4	14.76
	-5	-5.6	57.4	21.28	54	19.3	50.4	17.44	46.4	15.5	42.4	13.7
	-3	-3.7	57.4	19.76	54	17.92	50.4	16.2	46.4	14.4	42.4	12.74
	0	-0.7	57.4	17.74	54	16.1	50.4	14.56	46.4	12.98	42.4	11.48
	3	2.2	57.4	16.04	54	14.56	50.4	13.2	46.4	11.76	42.4	10.42
	5	4.1	57.4	15.06	54	13.68	50.4	12.4	46.4	11.08	42.4	9.82
	7	6	57.4	14.18	54	12.9	50.4	11.7	46.4	10.46	42.4	9.28
	9	7.9	57.4	13.44	54	12.24	50.4	11.1	46.4	9.94	42.4	8.82
11	9.8	57.4	12.78	54	11.66	50.4	10.58	46.4	9.48	42.4	8.44	
13	11.8	57.4	12.22	54	11.14	50.4	10.14	46.4	9.1	42.4	8.08	
15	13.7	57.4	11.72	54	10.7	50.4	9.74	46.4	8.74	42.4	7.78	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM340AXVDGH1EU

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)	Indoor Temperature (°C, WB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	10	80.6	11.89	98	14.65	115.3	17.67	124	19.32	131.5	20.9	146.3	24.42	161.3	28.52
	12	80.6	12.47	98	15.45	115.3	18.72	124	20.52	131.5	22.25	146.3	26.09	161.3	30.58
	14	80.6	13.13	98	16.35	115.3	19.91	124	21.88	131.5	23.77	146.3	27.96	161.3	32.85
	16	80.6	13.88	98	17.36	115.3	21.25	124	23.4	131.5	25.45	146.3	30.02	161.3	35.35
	18	80.6	14.72	98	18.51	115.3	22.74	124	25.07	131.5	27.32	146.3	32.3	161.3	38.1
	20	80.6	15.66	98	19.79	115.3	24.4	124	26.94	131.5	29.38	146.3	34.8	160.3	40.14
	21	80.6	16.19	98	20.48	115.3	25.29	124	27.94	131.5	30.49	146.3	36.15	159.8	41.21
	23	80.6	17.3	98	21.97	115.3	27.21	124	30.09	131.5	32.86	146.1	38.55	154.6	40.24
	25	80.6	18.54	98	23.62	115.3	29.32	124	32.46	131.5	35.45	145.1	40.64	148.9	39.27
	27	80.6	19.93	98	25.44	115.3	31.62	124	35.02	131.5	38.28	140.2	39.67	143.2	38.31
	29	80.6	21.44	98	27.43	115.3	34.13	124	37.82	130.5	40.36	134.5	38.7	137.5	37.34
	31	80.6	23.11	98	29.6	115.3	36.87	123.3	39.88	125.8	39.39	128.8	37.73	131.7	36.37
	33	80.6	24.93	98	31.97	114.9	39.34	118.6	38.91	120.1	38.42	123	36.76	126	35.4
	35	80.6	26.92	98	34.52	111	38.87	112.9	37.94	114.3	37.45	117.3	35.8	120.3	34.44
	37	80.6	29.08	98	37.28	105.3	37.91	107.1	36.97	108.6	36.48	111.6	34.84	114.6	33.47
	39	80.6	31.4	95.9	37.68	99.6	36.94	101.4	36.01	102.9	35.51	105.9	33.87	108.8	32.5
	43	76.8	33.74	84.7	35.74	88.1	35	90	34.08	91.5	33.58	94.4	31.93	97.4	30.57
	46	68.2	32.29	76.2	34.29	79.6	33.55	81.3	32.62	82.8	32.13	85.8	30.48	88.8	29.12
	48	62.5	31.32	70.5	33.32	73.9	32.58	75.6	31.65	77.1	31.16	80.1	29.51	83	28.15
	50	56.8	30.35	64.7	32.35	68.2	31.62	69.9	30.69	71.4	30.19	74.3	28.55	77.3	27.18
120	10	74.4	10.67	90.5	13.15	106.5	15.85	114.5	17.3	121.3	18.71	135.1	21.8	148.8	25.39
	12	74.4	11.17	90.5	13.83	106.5	16.76	114.5	18.34	121.3	19.87	135.1	23.23	148.8	27.14
	14	74.4	11.74	90.5	14.61	106.5	17.77	114.5	19.49	121.3	21.16	135.1	24.84	148.8	29.09
	16	74.4	12.38	90.5	15.48	106.5	18.92	114.5	20.8	121.3	22.61	135.1	26.62	148.8	31.26
	18	74.4	13.1	90.5	16.47	106.5	20.21	114.5	22.25	121.3	24.23	135.1	28.59	148.8	33.64
	20	74.4	13.92	90.5	17.57	106.5	21.64	114.5	23.87	121.3	26.02	135.1	30.76	148.8	36.26
	21	74.4	14.38	90.5	18.17	106.5	22.42	114.5	24.74	121.3	26.98	135.1	31.93	148.8	37.65
	23	74.4	15.34	90.5	19.47	106.5	24.09	114.5	26.61	121.3	29.05	135.1	34.42	148.3	39.69
	25	74.4	16.43	90.5	20.91	106.5	25.93	114.5	28.67	121.3	31.32	135.1	37.15	146.4	40.26
	27	74.4	17.64	90.5	22.5	106.5	27.95	114.5	30.92	121.3	33.8	134.6	39.63	140.7	39.3
	29	74.4	18.96	90.5	24.24	106.5	30.15	114.5	33.38	121.3	36.49	132.2	40.21	135	38.33
	31	74.4	20.42	90.5	26.14	106.5	32.55	114.5	36.05	121	38.94	126.5	39.24	129.2	37.36
	33	74.4	22.02	90.5	28.22	106.5	35.15	114.2	38.48	118	38.47	120.8	38.27	123.5	36.39
	35	74.4	23.77	90.5	30.48	106.4	37.53	111	38.01	112.3	37.51	115	37.3	117.8	35.42
	37	74.4	25.67	90.5	32.92	103.6	37.06	105.2	37.04	106.6	36.54	109.3	36.34	112.1	34.46
	39	74.4	27.72	90.5	35.55	97.9	36.09	99.5	36.07	100.8	35.57	103.6	35.37	106.3	33.49
	43	73.2	31.37	81.7	34.44	86.4	34.17	88.1	34.14	89.4	33.64	92.1	33.43	94.9	31.56
	46	65.2	29.93	73.1	32.99	77.9	32.71	79.4	32.69	80.8	32.19	83.6	31.98	86.2	30.1
	48	59.4	28.96	67.4	32.02	72.2	31.74	73.7	31.72	75.1	31.22	77.9	31.01	80.5	29.13
	50	53.7	27.99	61.6	31.05	66.4	30.77	68	30.75	69.4	30.25	72.2	30.05	74.8	28.18
110	10	68.2	9.53	82.9	11.77	97.6	14.17	104.9	15.46	111.3	16.71	123.8	19.43	136.5	22.55
	12	68.2	9.96	82.9	12.35	97.6	14.94	104.9	16.34	111.3	17.68	123.8	20.64	136.5	24.05
	14	68.2	10.44	82.9	13.01	97.6	15.81	104.9	17.33	111.3	18.79	123.8	22	136.5	25.71
	16	68.2	11	82.9	13.76	97.6	16.8	104.9	18.44	111.3	20.03	123.8	23.52	136.5	27.56
	18	68.2	11.62	82.9	14.6	97.6	17.89	104.9	19.69	111.3	21.41	123.8	25.21	136.5	29.61
	20	68.2	12.33	82.9	15.55	97.6	19.12	104.9	21.07	111.3	22.96	123.8	27.09	136.5	31.87
	21	68.2	12.7	82.9	16.06	97.6	19.79	104.9	21.82	111.3	23.78	123.8	28.1	136.5	33.08
	23	68.2	13.55	82.9	17.19	97.6	21.23	104.9	23.44	111.3	25.57	123.8	30.27	136.5	35.67
	25	68.2	14.49	82.9	18.43	97.6	22.82	104.9	25.24	111.3	27.54	123.8	32.64	136.5	38.5
	27	68.2	15.53	82.9	19.81	97.6	24.58	104.9	27.19	111.3	29.7	123.8	35.22	135.8	40.57
	29	68.2	16.68	82.9	21.32	97.6	26.5	104.9	29.33	111.3	32.05	123.8	38.03	132.4	40.1
	31	68.2	17.95	82.9	22.99	97.6	28.6	104.9	31.68	111.3	34.61	123.1	40.1	126.7	39.14
	33	68.2	19.36	82.9	24.81	97.6	30.88	104.9	34.21	111.3	37.38	118.5	39.63	121	38.17
	35	68.2	20.88	82.9	26.78	97.6	33.35	104.9	36.94	109.7	38.41	112.7	38.66	115.3	37.21
	37	68.2	22.55	82.9	28.93	97.6	36.01	102.9	37.96	104.6	37.44	107	37.69	109.5	36.24
	39	68.2	24.36	82.9	31.24	95.7	37.02	97.6	36.99	98.9	36.47	101.3	36.74	103.8	35.27
	43	68.2	28.4	77.9	31.78	84.7	35.08	86.1	35.05	87.4	34.53	89.8	34.8	92.4	33.33
	46	62	27.65	69.4	30.34	76	33.63	77.5	33.61	78.8	33.08	81.3	33.35	83.8	31.88
	48	56.3	26.68	63.7	29.37	70.3	32.67	71.8	32.64	73.1	32.12	75.6	32.38	78.1	30.92
	50	50.6	25.72	58	28.4	64.6	31.7	66.1	31.67	67.3	31.15	69.9	31.41	72.4	29.95

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM340AXVDGH1EU

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)	Indoor Temperature (°C, WB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	
100	10	62.1	8.46	75.4	10.47	88.8	12.61	95.4	13.75	101.1	14.86	112.6	17.26	124	19.99
	12	62.1	8.82	75.4	10.96	88.8	13.25	95.4	14.49	101.1	15.68	112.6	18.27	124	21.24
	14	62.1	9.24	75.4	11.51	88.8	13.99	95.4	15.33	101.1	16.62	112.6	19.42	124	22.65
	16	62.1	9.7	75.4	12.15	88.8	14.82	95.4	16.26	101.1	17.66	112.6	20.71	124	24.22
	18	62.1	10.24	75.4	12.87	88.8	15.76	95.4	17.33	101.1	18.83	112.6	22.15	124	25.96
	20	62.1	10.85	75.4	13.67	88.8	16.81	95.4	18.51	101.1	20.15	112.6	23.75	124	27.89
	21	62.1	11.17	75.4	14.11	88.8	17.38	95.4	19.15	101.1	20.86	112.6	24.62	124	28.92
	23	62.1	11.9	75.4	15.07	88.8	18.62	95.4	20.54	101.1	22.4	112.6	26.47	124	31.16
	25	62.1	12.7	75.4	16.15	88.8	19.99	95.4	22.07	101.1	24.08	112.6	28.52	124	33.6
	27	62.1	13.6	75.4	17.33	88.8	21.49	95.4	23.77	101.1	25.95	112.6	30.76	124	36.26
	29	62.1	14.59	75.4	18.64	88.8	23.16	95.4	25.63	101.1	27.99	112.6	33.19	124	39.15
	31	62.1	15.69	75.4	20.08	88.8	24.97	95.4	27.65	101.1	30.21	112.6	35.85	123.3	41.26
	33	62.1	16.91	75.4	21.65	88.8	26.96	95.4	29.85	101.1	32.62	112.6	38.26	118.6	40.29
	35	62.1	18.23	75.4	23.37	88.8	29.11	95.4	32.24	101.1	35.24	110.4	39.31	112.9	39.32
	37	62.1	19.68	75.4	25.24	88.8	31.44	95.4	34.81	100.9	37.62	104.8	38.34	107.1	38.35
	39	62.1	21.26	75.4	27.26	88.8	33.95	94.7	36.75	96.8	37.15	99.1	37.37	101.4	37.39
	43	62.1	24.79	74	30.85	80.9	32.82	84.2	35.39	85.3	35.21	87.7	35.44	90	35.46
	46	58.9	25.45	65.6	29.4	72.2	31.37	75.6	33.95	76.7	33.76	79	33.99	81.3	34.01
	48	53.2	24.49	59.9	28.43	66.5	30.4	69.9	32.98	71	32.8	73.3	33.02	75.6	33.04
	50	47.4	23.52	54.2	27.46	60.8	29.43	64.2	32.01	65.3	31.83	67.6	32.05	69.9	32.07
90	10	55.8	7.32	67.8	9.06	79.9	10.95	85.9	11.94	91	12.89	101.3	14.96	111.7	17.31
	12	55.8	7.62	67.8	9.47	79.9	11.48	85.9	12.54	91	13.57	101.3	15.79	111.7	18.32
	14	55.8	7.96	67.8	9.93	79.9	12.08	85.9	13.22	91	14.33	101.3	16.73	111.7	19.47
	16	55.8	8.35	67.8	10.45	79.9	12.76	85.9	13.99	91	15.18	101.3	17.79	111.7	20.76
	18	55.8	8.79	67.8	11.05	79.9	13.53	85.9	14.86	91	16.16	101.3	18.97	111.7	22.2
	20	55.8	9.29	67.8	11.71	79.9	14.4	85.9	15.85	91	17.24	101.3	20.29	111.7	23.79
	21	55.8	9.57	67.8	12.08	79.9	14.87	85.9	16.38	91	17.83	101.3	21.01	111.7	24.66
	23	55.8	10.16	67.8	12.88	79.9	15.9	85.9	17.53	91	19.1	101.3	22.55	111.7	26.52
	25	55.8	10.83	67.8	13.77	79.9	17.04	85.9	18.81	91	20.51	101.3	24.26	111.7	28.56
	27	55.8	11.58	67.8	14.75	79.9	18.3	85.9	20.23	91	22.07	101.3	26.14	111.7	30.8
	29	55.8	12.41	67.8	15.85	79.9	19.69	85.9	21.78	91	23.78	101.3	28.19	111.7	33.24
	31	55.8	13.34	67.8	17.07	79.9	21.23	85.9	23.48	91	25.66	101.3	30.43	111.7	35.89
	33	55.8	14.36	67.8	18.39	79.9	22.89	85.9	25.35	91	27.7	101.3	32.86	111.7	38.76
	35	55.8	15.47	67.8	19.84	79.9	24.72	85.9	27.37	91	29.91	101.3	35.49	110	39.81
	37	55.8	16.69	67.8	21.42	79.9	26.7	85.9	29.56	91	32.3	101	37.88	104.6	38.86
	39	55.8	18.03	67.8	23.14	79.9	28.84	85.9	31.92	91	34.88	96.8	37.41	98.9	37.89
	43	55.8	21.03	67.8	26.99	76.4	30.92	79.4	32.51	82	33.77	85.4	35.48	87.5	35.95
	46	54.9	22.83	61.8	26.21	67.8	29.47	70.9	31.06	73.4	32.32	76.8	34.03	78.8	34.5
	48	50.1	21.86	56.1	25.24	62.1	28.5	65.2	30.09	67.7	31.35	71.1	33.06	73.1	33.53
	50	44.4	20.89	50.4	24.28	56.3	27.54	59.4	29.12	62	30.38	65.4	32.09	67.4	32.57
80	10	49.6	6.28	60.3	7.79	71	9.42	76.3	10.29	80.9	11.1	90.1	12.91	99.2	14.91
	12	49.6	6.53	60.3	8.11	71	9.86	76.3	10.77	80.9	11.64	90.1	13.58	99.2	15.72
	14	49.6	6.8	60.3	8.5	71	10.34	76.3	11.32	80.9	12.26	90.1	14.32	99.2	16.65
	16	49.6	7.12	60.3	8.92	71	10.89	76.3	11.96	80.9	12.96	90.1	15.19	99.2	17.7
	18	49.6	7.48	60.3	9.4	71	11.53	76.3	12.67	80.9	13.75	90.1	16.14	99.2	18.86
	20	49.6	7.89	60.3	9.95	71	12.24	76.3	13.46	80.9	14.63	90.1	17.23	99.2	20.17
	21	49.6	8.12	60.3	10.25	71	12.62	76.3	13.9	80.9	15.11	90.1	17.81	99.2	20.88
	23	49.6	8.6	60.3	10.91	71	13.46	76.3	14.85	80.9	16.16	90.1	19.09	99.2	22.41
	25	49.6	9.17	60.3	11.64	71	14.41	76.3	15.9	80.9	17.33	90.1	20.49	99.2	24.1
	27	49.6	9.78	60.3	12.46	71	15.45	76.3	17.07	80.9	18.62	90.1	22.05	99.2	25.94
	29	49.6	10.47	60.3	13.37	71	16.61	76.3	18.36	80.9	20.04	90.1	23.76	99.2	27.98
	31	49.6	11.24	60.3	14.37	71	17.88	76.3	19.79	80.9	21.6	90.1	25.62	99.2	30.2
	33	49.6	12.09	60.3	15.48	71	19.28	76.3	21.33	80.9	23.3	90.1	27.66	99.2	32.6
	35	49.6	13.02	60.3	16.69	71	20.8	76.3	23.03	80.9	25.16	90.1	29.87	99.2	35.22
	37	49.6	14.04	60.3	18.02	71	22.47	76.3	24.88	80.9	27.17	90.1	32.26	99.2	38.03
	39	49.6	15.17	60.3	19.46	71	24.26	76.3	26.86	80.9	29.35	90.1	34.83	96.4	37.57
	43	49.6	17.68	60.3	22.69	70.7	27.43	74.6	29.5	76.9	31.48	81.5	33.72	84.9	35.63
	46	49.6	19.85	58	23.24	63.4	25.98	66.1	28.04	68.4	30.04	72.9	32.27	76.4	34.18
	48	47	19.44	52.3	22.27	57.6	25.01	60.3	27.07	62.7	29.07	67.2	31.3	70.7	33.21
	50	41.3	18.47	46.6	21.3	51.9	24.04	54.6	26.11	56.9	28.1	61.4	30.33	65	32.24

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM340AXVDGH1EU

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)	Indoor Temperature (°C, WB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	
70	10	43.4	5.3	52.8	6.62	62.1	8.01	66.8	8.77	70.8	9.48	78.8	11	86.9	12.73
	12	43.4	5.51	52.8	6.89	62.1	8.36	66.8	9.16	70.8	9.91	78.8	11.53	86.9	13.38
	14	43.4	5.74	52.8	7.19	62.1	8.75	66.8	9.6	70.8	10.4	78.8	12.14	86.9	14.11
	16	43.4	5.99	52.8	7.53	62.1	9.19	66.8	10.1	70.8	10.96	78.8	12.82	86.9	14.94
	18	43.4	6.29	52.8	7.92	62.1	9.69	66.8	10.67	70.8	11.58	78.8	13.6	86.9	15.88
	20	43.4	6.62	52.8	8.36	62.1	10.27	66.8	11.32	70.8	12.29	78.8	14.45	86.9	16.92
	21	43.4	6.81	52.8	8.61	62.1	10.58	66.8	11.66	70.8	12.68	78.8	14.93	86.9	17.49
	23	43.4	7.2	52.8	9.14	62.1	11.26	66.8	12.43	70.8	13.53	78.8	15.96	86.9	18.73
	25	43.4	7.66	52.8	9.73	62.1	12.03	66.8	13.29	70.8	14.48	78.8	17.1	86.9	20.1
	27	43.4	8.16	52.8	10.4	62.1	12.87	66.8	14.24	70.8	15.52	78.8	18.36	86.9	21.62
	29	43.4	8.72	52.8	11.13	62.1	13.81	66.8	15.29	70.8	16.68	78.8	19.76	86.9	23.28
	31	43.4	9.35	52.8	11.95	62.1	14.86	66.8	16.45	70.8	17.97	78.8	21.29	86.9	25.1
	33	43.4	10.04	52.8	12.86	62.1	16.01	66.8	17.73	70.8	19.36	78.8	22.97	86.9	27.09
	35	43.4	10.81	52.8	13.86	62.1	17.26	66.8	19.13	70.8	20.9	78.8	24.8	86.9	29.26
	37	43.4	11.65	52.8	14.95	62.1	18.64	66.8	20.66	70.8	22.57	78.8	26.79	86.9	31.6
	39	43.4	12.58	52.8	16.15	62.1	20.13	66.8	22.31	70.8	24.38	78.8	28.93	86.9	34.13
	43	43.4	14.68	52.8	18.84	62.1	23.47	66.8	26.01	70.5	27.56	75.9	31.02	79.9	34.84
	46	43.4	16.47	52.7	20.42	59	24.06	61.3	25.24	63.3	26.82	67.3	29.58	71.3	33.39
48	42.8	17.13	48.6	20.04	53.3	23.09	55.6	24.27	57.6	25.85	61.6	28.61	65.6	32.43	
50	38.1	16.17	42.9	19.07	47.6	22.12	49.9	23.3	51.9	24.88	55.9	27.64	59.9	31.46	
60	10	37.3	4.41	45.2	5.52	53.2	6.71	57.2	7.35	60.7	7.96	67.6	9.25	74.4	10.72
	12	37.3	4.57	45.2	5.73	53.2	6.98	57.2	7.65	60.7	8.29	67.6	9.66	74.4	11.21
	14	37.3	4.75	45.2	5.97	53.2	7.29	57.2	7.99	60.7	8.68	67.6	10.13	74.4	11.78
	16	37.3	4.96	45.2	6.25	53.2	7.64	57.2	8.39	60.7	9.11	67.6	10.67	74.4	12.43
	18	37.3	5.19	45.2	6.55	53.2	8.03	57.2	8.84	60.7	9.6	67.6	11.27	74.4	13.16
	20	37.3	5.46	45.2	6.9	53.2	8.49	57.2	9.35	60.7	10.17	67.6	11.95	74.4	13.98
	21	37.3	5.6	45.2	7.08	53.2	8.73	57.2	9.62	60.7	10.47	67.6	12.33	74.4	14.43
	23	37.3	5.92	45.2	7.51	53.2	9.27	57.2	10.22	60.7	11.14	67.6	13.13	74.4	15.41
	25	37.3	6.28	45.2	7.98	53.2	9.87	57.2	10.91	60.7	11.89	67.6	14.04	74.4	16.49
	27	37.3	6.68	45.2	8.52	53.2	10.55	57.2	11.66	60.7	12.73	67.6	15.05	74.4	17.69
	29	37.3	7.14	45.2	9.11	53.2	11.31	57.2	12.51	60.7	13.66	67.6	16.17	74.4	19.03
	31	37.3	7.64	45.2	9.77	53.2	12.15	57.2	13.44	60.7	14.69	67.6	17.4	74.4	20.5
	33	37.3	8.2	45.2	10.5	53.2	13.06	57.2	14.47	60.7	15.81	67.6	18.75	74.4	22.11
	35	37.3	8.82	45.2	11.3	53.2	14.08	57.2	15.6	60.7	17.05	67.6	20.23	74.4	23.86
	37	37.3	9.5	45.2	12.19	53.2	15.19	57.2	16.84	60.7	18.41	67.6	21.85	74.4	25.76
	39	37.3	10.25	45.2	13.16	53.2	16.41	57.2	18.18	60.7	19.88	67.6	23.59	74.4	27.83
	43	37.3	11.96	45.2	15.35	53.2	19.14	57.2	21.21	60.7	23.19	67.6	27.51	73.2	31.5
	46	37.3	13.43	45.2	17.22	53.1	20.75	56	23.03	58.2	23.75	61.6	26.76	65.2	30.05
48	37.3	14.49	44.1	17.93	48.8	20.37	50.8	22.06	52.5	22.79	55.9	25.79	59.4	29.08	
50	35.1	13.99	39.1	16.97	43.1	19.4	45.1	21.09	46.8	21.82	50.2	24.82	53.7	28.11	
50	10	31	3.58	37.7	4.48	44.3	5.48	47.7	6.01	50.6	6.5	56.3	7.59	62.1	8.81
	12	31	3.7	37.7	4.66	44.3	5.69	47.7	6.24	50.6	6.77	56.3	7.91	62.1	9.18
	14	31	3.84	37.7	4.84	44.3	5.92	47.7	6.51	50.6	7.06	56.3	8.26	62.1	9.61
	16	31	4	37.7	5.05	44.3	6.19	47.7	6.81	50.6	7.39	56.3	8.67	62.1	10.1
	18	31	4.18	37.7	5.28	44.3	6.49	47.7	7.15	50.6	7.77	56.3	9.13	62.1	10.65
	20	31	4.39	37.7	5.55	44.3	6.84	47.7	7.54	50.6	8.2	56.3	9.65	62.1	11.29
	21	31	4.5	37.7	5.7	44.3	7.03	47.7	7.75	50.6	8.43	56.3	9.93	62.1	11.63
	23	31	4.75	37.7	6.02	44.3	7.45	47.7	8.21	50.6	8.95	56.3	10.55	62.1	12.37
	25	31	5.03	37.7	6.39	44.3	7.91	47.7	8.74	50.6	9.52	56.3	11.25	62.1	13.22
	27	31	5.34	37.7	6.8	44.3	8.44	47.7	9.33	50.6	10.18	56.3	12.03	62.1	14.15
	29	31	5.69	37.7	7.27	44.3	9.03	47.7	9.99	50.6	10.89	56.3	12.9	62.1	15.18
	31	31	6.08	37.7	7.78	44.3	9.67	47.7	10.71	50.6	11.69	56.3	13.86	62.1	16.33
	33	31	6.53	37.7	8.35	44.3	10.4	47.7	11.51	50.6	12.58	56.3	14.92	62.1	17.59
	35	31	7.01	37.7	8.98	44.3	11.19	47.7	12.4	50.6	13.55	56.3	16.08	62.1	18.97
	37	31	7.55	37.7	9.68	44.3	12.07	47.7	13.38	50.6	14.62	56.3	17.35	62.1	20.48
	39	31	8.14	37.7	10.44	44.3	13.02	47.7	14.44	50.6	15.79	56.3	18.75	62.1	22.12
	43	31	9.49	37.7	12.17	44.3	15.19	47.7	16.85	50.6	18.41	56.3	21.86	62.1	25.8
	46	31	10.65	37.7	13.66	44.3	17.05	47.7	18.9	50.6	20.66	55.4	23.74	58.9	26.51
48	31	11.5	37.7	14.76	43.5	17.75	46	19.03	47.4	20.26	50.4	22.77	53.2	25.54	
50	30.6	11.88	35.3	14.26	38.7	16.79	40.4	18.06	41.7	19.29	44.6	21.8	47.4	24.58	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM340AXVDGH1EU

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)		Indoor Temperature (°C, DB)									
	DB	WB	16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	-25	-25.1	73.9	29.8	72	31.48	70	33.29	67.8	35.73	65.6	37.55
	-22	-22.2	85.4	32.53	83.5	34.2	81.6	36.03	79.4	38.46	77.1	40.28
	-20	-20.2	93.2	34.34	91.3	36.03	89.2	37.85	87.1	40.28	83.6	41.81
	-17	-17.3	104.7	37.08	102.8	38.76	100.9	40.58	96.3	42.44	89.6	43.06
	-15	-15.3	112.4	38.9	110.5	40.58	107	42.12	100.2	43.06	93.5	43.67
	-12	-12.4	123.3	41.63	118.8	42.75	112.8	43.36	105.9	43.97	99.3	44.58
	-10	-10.5	128.3	42.9	122.6	43.36	116.7	43.97	109.8	44.58	103.2	45.18
	-7	-7.6	134.1	43.81	128.4	44.27	122.4	44.88	115.5	45.48	108.9	46.09
	-5	-5.6	137.9	44.41	132.2	44.88	126.3	45.48	119.4	46.09	112.5	46.7
	-3	-3.7	141.8	45.02	136.1	45.48	130.1	46.09	122.9	46.7	114	46.86
	0	-0.7	147.6	45.93	141.9	46.39	134.4	46.86	124.9	46.86	115.7	46.86
	3	2.2	152.5	46.7	144.2	46.86	136.1	46.86	126.5	46.86	116.9	45.13
	5	4.1	153.4	46.86	145.3	46.86	137.2	46.86	127.6	46.51	116.9	41.95
	7	6	154.4	46.86	146.3	46.86	138.2	46.86	128.1	44.05	116.9	39.08
	9	7.9	155.5	46.86	147.4	46.86	139	45.76	128.1	41.15	116.9	36.58
11	9.8	156.6	46.86	148.5	46.47	139.2	43.03	128.1	38.57	116.9	34.36	
13	11.8	157.6	46.86	149	44.32	139.2	40.38	128.1	36.28	116.9	32.39	
15	13.7	158.4	45.49	149	41.66	139.2	38.04	128.1	34.25	116.9	30.65	
120	-25	-25.1	71.4	32.11	69.7	33.62	67.9	35.12	65.8	37.27	63.7	38.78
	-22	-22.2	83	34.83	81.2	36.36	79.4	37.85	77.3	40	74.7	41.51
	-20	-20.2	90.7	36.66	89	38.18	87.1	39.67	84.4	41.81	79.5	42.44
	-17	-17.3	102.3	39.39	100.5	40.9	97.3	42.12	91	43.06	85.2	43.36
	-15	-15.3	110	41.21	106.7	42.44	101.2	43.06	94.9	43.67	89.2	43.97
	-12	-12.4	117.7	43.06	112.4	43.36	107	43.97	100.7	44.58	94.9	44.88
	-10	-10.5	121.5	43.67	116.3	43.97	110.8	44.58	104.5	45.18	98.8	45.48
	-7	-7.6	127.3	44.58	122.1	44.88	116.7	45.48	110.4	46.09	104.5	46.39
	-5	-5.6	131.1	45.18	126	45.48	120.5	46.09	114.1	46.7	106.1	46.86
	-3	-3.7	135	45.79	129.8	46.09	124	46.7	115.9	46.86	107.2	46.86
	0	-0.7	140.5	46.7	133.5	46.86	126.1	46.86	117.4	46.86	108	42.92
	3	2.2	142.8	46.86	135.2	46.86	127.8	46.86	118.2	43.34	108	38.35
	5	4.1	143.8	46.86	136.2	46.86	128.5	45.17	118.2	40.28	108	35.69
	7	6	144.9	46.86	137.3	45.97	128.5	42.02	118.2	37.53	108	33.31
	9	7.9	146	46.57	137.5	43.24	128.5	39.26	118.2	35.13	108	31.24
11	9.8	146.6	44.37	137.5	40.45	128.5	36.79	118.2	33	108	29.4	
13	11.8	146.6	41.59	137.5	37.99	128.5	34.61	118.2	31.1	108	27.77	
15	13.7	146.6	39.13	137.5	35.79	128.5	32.67	118.2	29.44	108	26.33	
110	-25	-25.1	69	34.2	67.3	35.45	65.7	36.94	63.9	38.46	59.5	39.65
	-22	-22.2	80.5	36.94	79	38.18	77.3	39.67	75.1	41.18	70.1	42.1
	-20	-20.2	88.3	38.76	86.7	40	84.5	41.49	80.3	42.44	74.9	43.04
	-17	-17.3	99.7	41.49	96.6	42.44	91.3	43.06	86.1	43.36	80.6	43.95
	-15	-15.3	105	42.75	100.4	43.06	95.1	43.67	89.9	43.97	84.5	44.56
	-12	-12.4	110.9	43.67	106.2	43.97	100.9	44.58	95.8	44.88	90.2	45.46
	-10	-10.5	114.7	44.27	110	44.58	104.8	45.18	99.6	45.48	94.1	46.07
	-7	-7.6	120.5	45.18	115.8	45.48	110.6	46.09	105.4	46.39	98.5	46.84
	-5	-5.6	124.3	45.79	119.6	46.09	114.2	46.7	107	46.86	99	44.15
	-3	-3.7	128.2	46.39	122.9	46.7	115.9	46.86	108.1	45.97	99	40.79
	0	-0.7	131.4	46.86	124.5	46.86	117.6	45.97	108.4	41.18	99	36.35
	3	2.2	132.9	46.86	125.8	45.62	117.8	41.31	108.4	36.8	99	32.54
	5	4.1	134	46.15	126	42.39	117.8	38.39	108.4	34.24	99	30.32
	7	6	134.3	43.38	126	39.45	117.8	35.77	108.4	31.95	99	28.34
	9	7.9	134.3	40.49	126	36.86	117.8	33.48	108.4	29.95	99	26.62
11	9.8	134.3	37.91	126	34.57	117.8	31.45	108.4	28.18	99	25.1	
13	11.8	134.3	35.62	126	32.52	117.8	29.65	108.4	26.63	99	23.76	
15	13.7	134.3	33.59	126	30.72	117.8	28.05	108.4	25.24	99	22.58	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM340AXVDGH1EU

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)		Indoor Temperature (°C, DB)									
	DB	WB	16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	-25	-25.1	66.5	36.03	65	37.27	63.5	39.53	59.3	38.25	55	36.95
	-22	-22.2	78.1	38.76	76.7	40	74.6	41.9	70.1	40.98	65.6	39.4
	-20	-20.2	85.8	40.58	83.6	41.81	79.7	42.75	74.8	41.92	69.6	40.33
	-17	-17.3	94.5	42.75	90.2	43.06	85.5	43.67	80.6	42.83	75.4	41.24
	-15	-15.3	98.3	43.36	94.1	43.67	89.3	44.27	84.4	43.44	79.2	41.86
	-12	-12.4	104.1	44.27	99.8	44.58	95.2	45.18	90.3	44.35	85	42.77
	-10	-10.5	107.9	44.88	103.7	45.18	99	45.79	94.1	44.95	88.9	43.37
	-7	-7.6	113.7	45.79	109.5	46.09	104.8	46.7	98.3	45.72	89.9	40.28
	-5	-5.6	117.5	46.39	112.7	46.7	106.6	46.66	98.6	42.24	89.9	37.2
	-3	-3.7	120	46.86	113.8	46.86	107.1	43.92	98.6	39.02	89.9	34.39
	0	-0.7	121.6	46.73	114.6	43.27	107.1	39.08	98.6	34.77	89.9	30.69
	3	2.2	122.1	42.55	114.6	38.63	107.1	34.94	98.6	31.13	89.9	27.53
	5	4.1	122.1	39.53	114.6	35.91	107.1	32.52	98.6	29.01	89.9	25.69
	7	6	122.1	36.81	114.6	33.48	107.1	30.35	98.6	27.11	89.9	24.05
	9	7.9	122.1	34.44	114.6	31.36	107.1	28.47	98.6	25.47	89.9	22.63
11	9.8	122.1	32.32	114.6	29.47	107.1	26.79	98.6	24.01	89.9	21.38	
13	11.8	122.1	30.44	114.6	27.81	107.1	25.31	98.6	22.73	89.9	20.28	
15	13.7	122.1	28.79	114.6	26.33	107.1	24.02	98.6	21.59	89.9	19.31	
90	-25	-25.1	64.1	38.18	61.6	38.34	58.2	37.44	54.4	36.84	50.5	33.83
	-22	-22.2	75.7	40.9	72.7	41.07	69.1	40.16	64.9	39.29	59.7	36.27
	-20	-20.2	81.3	42.44	77.9	42.33	73.7	41.11	68.8	40.22	63.6	36.88
	-17	-17.3	87.1	43.36	83.7	43.25	79.4	42.02	74.5	41.13	69.4	37.79
	-15	-15.3	90.9	43.97	87.5	43.85	83.3	42.62	78.4	41.73	73.3	38.39
	-12	-12.4	96.7	44.88	93.3	44.76	89	43.53	84.1	42.65	79.1	39.3
	-10	-10.5	100.6	45.48	97.1	45.37	92.9	44.14	87.9	43.26	81	39.03
	-7	-7.6	106.4	46.39	102.3	46.28	96.4	44.26	88.7	39.29	81	34.59
	-5	-5.6	108.6	46.86	103.1	45.28	96.4	40.84	88.7	36.29	81	31.96
	-3	-3.7	109.7	45.93	103.1	41.82	96.4	37.75	88.7	33.55	81	29.58
	0	-0.7	109.9	41.1	103.1	37.24	96.4	33.64	88.7	29.94	81	26.44
	3	2.2	109.9	36.71	103.1	33.3	96.4	30.13	88.7	26.85	81	23.75
	5	4.1	109.9	34.15	103.1	31.02	96.4	28.09	88.7	25.06	81	22.2
	7	6	109.9	31.86	103.1	28.97	96.4	26.26	88.7	23.46	81	20.82
	9	7.9	109.9	29.86	103.1	27.19	96.4	24.68	88.7	22.08	81	19.63
11	9.8	109.9	28.09	103.1	25.61	96.4	23.28	88.7	20.85	81	18.58	
13	11.8	109.9	26.52	103.1	24.22	96.4	22.04	88.7	19.78	81	17.66	
15	13.7	109.9	25.14	103.1	22.99	96.4	20.96	88.7	18.83	81	16.85	
80	-25	-25.1	58.8	38.35	55.9	36.98	52.9	35.2	49.5	32.61	46	31.02
	-22	-22.2	69.6	41.08	66.6	39.71	62.9	37.65	58.3	34.78	53.8	32.86
	-20	-20.2	74.2	42.02	70.7	40.65	66.7	38.26	62.2	35.4	57.6	33.47
	-17	-17.3	80	42.93	76.5	41.56	72.6	39.17	68	36.31	63.4	34.39
	-15	-15.3	83.9	43.54	80.4	42.16	76.4	39.78	71.8	36.91	67.2	35
	-12	-12.4	89.7	44.44	86.2	43.07	82.2	40.69	77.6	37.82	72	35.9
	-10	-10.5	93.5	45.05	90	43.68	85.4	41.3	78.8	37.57	72	33.1
	-7	-7.6	97.4	45.82	91.6	41.61	85.7	37.53	78.8	33.3	72	29.35
	-5	-5.6	97.7	42.43	91.6	38.41	85.7	34.67	78.8	30.77	72	27.14
	-3	-3.7	97.7	39.21	91.6	35.52	85.7	32.06	78.8	28.49	72	25.14
	0	-0.7	97.7	34.94	91.6	31.68	85.7	28.63	78.8	25.46	72	22.5
	3	2.2	97.7	31.29	91.6	28.4	85.7	25.7	78.8	22.9	72	20.26
	5	4.1	97.7	29.16	91.6	26.5	85.7	23.99	78.8	21.41	72	18.97
	7	6	97.7	27.26	91.6	24.8	85.7	22.48	78.8	20.08	72	17.81
	9	7.9	97.7	25.61	91.6	23.33	85.7	21.17	78.8	18.94	72	16.82
11	9.8	97.7	24.16	91.6	22.03	85.7	20.01	78.8	17.93	72	15.95	
13	11.8	97.7	22.87	91.6	20.88	85.7	19	78.8	17.05	72	15.19	
15	13.7	97.7	21.74	91.6	19.88	85.7	18.11	78.8	16.28	72	14.52	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM340AXVDGH1EU

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)		Indoor Temperature (°C, DB)									
	DB	WB	16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	-25	-25.1	52.7	36.16	50.1	34.01	47.5	32.49	44.5	29.94	41.1	27.99
	-22	-22.2	62.7	38.61	59.3	36.47	55.7	34.33	51.7	31.78	47.8	29.23
	-20	-20.2	66.7	39.22	63.1	37.07	59.6	34.94	55.6	32.39	51.6	29.83
	-17	-17.3	72.4	40.14	68.9	37.98	65.5	35.85	61.5	33.3	57.5	30.75
	-15	-15.3	76.3	40.74	72.7	38.59	69.3	36.45	65.3	33.91	61.3	31.36
	-12	-12.4	82	41.65	78.6	39.5	74.7	37.36	69	34.03	62.9	29.98
	-10	-10.5	85.3	42.26	80.3	39.21	75	35.35	69	31.37	62.9	27.65
	-7	-7.6	85.5	38.4	80.3	34.75	75	31.34	69	27.83	62.9	24.54
	-5	-5.6	85.5	35.46	80.3	32.11	75	28.97	69	25.74	62.9	22.71
	-3	-3.7	85.5	32.8	80.3	29.72	75	26.83	69	23.85	62.9	21.06
	0	-0.7	85.5	29.29	80.3	26.56	75	24	69	21.36	62.9	18.88
	3	2.2	85.5	26.3	80.3	23.87	75	21.6	69	19.25	62.9	17.03
	5	4.1	85.5	24.55	80.3	22.3	75	20.21	69	18.03	62.9	15.98
	7	6	85.5	23	80.3	20.92	75	18.97	69	16.95	62.9	15.03
	9	7.9	85.5	21.66	80.3	19.72	75	17.9	69	16.02	62.9	14.22
11	9.8	85.5	20.48	80.3	18.67	75	16.97	69	15.21	62.9	13.51	
13	11.8	85.5	19.43	80.3	17.74	75	16.14	69	14.48	62.9	12.89	
15	13.7	85.5	18.53	80.3	16.93	75	15.42	69	13.86	62.9	12.35	
60	-25	-25.1	46.7	32.55	44.4	30.7	41.8	29.16	38.8	27.28	35.9	25.02
	-22	-22.2	54.6	34.4	51.7	32.54	48.6	30.73	45.2	28.52	41.8	26.27
	-20	-20.2	58.5	35	55.5	33.15	52.5	31.33	49.1	29.12	45.7	26.88
	-17	-17.3	64.2	35.91	61.3	34.06	58.3	32.24	54.8	30.03	51.4	27.78
	-15	-15.3	68.1	36.52	65.1	34.66	62.2	32.85	58.6	30.64	54	27.72
	-12	-12.4	73.3	37.43	68.8	34.77	64.2	31.38	59.1	27.86	54	24.52
	-10	-10.5	73.3	35.42	68.8	32.05	64.2	28.94	59.1	25.7	54	22.63
	-7	-7.6	73.3	31.41	68.8	28.44	64.2	25.68	59.1	22.82	54	20.11
	-5	-5.6	73.3	29.04	68.8	26.31	64.2	23.77	59.1	21.12	54	18.63
	-3	-3.7	73.3	26.89	68.8	24.38	64.2	22.02	59.1	19.6	54	17.29
	0	-0.7	73.3	24.07	68.8	21.84	64.2	19.74	59.1	17.59	54	15.54
	3	2.2	73.3	21.66	68.8	19.67	64.2	17.81	59.1	15.88	54	14.05
	5	4.1	73.3	20.27	68.8	18.42	64.2	16.69	59.1	14.9	54	13.19
	7	6	73.3	19.04	68.8	17.32	64.2	15.7	59.1	14.03	54	12.44
	9	7.9	73.3	17.98	68.8	16.37	64.2	14.85	59.1	13.28	54	11.8
11	9.8	73.3	17.04	68.8	15.54	64.2	14.11	59.1	12.64	54	11.23	
13	11.8	73.3	16.23	68.8	14.8	64.2	13.45	59.1	12.07	54	10.74	
15	13.7	73.3	15.51	68.8	14.16	64.2	12.88	59.1	11.56	54	10.3	
50	-25	-25.1	39.9	29.44	37.8	27.03	35.6	25.51	32.9	23.34	30	20.83
	-22	-22.2	46.5	30.67	44	28.26	41.5	26.75	38.7	24.25	35.8	21.75
	-20	-20.2	50.3	31.28	47.8	28.88	45.4	27.35	42.5	24.85	39.7	22.36
	-17	-17.3	56.2	32.19	53.7	29.79	51.2	28.26	48.3	25.76	45	23.27
	-15	-15.3	60	32.8	57.1	30.39	53.6	28.19	49.3	25.02	45	22.06
	-12	-12.4	61	30.5	57.3	27.64	53.6	24.94	49.3	22.15	45	19.54
	-10	-10.5	61	28.14	57.3	25.5	53.6	23.02	49.3	20.44	45	18.04
	-7	-7.6	61	24.98	57.3	22.64	53.6	20.45	49.3	18.18	45	16.05
	-5	-5.6	61	23.12	57.3	20.97	53.6	18.95	49.3	16.84	45	14.88
	-3	-3.7	61	21.45	57.3	19.46	53.6	17.59	49.3	15.64	45	13.83
	0	-0.7	61	19.24	57.3	17.46	53.6	15.8	49.3	14.07	45	12.45
	3	2.2	61	17.37	57.3	15.78	53.6	14.29	49.3	12.74	45	11.29
	5	4.1	61	16.29	57.3	14.81	53.6	13.42	49.3	11.98	45	10.62
	7	6	61	15.33	57.3	13.95	53.6	12.65	49.3	11.3	45	10.03
	9	7.9	61	14.51	57.3	13.22	53.6	11.99	49.3	10.73	45	9.53
11	9.8	61	13.79	57.3	12.58	53.6	11.42	49.3	10.22	45	9.1	
13	11.8	61	13.17	57.3	12.01	53.6	10.92	49.3	9.79	45	8.71	
15	13.7	61	12.62	57.3	11.52	53.6	10.48	49.3	9.4	45	8.38	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM360AXVDGH1EU

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)	Indoor Temperature (°C, WB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	10	85.2	13.1	103.6	16.16	121.8	19.5	131	21.34	139	23.12	154.6	27.06	170.4	31.66
	12	85.2	13.76	103.6	17.06	121.8	20.7	131	22.7	139	24.64	154.6	28.94	170.4	33.98
	14	85.2	14.5	103.6	18.08	121.8	22.04	131	24.24	139	26.36	154.6	31.06	170.4	36.54
	16	85.2	15.36	103.6	19.22	121.8	23.56	131	25.96	139	28.26	154.6	33.38	170.4	39.36
	18	85.2	16.3	103.6	20.52	121.8	25.24	131	27.84	139	30.36	154.6	35.94	170.4	42.44
	20	85.2	17.36	103.6	21.96	121.8	27.1	131	29.94	139	32.68	154.6	38.74	168.4	43.88
	21	85.2	17.96	103.6	22.74	121.8	28.1	131	31.08	139	33.92	154.6	40.26	167.4	44.6
	23	85.2	19.22	103.6	24.42	121.8	30.26	131	33.48	139	36.58	154.2	42.54	161.6	43.52
	25	85.2	20.6	103.6	26.26	121.8	32.62	131	36.14	139	39.48	152.2	43.98	155.6	42.44
	27	85.2	22.16	103.6	28.3	121.8	35.2	131	39	139	42.64	146.4	42.9	149.6	41.38
	29	85.2	23.86	103.6	30.54	121.8	38	131	42.12	137	44.08	140.4	41.82	143.6	40.3
	31	85.2	25.72	103.6	32.96	121.8	41.06	129.6	43.56	131.2	43	134.4	40.74	137.4	39.22
	33	85.2	27.76	103.6	35.6	121	43.38	123.6	42.48	125.2	41.92	128.2	39.66	131.4	38.14
	35	85.2	29.98	103.6	38.44	115.6	42.3	117.6	41.4	119	40.84	122.2	38.58	125.4	37.06
	37	85.2	32.38	103.6	41.5	109.6	41.24	111.4	40.32	113	39.76	116.2	37.52	119.4	35.98
	39	85.2	34.96	100	40.44	103.6	40.16	105.4	39.26	107	38.68	110.2	36.44	113.2	34.9
	43	79.4	36.68	87.8	38.28	91.4	38	93.4	37.1	95	36.54	98	34.28	101.2	32.76
	46	70.4	35.06	78.8	36.66	82.4	36.38	84.2	35.48	85.8	34.92	89	32.66	92.2	31.14
	48	64.4	33.98	72.8	35.58	76.4	35.3	78.2	34.4	79.8	33.84	83	31.58	86	30.06
	50	58.4	32.9	66.6	34.5	70.4	34.24	72.2	33.32	73.8	32.76	76.8	30.52	80	28.98
120	10	78.6	11.74	95.6	14.48	112.6	17.48	121	19.1	128.2	20.66	142.8	24.12	157.2	28.14
	12	78.6	12.32	95.6	15.26	112.6	18.52	121	20.28	128.2	21.98	142.8	25.74	157.2	30.12
	14	78.6	12.96	95.6	16.14	112.6	19.66	121	21.58	128.2	23.44	142.8	27.56	157.2	32.32
	16	78.6	13.68	95.6	17.12	112.6	20.96	121	23.06	128.2	25.08	142.8	29.56	157.2	34.76
	18	78.6	14.5	95.6	18.24	112.6	22.42	121	24.7	128.2	26.9	142.8	31.78	157.2	37.44
	20	78.6	15.42	95.6	19.48	112.6	24.02	121	26.52	128.2	28.92	142.8	34.22	157.2	40.38
	21	78.6	15.94	95.6	20.16	112.6	24.9	121	27.5	128.2	30	142.8	35.54	157.2	41.94
	23	78.6	17.02	95.6	21.62	112.6	26.78	121	29.6	128.2	32.32	142.8	38.32	156.2	43.38
	25	78.6	18.24	95.6	23.24	112.6	28.84	121	31.9	128.2	34.86	142.8	41.38	153	43.56
	27	78.6	19.6	95.6	25.02	112.6	31.1	121	34.42	128.2	37.64	141.8	43.72	147	42.48
	29	78.6	21.08	95.6	26.98	112.6	33.56	121	37.16	128.2	40.64	138	43.9	141	41.4
	31	78.6	22.72	95.6	29.1	112.6	36.24	121	40.14	127.6	42.96	132	42.82	134.8	40.32
	33	78.6	24.5	95.6	31.42	112.6	39.14	120.4	42.44	123	41.88	126	41.74	128.8	39.24
	35	78.6	26.46	95.6	33.94	112.4	41.4	115.6	41.36	117	40.8	119.8	40.66	122.8	38.16
	37	78.6	28.58	95.6	36.66	107.8	40.32	109.4	40.28	111	39.72	113.8	39.6	116.8	37.1
	39	78.6	30.86	95.6	39.58	101.8	39.24	103.4	39.2	104.8	38.64	107.8	38.52	110.6	36.02
	43	76.2	34.08	84.6	37.42	89.6	37.1	91.4	37.06	92.8	36.5	95.6	36.36	98.6	33.86
	46	67.2	32.48	75.6	35.8	80.6	35.48	82.2	35.44	83.6	34.88	86.6	34.74	89.4	32.24
	48	61	31.4	69.6	34.72	74.6	34.4	76.2	34.36	77.6	33.8	80.6	33.66	83.4	31.16
	50	55	30.32	63.4	33.64	68.4	33.32	70.2	33.28	71.6	32.72	74.6	32.6	77.4	30.1
110	10	72	10.5	87.6	12.96	103.2	15.62	110.8	17.06	117.6	18.44	130.8	21.46	144.2	24.96
	12	72	10.98	87.6	13.62	103.2	16.5	110.8	18.06	117.6	19.54	130.8	22.84	144.2	26.66
	14	72	11.52	87.6	14.36	103.2	17.48	110.8	19.18	117.6	20.8	130.8	24.38	144.2	28.54
	16	72	12.16	87.6	15.22	103.2	18.6	110.8	20.44	117.6	22.2	130.8	26.1	144.2	30.62
	18	72	12.86	87.6	16.16	103.2	19.84	110.8	21.84	117.6	23.76	130.8	28	144.2	32.92
	20	72	13.66	87.6	17.24	103.2	21.22	110.8	23.4	117.6	25.5	130.8	30.12	144.2	35.46
	21	72	14.08	87.6	17.82	103.2	21.98	110.8	24.24	117.6	26.42	130.8	31.26	144.2	36.82
	23	72	15.04	87.6	19.08	103.2	23.6	110.8	26.06	117.6	28.44	130.8	33.68	144.2	39.72
	25	72	16.1	87.6	20.48	103.2	25.38	110.8	28.08	117.6	30.64	130.8	36.34	144.2	42.88
	27	72	17.26	87.6	22.02	103.2	27.34	110.8	30.26	117.6	33.06	130.8	39.22	142.8	44.32
	29	72	18.56	87.6	23.72	103.2	29.5	110.8	32.66	117.6	35.68	130.8	42.36	138.2	43.24
	31	72	19.98	87.6	25.58	103.2	31.84	110.8	35.28	117.6	38.54	129.4	43.8	132.2	42.16
	33	72	21.56	87.6	27.62	103.2	34.38	110.8	38.1	117.6	41.64	123.6	42.72	126.2	41.08
	35	72	23.26	87.6	29.82	103.2	37.14	110.8	41.14	114.8	41.82	117.4	41.64	120.2	40.02
	37	72	25.12	87.6	32.22	103.2	40.1	107.4	41.32	108.8	40.74	111.4	40.56	114	38.94
	39	72	27.14	87.6	34.78	99.8	40.28	101.4	40.24	102.8	39.66	105.4	39.5	108	37.86
	43	72	31.64	80.6	34.52	87.8	38.12	89.2	38.08	90.6	37.5	93.2	37.34	96	35.7
	46	63.8	30.02	71.6	32.92	78.6	36.52	80.2	36.48	81.6	35.88	84.2	35.72	86.8	34.08
	48	57.8	28.94	65.6	31.84	72.6	35.44	74.2	35.4	75.6	34.82	78.2	34.64	80.8	33.02
	50	51.8	27.86	59.6	30.76	66.6	34.36	68.2	34.32	69.4	33.74	72.2	33.56	74.8	31.94

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM360AXVDGH1EU

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)	Indoor Temperature (°C, WB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	10	65.6	9.32	79.6	11.52	93.8	13.9	100.8	15.16	106.8	16.4	119	19.06	131	22.08
	12	65.6	9.72	79.6	12.08	93.8	14.62	100.8	16	106.8	17.32	119	20.2	131	23.5
	14	65.6	10.2	79.6	12.7	93.8	15.46	100.8	16.94	106.8	18.38	119	21.5	131	25.1
	16	65.6	10.72	79.6	13.42	93.8	16.4	100.8	18	106.8	19.56	119	22.96	131	26.86
	18	65.6	11.32	79.6	14.24	93.8	17.46	100.8	19.2	106.8	20.88	119	24.58	131	28.82
	20	65.6	12.02	79.6	15.14	93.8	18.64	100.8	20.54	106.8	22.36	119	26.38	131	31
	21	65.6	12.38	79.6	15.64	93.8	19.28	100.8	21.26	106.8	23.16	119	27.36	131	32.16
	23	65.6	13.2	79.6	16.72	93.8	20.68	100.8	22.82	106.8	24.9	119	29.44	131	34.66
	25	65.6	14.1	79.6	17.94	93.8	22.22	100.8	24.54	106.8	26.78	119	31.74	131	37.4
	27	65.6	15.12	79.6	19.26	93.8	23.9	100.8	26.44	106.8	28.88	119	34.24	131	40.38
	29	65.6	16.22	79.6	20.74	93.8	25.78	100.8	28.52	106.8	31.16	119	36.96	131	43.6
	31	65.6	17.46	79.6	22.34	93.8	27.8	100.8	30.78	106.8	33.64	119	39.92	129.6	45.04
	33	65.6	18.82	79.6	24.1	93.8	30.02	100.8	33.24	106.8	36.32	119	42.2	123.6	43.96
	35	65.6	20.3	79.6	26.02	93.8	32.42	100.8	35.9	106.8	39.24	115.2	42.38	117.6	42.88
	37	65.6	21.92	79.6	28.1	93.8	35.02	100.8	38.76	106.4	41.5	109	41.3	111.4	41.8
	39	65.6	23.68	79.6	30.36	93.8	37.8	99.4	40.16	100.6	40.42	103	40.22	105.4	40.72
	43	65.6	27.6	76.8	33.52	83.8	35.66	87.2	38	88.4	38.26	91	38.08	93.4	38.58
46	60.6	27.6	67.6	31.9	74.6	34.04	78.2	36.4	79.4	36.64	81.8	36.46	84.2	36.96	
48	54.6	26.54	61.6	30.82	68.6	32.96	72.2	35.32	73.4	35.58	75.8	35.38	78.2	35.88	
50	48.4	25.46	55.6	29.74	62.6	31.88	66.2	34.24	67.4	34.5	69.8	34.3	72.2	34.8	
90	10	59	8.06	71.6	9.98	84.4	12.06	90.8	13.16	96.2	14.2	107	16.5	118	19.1
	12	59	8.4	71.6	10.44	84.4	12.66	90.8	13.84	96.2	14.98	107	17.44	118	20.24
	14	59	8.78	71.6	10.96	84.4	13.34	90.8	14.6	96.2	15.84	107	18.5	118	21.54
	16	59	9.22	71.6	11.56	84.4	14.1	90.8	15.48	96.2	16.8	107	19.7	118	23
	18	59	9.72	71.6	12.24	84.4	14.98	90.8	16.46	96.2	17.9	107	21.04	118	24.62
	20	59	10.28	71.6	12.98	84.4	15.96	90.8	17.58	96.2	19.12	107	22.52	118	26.42
	21	59	10.6	71.6	13.4	84.4	16.48	90.8	18.18	96.2	19.78	107	23.34	118	27.4
	23	59	11.26	71.6	14.3	84.4	17.64	90.8	19.46	96.2	21.22	107	25.06	118	29.48
	25	59	12.02	71.6	15.3	84.4	18.92	90.8	20.9	96.2	22.8	107	26.98	118	31.78
	27	59	12.86	71.6	16.4	84.4	20.34	90.8	22.5	96.2	24.54	107	29.08	118	34.28
	29	59	13.8	71.6	17.64	84.4	21.9	90.8	24.24	96.2	26.46	107	31.38	118	37
	31	59	14.84	71.6	19	84.4	23.62	90.8	26.14	96.2	28.56	107	33.88	118	39.96
	33	59	15.98	71.6	20.48	84.4	25.48	90.8	28.22	96.2	30.84	107	36.58	118	43.16
	35	59	17.22	71.6	22.1	84.4	27.52	90.8	30.48	96.2	33.3	107	39.52	115	43.34
	37	59	18.58	71.6	23.86	84.4	29.72	90.8	32.92	96.2	35.96	106.4	41.78	108.8	42.28
	39	59	20.08	71.6	25.78	84.4	32.1	90.8	35.54	96.2	38.82	100.6	40.7	102.8	41.2
	43	59	23.42	71.6	30.06	79	33.58	82.2	35.32	85	36.68	88.6	38.56	90.8	39.04
46	57.2	24.74	63.6	28.44	70	31.96	73.2	33.7	75.8	35.06	79.4	36.94	81.6	37.42	
48	51.2	23.66	57.6	27.36	64	30.88	67.2	32.62	69.8	33.98	73.4	35.86	75.6	36.34	
50	45.2	22.58	51.6	26.28	57.8	29.82	61	31.54	63.8	32.9	67.4	34.78	69.6	35.28	
80	10	52.4	6.92	63.8	8.58	75	10.38	80.6	11.34	85.4	12.22	95.2	14.22	104.8	16.44
	12	52.4	7.2	63.8	8.94	75	10.88	80.6	11.88	85.4	12.84	95.2	14.98	104.8	17.36
	14	52.4	7.5	63.8	9.38	75	11.42	80.6	12.5	85.4	13.54	95.2	15.82	104.8	18.42
	16	52.4	7.86	63.8	9.86	75	12.04	80.6	13.22	85.4	14.34	95.2	16.8	104.8	19.6
	18	52.4	8.28	63.8	10.4	75	12.76	80.6	14.02	85.4	15.22	95.2	17.88	104.8	20.9
	20	52.4	8.74	63.8	11.02	75	13.56	80.6	14.92	85.4	16.22	95.2	19.1	104.8	22.38
	21	52.4	9	63.8	11.36	75	14	80.6	15.42	85.4	16.76	95.2	19.76	104.8	23.18
	23	52.4	9.54	63.8	12.1	75	14.94	80.6	16.48	85.4	17.94	95.2	21.2	104.8	24.9
	25	52.4	10.18	63.8	12.92	75	16	80.6	17.66	85.4	19.26	95.2	22.78	104.8	26.8
	27	52.4	10.86	63.8	13.84	75	17.18	80.6	18.98	85.4	20.7	95.2	24.52	104.8	28.86
	29	52.4	11.64	63.8	14.86	75	18.48	80.6	20.42	85.4	22.3	95.2	26.44	104.8	31.14
	31	52.4	12.5	63.8	15.98	75	19.9	80.6	22.02	85.4	24.04	95.2	28.52	104.8	33.62
	33	52.4	13.46	63.8	17.22	75	21.46	80.6	23.74	85.4	25.94	95.2	30.8	104.8	36.3
	35	52.4	14.5	63.8	18.58	75	23.16	80.6	25.64	85.4	28.02	95.2	33.26	104.8	39.22
	37	52.4	15.64	63.8	20.06	75	25.02	80.6	27.7	85.4	30.26	95.2	35.92	104.8	42.34
	39	52.4	16.9	63.8	21.66	75	27.02	80.6	29.9	85.4	32.68	95.2	38.78	100.2	41.28
	43	52.4	19.7	63.8	25.26	74.4	29.78	77.2	31.22	79.6	34.2	84.4	36.62	88	39.12
46	52.4	22.12	59.6	25.18	65.4	28.16	68.2	29.6	70.6	32.6	75.4	35.02	79	37.5	
48	48	21.04	53.6	24.1	59.2	27.08	62	28.52	64.6	31.52	69.4	33.94	73	36.42	
50	42	19.96	47.6	23.02	53.2	26	56	27.44	58.4	30.44	63.2	32.86	67	35.34	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM360AXVDGH1EU

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)	Indoor Temperature (°C, WB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	
70	10	45.8	5.84	55.8	7.3	65.6	8.82	70.6	9.66	74.8	10.44	83.2	12.12	91.8	14.02
	12	45.8	6.08	55.8	7.6	65.6	9.22	70.6	10.1	74.8	10.92	83.2	12.72	91.8	14.76
	14	45.8	6.34	55.8	7.94	65.6	9.66	70.6	10.6	74.8	11.48	83.2	13.42	91.8	15.58
	16	45.8	6.62	55.8	8.32	65.6	10.16	70.6	11.16	74.8	12.12	83.2	14.18	91.8	16.52
	18	45.8	6.96	55.8	8.76	65.6	10.72	70.6	11.8	74.8	12.82	83.2	15.06	91.8	17.58
	20	45.8	7.32	55.8	9.26	65.6	11.38	70.6	12.54	74.8	13.62	83.2	16.02	91.8	18.76
	21	45.8	7.54	55.8	9.54	65.6	11.72	70.6	12.92	74.8	14.06	83.2	16.56	91.8	19.4
	23	45.8	7.98	55.8	10.14	65.6	12.5	70.6	13.8	74.8	15.02	83.2	17.72	91.8	20.8
	25	45.8	8.5	55.8	10.8	65.6	13.36	70.6	14.76	74.8	16.08	83.2	19	91.8	22.34
	27	45.8	9.06	55.8	11.56	65.6	14.3	70.6	15.82	74.8	17.26	83.2	20.42	91.8	24.04
	29	45.8	9.7	55.8	12.38	65.6	15.36	70.6	17	74.8	18.56	83.2	21.98	91.8	25.9
	31	45.8	10.4	55.8	13.3	65.6	16.54	70.6	18.3	74.8	20	83.2	23.7	91.8	27.94
	33	45.8	11.18	55.8	14.32	65.6	17.82	70.6	19.74	74.8	21.56	83.2	25.58	91.8	30.16
	35	45.8	12.04	55.8	15.44	65.6	19.22	70.6	21.3	74.8	23.28	83.2	27.62	91.8	32.58
	37	45.8	12.98	55.8	16.66	65.6	20.76	70.6	23	74.8	25.14	83.2	29.84	91.8	35.18
	39	45.8	14.02	55.8	18	65.6	22.42	70.6	24.84	74.8	27.16	83.2	32.22	91.8	38
	43	45.8	16.36	55.8	21	65.6	26.14	70.6	28.96	74.2	29.94	78.6	33.7	82.8	37.86
	46	45.8	18.36	55.6	22.12	60.6	26.08	63	27.36	65.2	28.32	69.4	32.1	73.6	36.24
	48	44.6	18.52	49.6	21.06	54.6	25	57	26.28	59.2	27.24	63.4	31.02	67.6	35.18
	50	38.6	17.46	43.6	19.98	48.6	23.92	51	25.2	53.2	26.16	57.4	29.94	61.6	34.1
60	10	39.4	4.86	47.8	6.08	56.2	7.4	60.4	8.1	64.2	8.76	71.4	10.18	78.6	11.8
	12	39.4	5.04	47.8	6.32	56.2	7.7	60.4	8.44	64.2	9.14	71.4	10.64	78.6	12.36
	14	39.4	5.24	47.8	6.58	56.2	8.04	60.4	8.82	64.2	9.58	71.4	11.18	78.6	13
	16	39.4	5.48	47.8	6.9	56.2	8.44	60.4	9.28	64.2	10.06	71.4	11.78	78.6	13.74
	18	39.4	5.74	47.8	7.24	56.2	8.88	60.4	9.78	64.2	10.62	71.4	12.46	78.6	14.56
	20	39.4	6.04	47.8	7.64	56.2	9.4	60.4	10.36	64.2	11.26	71.4	13.24	78.6	15.48
	21	39.4	6.2	47.8	7.84	56.2	9.68	60.4	10.66	64.2	11.6	71.4	13.66	78.6	16
	23	39.4	6.56	47.8	8.32	56.2	10.28	60.4	11.34	64.2	12.36	71.4	14.56	78.6	17.1
	25	39.4	6.96	47.8	8.86	56.2	10.96	60.4	12.12	64.2	13.2	71.4	15.58	78.6	18.32
	27	39.4	7.42	47.8	9.46	56.2	11.72	60.4	12.96	64.2	14.14	71.4	16.72	78.6	19.66
	29	39.4	7.94	47.8	10.12	56.2	12.58	60.4	13.92	64.2	15.18	71.4	17.98	78.6	21.16
	31	39.4	8.5	47.8	10.86	56.2	13.52	60.4	14.96	64.2	16.34	71.4	19.36	78.6	22.8
	33	39.4	9.12	47.8	11.68	56.2	14.54	60.4	16.12	64.2	17.6	71.4	20.86	78.6	24.6
	35	39.4	9.82	47.8	12.58	56.2	15.68	60.4	17.38	64.2	18.98	71.4	22.52	78.6	26.56
	37	39.4	10.58	47.8	13.58	56.2	16.92	60.4	18.76	64.2	20.5	71.4	24.32	78.6	28.68
	39	39.4	11.42	47.8	14.66	56.2	18.28	60.4	20.26	64.2	22.14	71.4	26.26	78.6	30.98
	43	39.4	13.32	47.8	17.1	56.2	21.32	60.4	23.64	64.2	25.82	71.4	30.62	76.2	34.22
	46	39.4	14.96	47.8	19.18	56	22.48	58	24.98	59.8	25.74	63.4	29.02	67.2	32.6
	48	39.4	16.14	45.6	19.38	49.8	21.4	52	23.9	53.8	24.66	57.4	27.94	61	31.52
	50	35.4	15.06	39.6	18.32	43.8	20.32	46	22.82	47.8	23.58	51.4	26.86	55	30.44
50	10	32.8	3.94	39.8	4.94	46.8	6.04	50.4	6.62	53.4	7.16	59.4	8.36	65.6	9.7
	12	32.8	4.08	39.8	5.14	46.8	6.28	50.4	6.88	53.4	7.46	59.4	8.72	65.6	10.12
	14	32.8	4.24	39.8	5.34	46.8	6.54	50.4	7.18	53.4	7.78	59.4	9.12	65.6	10.6
	16	32.8	4.42	39.8	5.58	46.8	6.84	50.4	7.52	53.4	8.16	59.4	9.58	65.6	11.16
	18	32.8	4.62	39.8	5.84	46.8	7.18	50.4	7.9	53.4	8.58	59.4	10.1	65.6	11.78
	20	32.8	4.86	39.8	6.14	46.8	7.58	50.4	8.34	53.4	9.08	59.4	10.68	65.6	12.5
	21	32.8	4.98	39.8	6.32	46.8	7.78	50.4	8.58	53.4	9.34	59.4	11	65.6	12.88
	23	32.8	5.26	39.8	6.68	46.8	8.26	50.4	9.1	53.4	9.92	59.4	11.7	65.6	13.72
	25	32.8	5.58	39.8	7.1	46.8	8.78	50.4	9.7	53.4	10.56	59.4	12.48	65.6	14.68
	27	32.8	5.92	39.8	7.56	46.8	9.38	50.4	10.36	53.4	11.3	59.4	13.36	65.6	15.72
	29	32.8	6.32	39.8	8.08	46.8	10.04	50.4	11.1	53.4	12.1	59.4	14.34	65.6	16.88
	31	32.8	6.76	39.8	8.66	46.8	10.76	50.4	11.9	53.4	13	59.4	15.42	65.6	18.16
	33	32.8	7.26	39.8	9.3	46.8	11.58	50.4	12.8	53.4	14	59.4	16.6	65.6	19.58
	35	32.8	7.8	39.8	10	46.8	12.46	50.4	13.8	53.4	15.08	59.4	17.9	65.6	21.12
	37	32.8	8.4	39.8	10.78	46.8	13.44	50.4	14.9	53.4	16.28	59.4	19.32	65.6	22.8
	39	32.8	9.06	39.8	11.64	46.8	14.5	50.4	16.08	53.4	17.58	59.4	20.88	65.6	24.64
	43	32.8	10.56	39.8	13.56	46.8	16.92	50.4	18.76	53.4	20.5	59.4	24.34	65.6	28.72
	46	32.8	11.86	39.8	15.22	46.8	19	50.4	21.04	53.4	23	57.6	25.74	60.6	28.76
	48	32.8	12.8	39.8	16.44	45.2	19.2	47	19.96	48.4	21.92	51.6	24.66	54.6	27.68
	50	32	12.76	35.6	15.36	39.2	18.12	41	18.88	42.4	20.84	45.4	23.58	48.4	26.62

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM360AXVDGH1EU

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)		Indoor Temperature (°C, DB)									
	DB	WB	16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	-25	-25.1	76.2	32.36	74.2	34.32	72	36.26	69.8	38.88	67.4	40.84
	-22	-22.2	88.4	35.3	86.4	37.24	84.4	39.2	82	41.82	79.6	43.78
	-20	-20.2	96.6	37.24	94.6	39.2	92.4	41.16	90.2	43.78	87.8	45.72
	-17	-17.3	108.8	40.18	106.8	42.14	104.8	44.1	101.6	46.7	94.4	47.36
	-15	-15.3	117	42.14	115	44.1	113	46.06	105.8	47.36	98.6	48.02
	-12	-12.4	129.2	45.08	125.4	47.04	119	47.68	111.8	48.34	104.6	49
	-10	-10.5	135.6	47.04	129.4	47.68	123.2	48.34	116	49	108.8	49.64
	-7	-7.6	141.8	48.02	135.6	48.66	129.2	49.32	122	49.96	114.8	50.62
	-5	-5.6	145.8	48.66	139.6	49.32	133.4	49.96	126.2	50.62	119	51.28
	-3	-3.7	150	49.32	143.6	49.96	137.4	50.62	130.2	51.28	121	51.6
	0	-0.7	156	50.3	149.8	50.94	142.8	51.6	132.8	51.6	122.8	51.6
	3	2.2	162.2	51.28	153.2	51.6	144.6	51.6	134.4	51.6	123.8	48.54
	5	4.1	163	51.6	154.4	51.6	145.8	51.6	135.6	50.9	123.8	45.1
	7	6	164	51.6	155.4	51.6	146.8	51.6	135.6	47.34	123.8	42
	9	7.9	165.2	51.6	156.6	51.6	147.4	49.4	135.6	44.2	123.8	39.3
11	9.8	166.4	51.6	157.8	50.82	147.4	46.2	135.6	41.42	123.8	36.9	
13	11.8	167.4	51.6	157.8	47.6	147.4	43.34	135.6	38.94	123.8	34.76	
15	13.7	168	48.86	157.8	44.72	147.4	40.8	135.6	36.74	123.8	32.88	
120	-25	-25.1	73.6	35.3	71.8	36.92	69.8	38.22	67.6	40.84	65.4	42.46
	-22	-22.2	85.8	38.22	84	39.86	82	41.16	79.8	43.78	77.8	45.4
	-20	-20.2	94	40.18	92.2	41.82	90.2	43.12	88	45.72	83.8	46.7
	-17	-17.3	106.2	43.12	104.4	44.74	102.4	46.06	95.8	47.36	89.8	47.68
	-15	-15.3	114.4	45.08	112.4	46.7	106.6	47.36	100	48.02	94	48.34
	-12	-12.4	124.2	47.36	118.4	47.68	112.8	48.34	106.2	49	100	49.32
	-10	-10.5	128.2	48.02	122.6	48.34	116.8	49	110.2	49.64	104.2	49.96
	-7	-7.6	134.4	49	128.6	49.32	123	49.96	116.4	50.62	110.2	50.94
	-5	-5.6	138.4	49.64	132.8	49.96	127	50.62	120.4	51.28	112.6	51.6
	-3	-3.7	142.6	50.3	136.8	50.62	131	51.28	123	51.6	113.8	51.6
	0	-0.7	148.6	51.28	141.6	51.6	133.8	51.6	124.6	51.6	114.4	46.2
	3	2.2	151.8	51.6	143.4	51.6	135.6	51.6	125.2	46.62	114.4	41.26
	5	4.1	152.8	51.6	144.4	51.6	136	48.56	125.2	43.32	114.4	38.38
	7	6	154	51.6	145.6	49.82	136	45.16	125.2	40.34	114.4	35.8
	9	7.9	155.2	51.02	145.6	46.46	136	42.18	125.2	37.74	114.4	33.56
11	9.8	155.2	47.66	145.6	43.44	136	39.5	125.2	35.44	114.4	31.56	
13	11.8	155.2	44.66	145.6	40.78	136	37.14	125.2	33.38	114.4	29.78	
15	13.7	155.2	42	145.6	38.4	136	35.04	125.2	31.58	114.4	28.22	
110	-25	-25.1	71	37.24	69.2	38.88	67.6	40.18	65.6	41.82	61	43.08
	-22	-22.2	83.2	40.18	81.6	41.82	79.8	43.12	77.8	44.74	73.2	46.02
	-20	-20.2	91.4	42.14	89.8	43.78	88	45.08	84.6	46.7	79.2	47.32
	-17	-17.3	103.6	45.08	102	46.7	96.2	47.36	90.8	47.68	85.2	48.3
	-15	-15.3	110.6	47.04	106	47.36	100.2	48.02	94.8	48.34	89.4	48.96
	-12	-12.4	116.8	48.02	112.2	48.34	106.4	49	101	49.32	95.4	49.92
	-10	-10.5	120.8	48.66	116.2	49	110.4	49.64	105	49.96	99.6	50.58
	-7	-7.6	127	49.64	122.4	49.96	116.6	50.62	111.2	50.94	104.8	51.56
	-5	-5.6	131	50.3	126.4	50.62	120.6	51.28	113.6	51.6	104.8	47.58
	-3	-3.7	135.2	50.94	130.6	51.28	123	51.6	114.8	49.82	104.8	43.94
	0	-0.7	139.4	51.6	132.4	51.6	124.8	49.82	114.8	44.32	104.8	39.14
	3	2.2	141	51.6	133.4	49.12	124.8	44.42	114.8	39.58	104.8	35.02
	5	4.1	142.2	50.18	133.4	45.58	124.8	41.28	114.8	36.82	104.8	32.6
	7	6	142.2	46.62	133.4	42.4	124.8	38.44	114.8	34.34	104.8	30.46
	9	7.9	142.2	43.5	133.4	39.6	124.8	35.96	114.8	32.18	104.8	28.6
11	9.8	142.2	40.7	133.4	37.12	124.8	33.76	114.8	30.26	104.8	26.94	
13	11.8	142.2	38.22	133.4	34.9	124.8	31.82	114.8	28.58	104.8	25.48	
15	13.7	142.2	36.04	133.4	32.96	124.8	30.08	114.8	27.08	104.8	24.2	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM360AXVDGH1EU

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)		Indoor Temperature (°C, DB)									
	DB	WB	16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	-25	-25.1	68.4	39.2	66.8	40.84	65.2	42.98	60.8	40.84	56.2	39.24
	-22	-22.2	80.6	42.14	79.2	43.78	77.6	45.9	73	43.78	68.4	42.18
	-20	-20.2	88.8	44.1	87.2	45.72	84.2	47.04	78.8	45.08	72.8	43.48
	-17	-17.3	99.8	47.04	95	47.36	90.4	48.02	85	46.06	79	44.46
	-15	-15.3	103.8	47.68	99.2	48.02	94.4	48.66	89	46.72	83	45.12
	-12	-12.4	110	48.66	105.2	49	100.6	49.64	95.2	47.7	89.2	46.1
	-10	-10.5	114	49.32	109.4	49.64	104.6	50.3	99.2	48.34	93.2	46.74
	-7	-7.6	120.2	50.3	115.4	50.62	110.8	51.28	104.4	49.32	95.2	43.4
	-5	-5.6	124.2	50.94	119.6	51.28	113.4	51.2	104.4	45.52	95.2	40.08
	-3	-3.7	127.6	51.6	120.8	51.6	113.4	47.28	104.4	42.04	95.2	37.04
	0	-0.7	129.2	51.34	121.4	46.56	113.4	42.06	104.4	37.44	95.2	33.04
	3	2.2	129.2	45.76	121.4	41.54	113.4	37.58	104.4	33.5	95.2	29.62
	5	4.1	129.2	42.5	121.4	38.6	113.4	34.96	104.4	31.2	95.2	27.62
	7	6	129.2	39.56	121.4	35.98	113.4	32.62	104.4	29.14	95.2	25.84
	9	7.9	129.2	37	121.4	33.68	113.4	30.58	104.4	27.36	95.2	24.3
11	9.8	129.2	34.7	121.4	31.64	113.4	28.76	104.4	25.78	95.2	22.94	
13	11.8	129.2	32.66	121.4	29.84	113.4	27.16	104.4	24.38	95.2	21.74	
15	13.7	129.2	30.88	121.4	28.24	113.4	25.76	104.4	23.14	95.2	20.68	
90	-25	-25.1	65.8	41.82	63.2	41.3	59.6	39.22	55.6	38.12	51.4	35.26
	-22	-22.2	78.2	44.74	75.4	44.24	71.8	42.14	67.8	41.06	62.4	38.18
	-20	-20.2	85.6	46.7	82	46.2	77.4	43.46	72	42.36	66.6	38.84
	-17	-17.3	91.8	47.68	88.2	47.18	83.4	44.44	78	43.34	72.6	39.82
	-15	-15.3	95.8	48.34	92.2	47.82	87.6	45.08	82.2	43.98	76.8	40.46
	-12	-12.4	102	49.32	98.4	48.8	93.6	46.06	88.2	44.96	83	41.44
	-10	-10.5	106	49.96	102.4	49.46	97.8	46.72	92.4	45.62	85.8	42.1
	-7	-7.6	112.2	50.94	108.6	50.44	102	47.7	94	42.36	85.8	37.3
	-5	-5.6	115.2	51.6	109.2	48.76	102	44	94	39.12	85.8	34.46
	-3	-3.7	116.4	49.74	109.2	45.02	102	40.66	94	36.16	85.8	31.88
	0	-0.7	116.4	44.22	109.2	40.08	102	36.22	94	32.24	85.8	28.48
	3	2.2	116.4	39.48	109.2	35.82	102	32.42	94	28.9	85.8	25.56
	5	4.1	116.4	36.72	109.2	33.36	102	30.2	94	26.96	85.8	23.88
	7	6	116.4	34.24	109.2	31.14	102	28.22	94	25.22	85.8	22.38
	9	7.9	116.4	32.08	109.2	29.22	102	26.5	94	23.72	85.8	21.08
11	9.8	116.4	30.16	109.2	27.5	102	24.98	94	22.38	85.8	19.94	
13	11.8	116.4	28.46	109.2	26	102	23.64	94	21.22	85.8	18.94	
15	13.7	116.4	26.96	109.2	24.66	102	22.46	94	20.18	85.8	18.06	
80	-25	-25.1	60.2	41.04	57.2	38.56	54	36.68	50.4	33.66	46.6	33.22
	-22	-22.2	72.6	43.98	69.4	41.5	65.8	39.62	61	36.6	56.2	35.5
	-20	-20.2	78.2	45.28	74	42.8	69.8	40.28	65	37.26	60.2	36.16
	-17	-17.3	84.4	46.26	80.2	43.78	76	41.26	71.2	38.24	66.4	37.14
	-15	-15.3	88.4	46.92	84.2	44.42	80	41.9	75.2	38.88	70.4	37.8
	-12	-12.4	94.6	47.88	90.4	45.4	86.2	42.88	81.4	39.86	76.2	38.76
	-10	-10.5	98.6	48.54	94.4	46.06	90.2	43.54	83.4	40.52	76.2	35.74
	-7	-7.6	103.4	49.52	97	44.86	90.8	40.46	83.4	35.9	76.2	31.68
	-5	-5.6	103.4	45.7	97	41.4	90.8	37.36	83.4	33.16	76.2	29.28
	-3	-3.7	103.4	42.22	97	38.28	90.8	34.54	83.4	30.7	76.2	27.1
	0	-0.7	103.4	37.6	97	34.12	90.8	30.82	83.4	27.42	76.2	24.24
	3	2.2	103.4	33.66	97	30.56	90.8	27.66	83.4	24.64	76.2	21.8
	5	4.1	103.4	31.36	97	28.5	90.8	25.8	83.4	23.02	76.2	20.4
	7	6	103.4	29.3	97	26.66	90.8	24.16	83.4	21.58	76.2	19.14
	9	7.9	103.4	27.52	97	25.06	90.8	22.74	83.4	20.34	76.2	18.06
11	9.8	103.4	25.94	97	23.64	90.8	21.48	83.4	19.24	76.2	17.1	
13	11.8	103.4	24.54	97	22.4	90.8	20.38	83.4	18.28	76.2	16.28	
15	13.7	103.4	23.32	97	21.3	90.8	19.4	83.4	17.44	76.2	15.54	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM360AXVDGH1EU

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)		Indoor Temperature (°C, DB)									
	DB	WB	16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	-25	-25.1	53.8	37.7	51	35.44	48.2	33.84	45	31.22	42	29.18
	-22	-22.2	65.6	40.64	62	38.38	58.2	36.12	54	33.5	50	30.82
	-20	-20.2	69.8	41.3	66	39.02	62.4	36.78	58.2	34.14	54	31.46
	-17	-17.3	75.8	42.28	72.2	40	68.6	37.76	64.4	35.12	60.2	32.44
	-15	-15.3	80	42.92	76.2	40.66	72.6	38.4	68.4	35.78	64.2	33.1
	-12	-12.4	86	43.9	82.4	41.64	78.8	39.38	73	36.76	66.6	32.4
	-10	-10.5	90.2	44.56	85	42.28	79.4	38.12	73	33.88	66.6	29.88
	-7	-7.6	90.6	41.4	85	37.46	79.4	33.78	73	30.04	66.6	26.5
	-5	-5.6	90.6	38.22	85	34.6	79.4	31.22	73	27.78	66.6	24.52
	-3	-3.7	90.6	35.34	85	32.02	79.4	28.9	73	25.72	66.6	22.72
	0	-0.7	90.6	31.54	85	28.6	79.4	25.84	73	23.02	66.6	20.36
	3	2.2	90.6	28.3	85	25.68	79.4	23.24	73	20.72	66.6	18.34
	5	4.1	90.6	26.4	85	23.98	79.4	21.72	73	19.4	66.6	17.2
	7	6	90.6	24.72	85	22.48	79.4	20.38	73	18.22	66.6	16.16
	9	7.9	90.6	23.26	85	21.18	79.4	19.22	73	17.2	66.6	15.28
11	9.8	90.6	21.98	85	20.04	79.4	18.2	73	16.32	66.6	14.5	
13	11.8	90.6	20.84	85	19.02	79.4	17.3	73	15.52	66.6	13.82	
15	13.7	90.6	19.86	85	18.14	79.4	16.52	73	14.84	66.6	13.22	
60	-25	-25.1	47.4	33.92	45	32.02	42.6	30.1	39.8	28.42	37.2	26.06
	-22	-22.2	57	36.2	54	34.3	50.8	32.4	47.2	30.06	43.6	27.7
	-20	-20.2	61.2	36.84	58	34.96	54.8	33.04	51.4	30.7	47.8	28.36
	-17	-17.3	67.2	37.82	64.2	35.94	61	34.02	57.4	31.68	53.8	29.32
	-15	-15.3	71.4	38.48	68.2	36.58	65.2	34.68	61.6	32.34	57.2	29.98
	-12	-12.4	77.6	39.46	72.8	37.56	68	33.92	62.6	30.1	57.2	26.52
	-10	-10.5	77.6	38.2	72.8	34.62	68	31.26	62.6	27.76	57.2	24.46
	-7	-7.6	77.6	33.86	72.8	30.7	68	27.74	62.6	24.64	57.2	21.74
	-5	-5.6	77.6	31.3	72.8	28.4	68	25.66	62.6	22.8	57.2	20.12
	-3	-3.7	77.6	28.98	72.8	26.3	68	23.76	62.6	21.14	57.2	18.66
	0	-0.7	77.6	25.92	72.8	23.54	68	21.28	62.6	18.96	57.2	16.76
	3	2.2	77.6	23.3	72.8	21.18	68	19.18	62.6	17.1	57.2	15.14
	5	4.1	77.6	21.8	72.8	19.82	68	17.96	62.6	16.02	57.2	14.2
	7	6	77.6	20.46	72.8	18.62	68	16.88	62.6	15.08	57.2	13.38
	9	7.9	77.6	19.3	72.8	17.58	68	15.96	62.6	14.26	57.2	12.68
11	9.8	77.6	18.28	72.8	16.68	68	15.14	62.6	13.56	57.2	12.06	
13	11.8	77.6	17.4	72.8	15.86	68	14.42	62.6	12.94	57.2	11.52	
15	13.7	77.6	16.62	72.8	15.16	68	13.8	62.6	12.38	57.2	11.04	
50	-25	-25.1	40.8	31.54	39	28.18	37	26.56	34.2	25.28	31.2	21.92
	-22	-22.2	48.6	33.16	46	29.8	43.4	28.2	40.4	26.26	37.4	22.9
	-20	-20.2	52.6	33.82	50	30.46	47.4	28.84	44.4	26.9	41.4	23.56
	-17	-17.3	58.8	34.8	56.2	31.44	53.6	29.82	50.6	27.88	47.6	24.54
	-15	-15.3	62.8	35.46	60.2	32.08	56.8	30.48	52.2	27.08	47.6	23.86
	-12	-12.4	64.6	32.96	60.6	29.88	56.8	26.96	52.2	23.96	47.6	21.12
	-10	-10.5	64.6	30.4	60.6	27.56	56.8	24.88	52.2	22.1	47.6	19.5
	-7	-7.6	64.6	26.98	60.6	24.46	56.8	22.08	52.2	19.64	47.6	17.34
	-5	-5.6	64.6	24.96	60.6	22.64	56.8	20.46	52.2	18.18	47.6	16.06
	-3	-3.7	64.6	23.14	60.6	21	56.8	18.98	52.2	16.88	47.6	14.92
	0	-0.7	64.6	20.74	60.6	18.82	56.8	17.04	52.2	15.16	47.6	13.42
	3	2.2	64.6	18.7	60.6	17	56.8	15.38	52.2	13.72	47.6	12.16
	5	4.1	64.6	17.52	60.6	15.94	56.8	14.44	52.2	12.88	47.6	11.42
	7	6	64.6	16.48	60.6	15	56.8	13.6	52.2	12.14	47.6	10.78
	9	7.9	64.6	15.58	60.6	14.2	56.8	12.88	52.2	11.52	47.6	10.24
11	9.8	64.6	14.8	60.6	13.5	56.8	12.26	52.2	10.96	47.6	9.76	
13	11.8	64.6	14.12	60.6	12.88	56.8	11.7	52.2	10.48	47.6	9.34	
15	13.7	64.6	13.52	60.6	12.34	56.8	11.22	52.2	10.06	47.6	8.98	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM380AXVDGH1EU

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)	Indoor Temperature (°C, WB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	
130	10	90.1	12.6	109.5	15.5	128.9	18.69	138.6	20.39	146.9	22.03	163.5	25.69	180.2	29.91
	12	90.1	13.19	109.5	16.31	128.9	19.74	138.6	21.61	146.9	23.41	163.5	27.38	180.2	32.01
	14	90.1	13.86	109.5	17.23	128.9	20.95	138.6	22.99	146.9	24.95	163.5	29.27	180.2	34.31
	16	90.1	14.61	109.5	18.25	128.9	22.31	138.6	24.52	146.9	26.65	163.5	31.37	180.2	36.86
	18	90.1	15.47	109.5	19.42	128.9	23.81	138.6	26.23	146.9	28.56	163.5	33.7	180.2	39.68
	20	90.1	16.43	109.5	20.72	128.9	25.51	138.6	28.13	146.9	30.66	163.5	36.27	179.9	42.18
	21	90.1	16.96	109.5	21.43	128.9	26.43	138.6	29.15	146.9	31.8	163.5	37.64	178.8	42.96
	23	90.1	18.1	109.5	22.94	128.9	28.39	138.6	31.37	146.9	34.24	163.5	40.58	174.1	42.66
	25	90.1	19.37	109.5	24.65	128.9	30.56	138.6	33.8	146.9	36.9	162.3	42.35	167.9	41.66
	27	90.1	20.79	109.5	26.52	128.9	32.92	138.6	36.44	146.9	39.82	157.9	42.05	161.6	40.65
	29	90.1	22.34	109.5	28.55	128.9	35.52	138.6	39.34	145.8	41.57	151.8	41.04	155.2	39.64
	31	90.1	24.07	109.5	30.8	128.9	38.35	137.6	41.63	141.8	41.28	145.4	40.04	148.8	38.63
	33	90.1	25.95	109.5	33.25	128.4	40.58	133.6	41.33	135.8	40.27	139.1	39.03	142.4	37.63
	35	90.1	28	109.5	35.9	124.9	40.79	127.7	40.32	129.4	39.26	132.7	38.03	135.9	36.63
	37	90.1	30.24	109.5	38.78	119.3	40.13	121.3	39.32	122.9	38.25	126.3	37.02	129.6	35.62
	39	90.1	32.66	107.4	39.83	112.9	39.12	114.9	38.3	116.5	37.25	119.9	36.02	123.2	34.62
	43	87.1	35.48	96.2	38.53	100.1	37.11	102.1	36.31	103.8	35.23	107.1	34	110.4	32.6
	46	77.8	33.98	86.7	37.03	90.5	35.6	92.4	34.79	94.2	33.73	97.4	32.5	100.8	31.1
	48	71.4	32.97	80.3	36.01	84.1	34.6	86	33.78	87.7	32.72	91.1	31.49	94.3	30.09
	50	65	31.97	73.9	35.01	77.8	33.59	79.7	32.78	81.3	31.71	84.7	30.48	87.9	29.08
120	10	83.1	11.31	101.1	13.94	119	16.77	127.9	18.29	135.5	19.76	151	22.98	166.3	26.69
	12	83.1	11.82	101.1	14.62	119	17.69	127.9	19.33	135.5	20.93	151	24.43	166.3	28.46
	14	83.1	12.39	101.1	15.41	119	18.71	127.9	20.5	135.5	22.25	151	26.05	166.3	30.44
	16	83.1	13.05	101.1	16.29	119	19.88	127.9	21.82	135.5	23.71	151	27.86	166.3	32.65
	18	83.1	13.78	101.1	17.3	119	21.19	127.9	23.3	135.5	25.36	151	29.87	166.3	35.08
	20	83.1	14.62	101.1	18.42	119	22.65	127.9	24.95	135.5	27.18	151	32.09	166.3	37.77
	21	83.1	15.07	101.1	19.03	119	23.44	127.9	25.84	135.5	28.17	151	33.29	166.3	39.2
	23	83.1	16.06	101.1	20.36	119	25.15	127.9	27.76	135.5	30.29	151	35.85	166.3	42.27
	25	83.1	17.18	101.1	21.83	119	27.04	127.9	29.88	135.5	32.63	151	38.66	164	42.88
	27	83.1	18.41	101.1	23.46	119	29.11	127.9	32.19	135.5	35.17	150.9	41.15	158.7	42.24
	29	83.1	19.77	101.1	25.25	119	31.39	127.9	34.74	135.5	37.97	148.3	41.78	152.4	41.23
	31	83.1	21.27	101.1	27.21	119	33.87	127.9	37.5	135.4	40.42	142.9	41.12	146	40.22
	33	83.1	22.92	101.1	29.36	119	36.57	127.7	39.94	132.5	40.63	136.5	40.12	139.6	39.22
	35	83.1	24.73	101.1	31.7	118.9	38.95	124.6	40.15	127	39.99	130.1	39.11	133.2	38.21
	37	83.1	26.7	101.1	34.24	116.3	39.16	119.1	39.49	120.6	38.97	123.7	38.1	126.8	37.2
	39	83.1	28.83	101.1	36.45	111	38.5	112.7	38.48	114.2	37.97	117.4	37.09	120.4	36.2
	43	82.1	32.67	92.9	36.34	98.1	36.5	100	36.47	101.5	35.96	104.5	35.08	107.6	34.19
	46	74.4	31.72	83.2	34.83	88.6	34.98	90.4	34.96	92	34.46	95	33.57	98	32.67
	48	68	30.71	76.8	33.82	82.2	33.97	84	33.96	85.5	33.44	88.6	32.57	91.6	31.67
	50	61.6	29.7	70.5	32.82	75.8	32.96	77.5	32.95	79.1	32.44	82.2	31.56	85.2	30.67
110	10	76.2	10.09	92.6	12.47	109	15.01	117.3	16.35	124.4	17.67	138.3	20.53	152.5	23.76
	12	76.2	10.54	92.6	13.06	109	15.79	117.3	17.24	124.4	18.65	138.3	21.74	152.5	25.27
	14	76.2	11.03	92.6	13.73	109	16.67	117.3	18.25	124.4	19.77	138.3	23.11	152.5	26.95
	16	76.2	11.59	92.6	14.49	109	17.66	117.3	19.37	124.4	21.03	138.3	24.66	152.5	28.84
	18	76.2	12.22	92.6	15.34	109	18.77	117.3	20.64	124.4	22.43	138.3	26.38	152.5	30.93
	20	76.2	12.94	92.6	16.3	109	20.03	117.3	22.05	124.4	24	138.3	28.3	152.5	33.23
	21	76.2	13.33	92.6	16.82	109	20.71	117.3	22.81	124.4	24.85	138.3	29.33	152.5	34.48
	23	76.2	14.18	92.6	17.97	109	22.18	117.3	24.48	124.4	26.68	138.3	31.56	152.5	37.14
	25	76.2	15.14	92.6	19.24	109	23.81	117.3	26.32	124.4	28.7	138.3	33.99	152.5	40.05
	27	76.2	16.21	92.6	20.67	109	25.62	117.3	28.33	124.4	30.93	138.3	36.66	152.2	42.64
	29	76.2	17.39	92.6	22.21	109	27.6	117.3	30.54	124.4	33.36	138.3	39.57	148.7	42.84
	31	76.2	18.7	92.6	23.93	109	29.76	117.3	32.96	124.4	36	137.5	41.86	143.2	42.2
	33	76.2	20.14	92.6	25.81	109	32.13	117.3	35.58	124.4	38.87	133.4	42.07	136.8	41.19
	35	76.2	21.71	92.6	27.85	109	34.69	117.3	38.42	122.7	40.19	127.6	41.05	130.4	40.19
	37	76.2	23.44	92.6	30.08	109	37.46	115.3	39.49	118.2	39.9	121.2	40.05	124	39.18
	39	76.2	25.31	92.6	32.49	107.2	38.51	110.6	39.18	112.1	38.89	114.8	39.06	117.6	38.17
	43	76.1	29.08	88.5	34.28	96.2	37.21	97.8	37.17	99.3	36.88	101.9	37.04	104.8	36.16
	46	70.9	29.29	79.1	32.77	86.6	35.69	88.2	35.67	89.6	35.37	92.4	35.53	95.3	34.66
	48	64.5	28.28	72.7	31.77	80.2	34.7	81.8	34.65	83.2	34.37	86	34.53	88.9	33.64
	50	58.1	27.28	66.3	30.76	73.7	33.69	75.4	33.65	76.8	33.35	79.7	33.51	82.5	32.64

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM380AXVDGH1EU

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)	Indoor Temperature (°C, WB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	10	69.3	8.96	84.2	11.09	99.2	13.35	106.6	14.56	113	15.73	125.8	18.25	138.6	21.11
	12	69.3	9.33	84.2	11.59	99.2	14.01	106.6	15.31	113	16.57	125.8	19.27	138.6	22.36
	14	69.3	9.75	84.2	12.15	99.2	14.76	106.6	16.16	113	17.51	125.8	20.44	138.6	23.79
	16	69.3	10.23	84.2	12.8	99.2	15.6	106.6	17.1	113	18.57	125.8	21.74	138.6	25.38
	18	69.3	10.77	84.2	13.53	99.2	16.55	106.6	18.19	113	19.76	125.8	23.2	138.6	27.16
	20	69.3	11.39	84.2	14.34	99.2	17.62	106.6	19.39	113	21.1	125.8	24.84	138.6	29.13
	21	69.3	11.72	84.2	14.79	99.2	18.2	106.6	20.05	113	21.82	125.8	25.72	138.6	30.19
	23	69.3	12.46	84.2	15.77	99.2	19.46	106.6	21.46	113	23.39	125.8	27.62	138.6	32.48
	25	69.3	13.28	84.2	16.86	99.2	20.86	106.6	23.03	113	25.13	125.8	29.72	138.6	34.99
	27	69.3	14.19	84.2	18.08	99.2	22.42	106.6	24.78	113	27.04	125.8	32.02	138.6	37.73
	29	69.3	15.21	84.2	19.42	99.2	24.12	106.6	26.68	113	29.14	125.8	34.54	138.6	40.73
	31	69.3	16.35	84.2	20.9	99.2	26	106.6	28.78	113	31.44	125.8	37.29	137.6	43.09
	33	69.3	17.59	84.2	22.52	99.2	28.05	106.6	31.06	113	33.93	125.8	40.27	133.6	42.79
	35	69.3	18.96	84.2	24.3	99.2	30.28	106.6	33.53	113	36.65	123.6	41.35	127.7	41.79
	37	69.3	20.46	84.2	26.24	99.2	32.7	106.6	36.21	112.5	38.79	118.7	40.7	121.3	40.77
	39	69.3	22.1	84.2	28.33	99.2	35.32	105.6	38.33	109	38.99	112.3	39.7	114.9	39.78
	43	69.3	25.78	83	32.11	92	35.38	95.7	37.74	97	37.33	99.6	37.68	102.1	37.76
	46	66.8	26.98	74.9	31.15	82.3	33.88	86	36.23	87.3	35.82	89.9	36.18	92.4	36.26
	48	61	25.97	68.5	30.14	75.9	32.87	79.7	35.22	80.9	34.82	83.5	35.17	86	35.25
	50	54.6	24.96	62.1	29.13	69.5	31.86	73.3	34.22	74.5	33.82	77.1	34.16	79.7	34.25
90	10	62.4	7.75	75.8	9.6	89.2	11.59	95.9	12.64	101.7	13.65	113.2	15.84	124.8	18.3
	12	62.4	8.06	75.8	10.02	89.2	12.14	95.9	13.25	101.7	14.34	113.2	16.67	124.8	19.33
	14	62.4	8.41	75.8	10.49	89.2	12.74	95.9	13.95	101.7	15.11	113.2	17.63	124.8	20.49
	16	62.4	8.8	75.8	11.01	89.2	13.44	95.9	14.72	101.7	15.98	113.2	18.7	124.8	21.8
	18	62.4	9.25	75.8	11.61	89.2	14.21	95.9	15.61	101.7	16.97	113.2	19.89	124.8	23.26
	20	62.4	9.76	75.8	12.29	89.2	15.1	95.9	16.6	101.7	18.06	113.2	21.25	124.8	24.89
	21	62.4	10.04	75.8	12.66	89.2	15.58	95.9	17.15	101.7	18.67	113.2	21.97	124.8	25.77
	23	62.4	10.64	75.8	13.48	89.2	16.64	95.9	18.33	101.7	19.97	113.2	23.56	124.8	27.68
	25	62.4	11.33	75.8	14.39	89.2	17.8	95.9	19.64	101.7	21.41	113.2	25.3	124.8	29.76
	27	62.4	12.09	75.8	15.4	89.2	19.1	95.9	21.09	101.7	23.02	113.2	27.24	124.8	32.07
	29	62.4	12.94	75.8	16.52	89.2	20.52	95.9	22.69	101.7	24.77	113.2	29.35	124.8	34.59
	31	62.4	13.89	75.8	17.77	89.2	22.1	95.9	24.44	101.7	26.71	113.2	31.67	124.8	37.33
	33	62.4	14.94	75.8	19.14	89.2	23.82	95.9	26.37	101.7	28.81	113.2	34.19	124.8	40.32
	35	62.4	16.09	75.8	20.63	89.2	25.71	95.9	28.46	101.7	31.11	113.2	36.91	123	41.4
	37	62.4	17.36	75.8	22.27	89.2	27.77	95.9	30.74	101.7	33.6	112.7	39.07	118.4	41.12
	39	62.4	18.74	75.8	24.05	89.2	29.99	95.9	33.19	101.6	35.78	109.1	39.27	112.1	40.11
	43	62.4	21.85	75.7	27.63	86.6	32.55	90.4	34.2	93.2	35.65	97	37.61	99.3	38.1
	46	61.5	23.76	70.7	27.78	77.4	31.04	80.7	32.7	83.6	34.14	87.4	36.11	89.7	36.59
	48	57.6	23.2	64.3	26.76	71	30.04	74.4	31.68	77.2	33.14	81	35.09	83.2	35.59
	50	51.2	22.19	57.8	25.77	64.6	29.03	68	30.68	70.8	32.13	74.6	34.09	76.8	34.57
80	10	55.5	6.64	67.3	8.25	79.3	9.99	85.3	10.89	90.4	11.78	100.6	13.67	110.8	15.79
	12	55.5	6.89	67.3	8.59	79.3	10.42	85.3	11.4	90.4	12.32	100.6	14.35	110.8	16.61
	14	55.5	7.18	67.3	8.98	79.3	10.91	85.3	11.96	90.4	12.95	100.6	15.11	110.8	17.54
	16	55.5	7.51	67.3	9.4	79.3	11.47	85.3	12.6	90.4	13.65	100.6	15.99	110.8	18.6
	18	55.5	7.87	67.3	9.89	79.3	12.12	85.3	13.32	90.4	14.46	100.6	16.94	110.8	19.79
	20	55.5	8.28	67.3	10.45	79.3	12.84	85.3	14.13	90.4	15.35	100.6	18.06	110.8	21.13
	21	55.5	8.51	67.3	10.76	79.3	13.22	85.3	14.57	90.4	15.85	100.6	18.65	110.8	21.85
	23	55.5	9.01	67.3	11.43	79.3	14.09	85.3	15.54	90.4	16.92	100.6	19.95	110.8	23.41
	25	55.5	9.59	67.3	12.18	79.3	15.06	85.3	16.62	90.4	18.1	100.6	21.39	110.8	25.14
	27	55.5	10.21	67.3	13.01	79.3	16.12	85.3	17.81	90.4	19.43	100.6	22.99	110.8	27.04
	29	55.5	10.92	67.3	13.94	79.3	17.31	85.3	19.14	90.4	20.89	100.6	24.75	110.8	29.14
	31	55.5	11.71	67.3	14.97	79.3	18.62	85.3	20.61	90.4	22.49	100.6	26.67	110.8	31.43
	33	55.5	12.58	67.3	16.12	79.3	20.06	85.3	22.21	90.4	24.25	100.6	28.76	110.8	33.92
	35	55.5	13.54	67.3	17.36	79.3	21.63	85.3	23.96	90.4	26.17	100.6	31.06	110.8	36.63
	37	55.5	14.6	67.3	18.74	79.3	23.36	85.3	25.87	90.4	28.26	100.6	33.54	110.8	39.56
	39	55.5	15.76	67.3	20.23	79.3	25.22	85.3	27.94	90.4	30.52	100.6	36.22	108.1	39.76
	43	55.5	18.37	67.3	23.59	78.8	28.97	84	31.65	87.1	33.14	92.7	36.1	96.5	38.1
	46	55.5	20.62	65.6	25.03	72.4	27.97	75.4	30.49	78	31.64	83.1	34.58	87	36.59
	48	53.4	20.97	60	24.02	66	26.96	69	29.49	71.6	30.62	76.7	33.58	80.6	35.59
	50	47.7	19.97	53.6	23.01	59.6	25.95	62.6	28.49	65.2	29.62	70.3	32.57	74.2	34.59

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM380AXVDGH1EU

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)	Indoor Temperature (°C, WB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	10	48.5	5.61	59	7.01	69.4	8.49	74.6	9.29	79.1	10.05	88.1	11.67	97.1	13.49
	12	48.5	5.82	59	7.29	69.4	8.84	74.6	9.68	79.1	10.49	88.1	12.2	97.1	14.15
	14	48.5	6.06	59	7.58	69.4	9.24	74.6	10.13	79.1	10.98	88.1	12.8	97.1	14.89
	16	48.5	6.31	59	7.94	69.4	9.69	74.6	10.65	79.1	11.54	88.1	13.5	97.1	15.73
	18	48.5	6.61	59	8.34	69.4	10.2	74.6	11.22	79.1	12.18	88.1	14.29	97.1	16.68
	20	48.5	6.96	59	8.78	69.4	10.78	74.6	11.88	79.1	12.9	88.1	15.16	97.1	17.74
	21	48.5	7.14	59	9.03	69.4	11.11	74.6	12.23	79.1	13.3	88.1	15.64	97.1	18.32
	23	48.5	7.55	59	9.57	69.4	11.8	74.6	13.01	79.1	14.17	88.1	16.7	97.1	19.58
	25	48.5	8.01	59	10.18	69.4	12.57	74.6	13.88	79.1	15.14	88.1	17.87	97.1	20.98
	27	48.5	8.52	59	10.86	69.4	13.45	74.6	14.86	79.1	16.2	88.1	19.16	97.1	22.55
	29	48.5	9.09	59	11.61	69.4	14.41	74.6	15.94	79.1	17.39	88.1	20.6	97.1	24.25
	31	48.5	9.74	59	12.46	69.4	15.49	74.6	17.13	79.1	18.72	88.1	22.17	97.1	26.13
	33	48.5	10.45	59	13.4	69.4	16.67	74.6	18.44	79.1	20.15	88.1	23.9	97.1	28.19
	35	48.5	11.24	59	14.42	69.4	17.96	74.6	19.89	79.1	21.74	88.1	25.79	97.1	30.43
	37	48.5	12.11	59	15.55	69.4	19.39	74.6	21.47	79.1	23.47	88.1	27.85	97.1	32.86
	39	48.5	13.07	59	16.79	69.4	20.93	74.6	23.19	79.1	25.34	88.1	30.08	97.1	35.49
	43	48.5	15.24	59	19.58	69.4	24.41	74.6	27.03	78.6	29.12	85.8	32.85	90.8	36.4
	46	48.5	17.1	58.6	21.61	67.1	25.52	70.1	27.15	72.3	28.82	76.8	31.35	81.3	34.9
	48	47.8	18.13	55.8	22.02	61.1	24.51	63.8	26.15	66	27.82	70.4	30.33	74.9	33.88
	50	44.2	17.5	49.5	21.01	54.7	23.5	57.4	25.15	59.6	26.81	64	29.33	68.5	32.88
60	10	41.6	4.67	50.5	5.84	59.5	7.1	64	7.78	67.8	8.43	75.5	9.81	83.1	11.36
	12	41.6	4.83	50.5	6.05	59.5	7.38	64	8.09	67.8	8.77	75.5	10.23	83.1	11.85
	14	41.6	5.01	50.5	6.3	59.5	7.7	64	8.44	67.8	9.16	75.5	10.69	83.1	12.44
	16	41.6	5.22	50.5	6.58	59.5	8.05	64	8.84	67.8	9.6	75.5	11.25	83.1	13.09
	18	41.6	5.46	50.5	6.89	59.5	8.46	64	9.3	67.8	10.11	75.5	11.85	83.1	13.84
	20	41.6	5.74	50.5	7.24	59.5	8.92	64	9.81	67.8	10.68	75.5	12.54	83.1	14.68
	21	41.6	5.88	50.5	7.43	59.5	9.16	64	10.09	67.8	10.99	75.5	12.93	83.1	15.13
	23	41.6	6.2	50.5	7.86	59.5	9.71	64	10.7	67.8	11.67	75.5	13.75	83.1	16.13
	25	41.6	6.57	50.5	8.34	59.5	10.33	64	11.4	67.8	12.44	75.5	14.68	83.1	17.23
	27	41.6	6.98	50.5	8.89	59.5	11.02	64	12.18	67.8	13.3	75.5	15.71	83.1	18.47
	29	41.6	7.44	50.5	9.5	59.5	11.8	64	13.04	67.8	14.25	75.5	16.86	83.1	19.84
	31	41.6	7.95	50.5	10.18	59.5	12.66	64	14	67.8	15.31	75.5	18.12	83.1	21.36
	33	41.6	8.53	50.5	10.93	59.5	13.6	64	15.06	67.8	16.46	75.5	19.53	83.1	23.01
	35	41.6	9.17	50.5	11.75	59.5	14.65	64	16.22	67.8	17.74	75.5	21.05	83.1	24.82
	37	41.6	9.87	50.5	12.66	59.5	15.8	64	17.5	67.8	19.15	75.5	22.73	83.1	26.79
	39	41.6	10.65	50.5	13.67	59.5	17.06	64	18.89	67.8	20.67	75.5	24.54	83.1	28.94
	43	41.6	12.42	50.5	15.94	59.5	19.89	64	22.04	67.8	24.11	75.5	28.19	82.1	32.8
	46	41.6	13.94	50.5	17.88	59.1	21.96	62.9	23.96	65.9	25.58	70.5	28.37	74.4	31.85
	48	41.6	15.04	49.5	18.65	56.2	22.38	58.4	23.39	60.3	24.59	64.1	27.37	68	30.84
	50	39.9	15.17	45.3	18.03	49.8	21.37	52	22.39	53.9	23.58	57.7	26.35	61.6	29.83
50	10	34.6	3.78	42.2	4.74	49.5	5.79	53.3	6.37	56.5	6.89	62.9	8.04	69.3	9.33
	12	34.6	3.91	42.2	4.92	49.5	6.01	53.3	6.6	56.5	7.16	62.9	8.36	69.3	9.71
	14	34.6	4.05	42.2	5.11	49.5	6.25	53.3	6.87	56.5	7.47	62.9	8.72	69.3	10.15
	16	34.6	4.22	42.2	5.32	49.5	6.53	53.3	7.18	56.5	7.79	62.9	9.13	69.3	10.65
	18	34.6	4.4	42.2	5.56	49.5	6.83	53.3	7.53	56.5	8.18	62.9	9.6	69.3	11.21
	20	34.6	4.61	42.2	5.84	49.5	7.18	53.3	7.92	56.5	8.62	62.9	10.13	69.3	11.85
	21	34.6	4.72	42.2	5.98	49.5	7.38	53.3	8.14	56.5	8.85	62.9	10.41	69.3	12.2
	23	34.6	4.97	42.2	6.31	49.5	7.8	53.3	8.6	56.5	9.38	62.9	11.05	69.3	12.96
	25	34.6	5.26	42.2	6.68	49.5	8.27	53.3	9.14	56.5	9.97	62.9	11.76	69.3	13.82
	27	34.6	5.58	42.2	7.11	49.5	8.81	53.3	9.74	56.5	10.63	62.9	12.56	69.3	14.78
	29	34.6	5.93	42.2	7.58	49.5	9.41	53.3	10.42	56.5	11.37	62.9	13.44	69.3	15.83
	31	34.6	6.34	42.2	8.11	49.5	10.08	53.3	11.17	56.5	12.19	62.9	14.43	69.3	17.01
	33	34.6	6.79	42.2	8.69	49.5	10.82	53.3	11.99	56.5	13.09	62.9	15.53	69.3	18.31
	35	34.6	7.29	42.2	9.34	49.5	11.64	53.3	12.9	56.5	14.1	62.9	16.72	69.3	19.73
	37	34.6	7.85	42.2	10.06	49.5	12.55	53.3	13.91	56.5	15.2	62.9	18.03	69.3	21.3
	39	34.6	8.46	42.2	10.85	49.5	13.54	53.3	15.01	56.5	16.41	62.9	19.47	69.3	22.99
	43	34.6	9.85	42.2	12.65	49.5	15.78	53.3	17.51	56.5	19.14	62.9	22.71	69.3	26.82
	46	34.6	11.05	42.2	14.19	49.5	17.71	53.3	19.64	56.5	21.13	62	24.7	66.8	28.09
	48	34.6	11.94	42.2	15.33	48.7	18.46	52	20.51	54.1	21.5	57.8	24.15	61	27.09
	50	34	12.62	40.3	15.46	44.8	17.84	46.7	19.5	48.2	20.5	51.4	23.14	54.6	26.07

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM380AXVDGH1EU

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)		Indoor Temperature (°C, DB)									
	DB	WB	16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	-25	-25.1	90.1	36.07	88	37.78	85.9	39.67	83.3	42.15	80.9	44.23
	-22	-22.2	103	39.04	100.9	40.76	98.7	42.66	96	45.13	91.9	46.77
	-20	-20.2	111.7	41.03	109.6	42.75	107.4	44.64	103.3	46.69	97.8	48.06
	-17	-17.3	124.6	44.01	121.8	45.71	118.3	47.2	112.2	48.49	105.3	49.41
	-15	-15.3	132.5	45.78	129.1	47.28	123.9	48.49	117.2	49.5	109.5	50.07
	-12	-12.4	142.7	48.14	137.6	49.07	131.3	49.83	123.6	50.49	116.1	51.06
	-10	-10.5	148.1	49.15	142.4	49.92	135.6	50.49	127.8	51.15	119.5	51.64
	-7	-7.6	155.3	50.49	148.8	50.91	141.3	51.4	133	51.88	124.6	52.37
	-5	-5.6	159.2	51.15	152.3	51.4	144.8	51.88	136.2	52.37	126.8	52.65
	-3	-3.7	162.7	51.64	155.9	51.88	148	52.37	138.4	52.65	127.9	52.65
	0	-0.7	167.9	52.37	160.1	52.51	150.6	52.65	140.2	52.65	129.6	51.96
	3	2.2	170.7	52.65	161.7	52.65	152.5	52.65	141.8	52.08	130.7	49.1
	5	4.1	171.9	52.65	162.8	52.65	153.7	52.65	142.7	50.73	130.7	45.67
	7	6	173.2	52.65	164.1	52.65	154.8	51.58	143.2	48	130.7	42.58
	9	7.9	174.4	52.65	165.1	51.96	155.4	49.92	143.2	44.88	130.7	39.89
11	9.8	175.6	52.3	166	50.76	155.6	46.94	143.2	42.1	130.7	37.5	
13	11.8	176.4	51.34	166.5	48.37	155.6	44.08	143.2	39.63	130.7	35.4	
15	13.7	177.1	49.67	166.5	45.5	155.6	41.57	143.2	37.44	130.7	33.53	
120	-25	-25.1	87.4	38.23	85.4	39.67	83.5	41.67	81.1	43.77	78.2	45.47
	-22	-22.2	100.4	41.21	98.3	42.66	96.4	44.64	92.5	46.32	88.4	47.82
	-20	-20.2	109	43.2	107	44.64	103.6	46.41	99.1	47.89	93.8	48.83
	-17	-17.3	121.1	45.95	118	47.2	113.1	48.49	106.9	49.41	100.2	49.83
	-15	-15.3	128.3	47.52	123.8	48.49	118.3	49.5	111.2	50.07	104.6	50.49
	-12	-12.4	136.6	49.32	131.2	49.83	124.7	50.49	117.7	51.06	110.5	51.4
	-10	-10.5	141.3	50.16	135.5	50.49	129	51.15	121.1	51.64	114.1	51.88
	-7	-7.6	147.4	51.15	141.1	51.4	134.2	51.88	126.4	52.37	118.1	52.51
	-5	-5.6	151	51.64	144.6	51.88	137.6	52.37	128.8	52.65	119.3	52.46
	-3	-3.7	154.5	52.13	147.5	52.37	139.7	52.65	130	52.65	120.2	51.18
	0	-0.7	158.3	52.65	149.9	52.65	141.4	52.65	131.4	51.4	120.7	46.64
	3	2.2	160.1	52.65	151.8	52.65	143	51.41	132.1	47.17	120.7	41.72
	5	4.1	161.3	52.65	152.9	51.76	143.7	49.2	132.1	43.86	120.7	38.85
	7	6	162.3	52.05	153.5	50.13	143.7	45.79	132.1	40.9	120.7	36.29
	9	7.9	163.2	50.84	153.7	47.15	143.7	42.8	132.1	38.32	120.7	34.06
11	9.8	163.8	48.38	153.7	44.14	143.7	40.15	132.1	36.01	120.7	32.09	
13	11.8	163.8	45.39	153.7	41.48	143.7	37.8	132.1	33.97	120.7	30.34	
15	13.7	163.8	42.73	153.7	39.12	143.7	35.71	132.1	32.18	120.7	28.81	
110	-25	-25.1	84.7	40.5	82.8	41.87	80.9	43.56	78.7	45.3	73.2	46.32
	-22	-22.2	97.6	43.48	95.8	44.85	92.7	46.32	89.2	47.65	83.2	48.4
	-20	-20.2	105.9	45.46	103	46.41	99.5	47.89	94.6	48.66	88.3	49.41
	-17	-17.3	116.7	47.8	112.3	48.49	107.3	49.41	101.1	49.83	94.8	50.4
	-15	-15.3	122	48.81	117.2	49.5	111.6	50.07	105.5	50.49	99	51.06
	-12	-12.4	129.2	50.16	123.6	50.49	118	51.06	111.5	51.4	104.4	51.88
	-10	-10.5	133.5	50.82	127.7	51.15	121.6	51.64	115.1	51.88	107.7	52.37
	-7	-7.6	139	51.64	132.9	51.88	126.7	52.37	119.2	52.51	110.1	50.92
	-5	-5.6	142.4	52.13	135.9	52.37	129	52.65	120.2	51.86	110.6	47.93
	-3	-3.7	145.2	52.51	137.7	52.65	130.3	52.42	120.9	49.99	110.6	44.3
	0	-0.7	147.4	52.65	139.5	52.16	131.5	50.03	121.2	44.78	110.6	39.51
	3	2.2	148.9	51.89	140.7	49.66	131.7	44.97	121.2	40.05	110.6	35.4
	5	4.1	149.8	50.31	140.9	46.17	131.7	41.8	121.2	37.29	110.6	33.02
	7	6	150.1	47.27	140.9	42.99	131.7	38.98	121.2	34.82	110.6	30.89
	9	7.9	150.1	44.15	140.9	40.2	131.7	36.51	121.2	32.67	110.6	29.04
11	9.8	150.1	41.36	140.9	37.73	131.7	34.32	121.2	30.77	110.6	27.41	
13	11.8	150.1	38.89	140.9	35.53	131.7	32.38	121.2	29.1	110.6	25.98	
15	13.7	150.1	36.7	140.9	33.59	131.7	30.67	121.2	27.61	110.6	24.72	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM380AXVDGH1EU

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)		Indoor Temperature (°C, DB)									
	DB	WB	16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	-25	-25.1	82	42.66	80.2	44.03	78.1	46.14	73.1	46.04	68.3	45.21
	-22	-22.2	94.4	45.63	91.7	46.58	88.4	48.14	83.3	48.4	78.2	47.28
	-20	-20.2	101.6	47.2	98.2	48.15	93.9	49.07	88.5	49.41	83.2	48.29
	-17	-17.3	110.2	48.99	105.8	49.5	100.3	50.07	95	50.4	89.6	49.28
	-15	-15.3	114.8	49.83	110	50.16	104.7	50.74	99.3	51.06	93.5	49.94
	-12	-12.4	121.2	50.82	116.4	51.15	110.6	51.64	104.8	51.88	98.6	49.7
	-10	-10.5	125.1	51.4	119.8	51.64	114.1	52.13	107.9	52.06	100.6	48.33
	-7	-7.6	130.3	52.13	124.7	52.37	118.3	52.27	109.9	49.61	100.6	43.68
	-5	-5.6	132.9	52.51	126.5	52.59	119.2	50.75	110.2	45.83	100.6	40.34
	-3	-3.7	134.5	52.65	127.4	51.43	119.7	47.72	110.2	42.37	100.6	37.33
	0	-0.7	136	50.92	128.1	47.06	119.7	42.49	110.2	37.78	100.6	33.34
	3	2.2	136.5	46.31	128.1	42.04	119.7	38.01	110.2	33.86	100.6	29.94
	5	4.1	136.5	43.04	128.1	39.11	119.7	35.4	110.2	31.58	100.6	27.96
	7	6	136.5	40.11	128.1	36.48	119.7	33.07	110.2	29.54	100.6	26.21
	9	7.9	136.5	37.54	128.1	34.2	119.7	31.05	110.2	27.77	100.6	24.69
11	9.8	136.5	35.26	128.1	32.16	119.7	29.25	110.2	26.21	100.6	23.35	
13	11.8	136.5	33.25	128.1	30.37	119.7	27.65	110.2	24.85	100.6	22.18	
15	13.7	136.5	31.46	128.1	28.79	119.7	26.27	110.2	23.63	100.6	21.15	
90	-25	-25.1	79.2	44.94	75.8	45.71	72	46.04	67.5	46.02	62.7	43.32
	-22	-22.2	90.1	47.28	86.3	48.06	82.2	48.4	77.3	48.09	71.8	45.39
	-20	-20.2	95.5	48.57	91.7	49.07	87.5	49.41	82.4	49.1	76.6	46.22
	-17	-17.3	102.5	49.75	98.2	50.07	93.9	50.4	88.8	50.09	83.1	47.22
	-15	-15.3	106.8	50.4	102.5	50.74	98.3	51.06	92.6	50.75	86.3	46.51
	-12	-12.4	112.8	51.4	108.1	51.64	103.5	51.88	97.4	50.16	90	44.94
	-10	-10.5	116.3	51.88	111.5	52.13	106.2	51.56	99.1	48.08	90.5	42.28
	-7	-7.6	120.7	52.51	114.5	51.57	107.8	47.99	99.1	42.6	90.5	37.49
	-5	-5.6	121.9	51.83	115.2	49.18	107.8	44.31	99.1	39.35	90.5	34.65
	-3	-3.7	122.6	49.92	115.2	45.44	107.8	40.97	99.1	36.4	90.5	32.09
	0	-0.7	122.8	44.68	115.2	40.48	107.8	36.54	99.1	32.52	90.5	28.71
	3	2.2	122.8	39.94	115.2	36.24	107.8	32.76	99.1	29.19	90.5	25.82
	5	4.1	122.8	37.18	115.2	33.77	107.8	30.58	99.1	27.27	90.5	24.16
	7	6	122.8	34.71	115.2	31.57	107.8	28.61	99.1	25.56	90.5	22.68
	9	7.9	122.8	32.55	115.2	29.65	107.8	26.92	99.1	24.08	90.5	21.41
11	9.8	122.8	30.65	115.2	27.96	107.8	25.41	99.1	22.77	90.5	20.29	
13	11.8	122.8	28.97	115.2	26.46	107.8	24.1	99.1	21.62	90.5	19.3	
15	13.7	122.8	27.49	115.2	25.15	107.8	22.94	99.1	20.62	90.5	18.44	
80	-25	-25.1	72.6	46.04	69.3	46.1	65.6	44.43	61.4	41.73	57.2	39
	-22	-22.2	82.7	48.4	79.3	48.45	75.1	46.5	70.3	43.52	65.5	40.79
	-20	-20.2	87.8	49.41	84.3	49.46	80.1	47.51	75.1	44.36	69.8	41.46
	-17	-17.3	94.4	50.4	90.7	50.46	86.6	48.5	81.3	45.35	75.5	41.83
	-15	-15.3	98.7	51.06	94.9	51.11	90.3	48.87	84.5	44.7	78.6	41.32
	-12	-12.4	104	51.88	100.1	51.34	94.5	47.86	87.9	43.22	80.5	38.82
	-10	-10.5	107	52.12	102.2	49.91	95.7	45.89	88.1	40.66	80.5	35.79
	-7	-7.6	108.9	49.74	102.5	45.1	95.7	40.67	88.1	36.06	80.5	31.76
	-5	-5.6	109.2	46.06	102.5	41.66	95.7	37.59	88.1	33.34	80.5	29.39
	-3	-3.7	109.2	42.58	102.5	38.54	95.7	34.78	88.1	30.89	80.5	27.26
	0	-0.7	109.2	37.98	102.5	34.41	95.7	31.09	88.1	27.64	80.5	24.42
	3	2.2	109.2	34.04	102.5	30.88	95.7	27.94	88.1	24.9	80.5	22.03
	5	4.1	109.2	31.75	102.5	28.84	95.7	26.11	88.1	23.3	80.5	20.65
	7	6	109.2	29.71	102.5	27.02	95.7	24.49	88.1	21.88	80.5	19.41
	9	7.9	109.2	27.93	102.5	25.45	95.7	23.09	88.1	20.67	80.5	18.36
11	9.8	109.2	26.38	102.5	24.07	95.7	21.85	88.1	19.6	80.5	17.44	
13	11.8	109.2	25.01	102.5	22.83	95.7	20.77	88.1	18.66	80.5	16.62	
15	13.7	109.2	23.79	102.5	21.77	95.7	19.83	88.1	17.83	80.5	15.92	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM380AXVDGH1EU

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)		Indoor Temperature (°C, DB)									
	DB	WB	16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	-25	-25.1	65.4	45.42	62.2	43.51	59.1	40.47	55.3	37.49	51.1	34.86
	-22	-22.2	75	47.49	71.3	45.59	67.7	42.26	63.2	39.28	58.6	36.2
	-20	-20.2	79.8	48.32	76.1	46.41	72.1	43.1	67.4	39.95	62.8	36.86
	-17	-17.3	86.3	49.32	82.4	47.41	78.1	44.09	73	40.35	67.9	36.77
	-15	-15.3	89.9	49.9	85.6	46.7	81.3	43.5	75.7	39.88	69.9	35.85
	-12	-12.4	94.3	48.98	89.3	45.13	83.9	41.49	77.1	36.75	70.3	32.39
	-10	-10.5	95.5	46.97	89.7	42.45	83.9	38.25	77.1	33.9	70.3	29.89
	-7	-7.6	95.5	41.61	89.7	37.64	83.9	33.93	77.1	30.1	70.3	26.55
	-5	-5.6	95.5	38.45	89.7	34.8	83.9	31.39	77.1	27.86	70.3	24.58
	-3	-3.7	95.5	35.59	89.7	32.23	83.9	29.09	77.1	25.83	70.3	22.82
	0	-0.7	95.5	31.81	89.7	28.83	83.9	26.06	77.1	23.17	70.3	20.48
	3	2.2	95.5	28.59	89.7	25.95	83.9	23.48	77.1	20.92	70.3	18.51
	5	4.1	95.5	26.72	89.7	24.28	83.9	22	77.1	19.62	70.3	17.39
	7	6	95.5	25.06	89.7	22.8	83.9	20.67	77.1	18.46	70.3	16.38
	9	7.9	95.5	23.63	89.7	21.52	83.9	19.53	77.1	17.48	70.3	15.52
11	9.8	95.5	22.37	89.7	20.4	83.9	18.54	77.1	16.61	70.3	14.77	
13	11.8	95.5	21.26	89.7	19.42	83.9	17.66	77.1	15.84	70.3	14.12	
15	13.7	95.5	20.28	89.7	18.55	83.9	16.9	77.1	15.19	70.3	13.55	
60	-25	-25.1	58	41.4	55.2	38.42	52	36.61	48.4	33.91	44.9	30.84
	-22	-22.2	66.5	43.2	63	40.22	59.6	37.95	55.7	35.24	51.8	32.01
	-20	-20.2	70.8	43.87	67.4	40.87	63.9	38.61	59.8	35.91	55.5	32.67
	-17	-17.3	76.6	44.2	72.7	41.25	69	38.47	64.4	35.34	59.5	31.74
	-15	-15.3	79.8	43.61	75.5	40.77	71.2	37.48	66.1	33.95	60.4	29.88
	-12	-12.4	82	41.58	76.9	37.58	71.8	33.86	66.1	30.05	60.4	26.44
	-10	-10.5	82	38.35	76.9	34.64	71.8	31.24	66.1	27.74	60.4	24.43
	-7	-7.6	82	34.03	76.9	30.77	71.8	27.74	66.1	24.65	60.4	21.72
	-5	-5.6	82	31.47	76.9	28.47	71.8	25.7	66.1	22.83	60.4	20.14
	-3	-3.7	82	29.16	76.9	26.41	71.8	23.84	66.1	21.21	60.4	18.71
	0	-0.7	82	26.13	76.9	23.69	71.8	21.41	66.1	19.06	60.4	16.84
	3	2.2	82	23.56	76.9	21.37	71.8	19.34	66.1	17.25	60.4	15.26
	5	4.1	82	22.07	76.9	20.04	71.8	18.15	66.1	16.2	60.4	14.35
	7	6	82	20.75	76.9	18.87	71.8	17.1	66.1	15.28	60.4	13.55
	9	7.9	82	19.62	76.9	17.86	71.8	16.19	66.1	14.49	60.4	12.87
11	9.8	82	18.63	76.9	16.98	71.8	15.41	66.1	13.81	60.4	12.27	
13	11.8	82	17.76	76.9	16.21	71.8	14.72	66.1	13.21	60.4	11.75	
15	13.7	82	16.99	76.9	15.53	71.8	14.12	66.1	12.67	60.4	11.3	
50	-25	-25.1	49.8	35.51	47.2	33.62	44.5	31.92	41.6	28.51	38.4	26.03
	-22	-22.2	57.1	36.85	54.2	34.95	51.4	33.09	48.2	29.68	44.7	27.03
	-20	-20.2	61.4	37.51	58.3	35.63	55.2	33.24	51.5	29.88	47.9	26.84
	-17	-17.3	66.3	37.4	62.7	35.07	59.1	32.28	54.9	28.6	50.3	25.78
	-15	-15.3	68.2	36.44	64.1	33.69	59.9	30.39	55.1	26.94	50.3	23.74
	-12	-12.4	68.3	32.94	64.1	29.82	59.9	26.9	55.1	23.87	50.3	21.05
	-10	-10.5	68.3	30.4	64.1	27.53	59.9	24.84	55.1	22.04	50.3	19.43
	-7	-7.6	68.3	27	64.1	24.46	59.9	22.09	55.1	19.62	50.3	17.32
	-5	-5.6	68.3	25.01	64.1	22.68	59.9	20.48	55.1	18.2	50.3	16.07
	-3	-3.7	68.3	23.23	64.1	21.06	59.9	19.03	55.1	16.92	50.3	14.95
	0	-0.7	68.3	20.87	64.1	18.94	59.9	17.13	55.1	15.25	50.3	13.48
	3	2.2	68.3	18.88	64.1	17.14	59.9	15.53	55.1	13.83	50.3	12.25
	5	4.1	68.3	17.73	64.1	16.11	59.9	14.59	55.1	13.03	50.3	11.54
	7	6	68.3	16.71	64.1	15.2	59.9	13.78	55.1	12.31	50.3	10.92
	9	7.9	68.3	15.84	64.1	14.43	59.9	13.09	55.1	11.7	50.3	10.39
11	9.8	68.3	15.08	64.1	13.75	59.9	12.48	55.1	11.17	50.3	9.93	
13	11.8	68.3	14.43	64.1	13.15	59.9	11.95	55.1	10.71	50.3	9.53	
15	13.7	68.3	13.85	64.1	12.63	59.9	11.49	55.1	10.31	50.3	9.18	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM400AXVDGH1EU

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)	Indoor Temperature (°C, WB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	10	94.7	13.81	115.1	17.01	135.4	20.52	145.6	22.41	154.4	24.25	171.8	28.33	189.3	33.05
	12	94.7	14.48	115.1	17.92	135.4	21.72	145.6	23.79	154.4	25.8	171.8	30.23	189.3	35.41
	14	94.7	15.23	115.1	18.96	135.4	23.08	145.6	25.35	154.4	27.54	171.8	32.37	189.3	38
	16	94.7	16.09	115.1	20.11	135.4	24.62	145.6	27.08	154.4	29.46	171.8	34.73	189.3	40.87
	18	94.7	17.05	115.1	21.43	135.4	26.31	145.6	29	154.4	31.6	171.8	37.34	189.3	44.02
	20	94.7	18.13	115.1	22.89	135.4	28.21	145.6	31.13	154.4	33.96	171.8	40.21	188	45.92
	21	94.7	18.73	115.1	23.69	135.4	29.24	145.6	32.29	154.4	35.23	171.8	41.75	186.4	46.35
	23	94.7	20.02	115.1	25.39	135.4	31.44	145.6	34.76	154.4	37.96	171.6	44.57	181.1	45.94
	25	94.7	21.43	115.1	27.29	135.4	33.86	145.6	37.48	154.4	40.93	169.4	45.69	174.6	44.83
	27	94.7	23.02	115.1	29.38	135.4	36.5	145.6	40.42	154.4	44.18	164.1	45.28	168	43.72
	29	94.7	24.76	115.1	31.66	135.4	39.39	145.6	43.64	152.3	45.29	157.7	44.16	161.3	42.6
	31	94.7	26.68	115.1	34.16	135.4	42.54	143.9	45.31	147.2	44.89	151	43.05	154.5	41.48
	33	94.7	28.78	115.1	36.88	134.5	44.62	138.6	44.9	140.9	43.77	144.3	41.93	147.8	40.37
	35	94.7	31.06	115.1	39.82	129.5	44.22	132.4	43.78	134.1	42.65	137.6	40.81	141	39.25
	37	94.7	33.54	115.1	43	123.6	43.46	125.6	42.67	127.3	41.53	130.9	39.7	134.4	38.13
	39	94.7	36.22	111.5	42.59	116.9	42.34	118.9	41.55	120.6	40.42	124.2	38.59	127.6	37.02
	43	89.7	38.42	99.3	41.07	103.4	40.11	105.5	39.33	107.3	38.19	110.7	36.35	114.2	34.79
	46	80	36.75	89.3	39.4	93.3	38.43	95.3	37.65	97.2	36.52	100.6	34.68	104.2	33.12
	48	73.3	35.63	82.6	38.27	86.6	37.32	88.6	36.53	90.4	35.4	94	33.56	97.3	32
	50	66.6	34.52	75.8	37.16	80	36.21	82	35.41	83.7	34.28	87.2	32.45	90.6	30.88
120	10	87.3	12.38	106.2	15.27	125.1	18.4	134.4	20.09	142.4	21.71	158.7	25.3	174.7	29.44
	12	87.3	12.97	106.2	16.05	125.1	19.45	134.4	21.27	142.4	23.04	158.7	26.94	174.7	31.44
	14	87.3	13.61	106.2	16.94	125.1	20.6	134.4	22.59	142.4	24.53	158.7	28.77	174.7	33.67
	16	87.3	14.35	106.2	17.93	125.1	21.92	134.4	24.08	142.4	26.18	158.7	30.8	174.7	36.15
	18	87.3	15.18	106.2	19.07	125.1	23.4	134.4	25.75	142.4	28.03	158.7	33.06	174.7	38.88
	20	87.3	16.12	106.2	20.33	125.1	25.03	134.4	27.6	142.4	30.08	158.7	35.55	174.7	41.89
	21	87.3	16.63	106.2	21.02	125.1	25.92	134.4	28.6	142.4	31.19	158.7	36.9	174.7	43.49
	23	87.3	17.74	106.2	22.51	125.1	27.84	134.4	30.75	142.4	33.56	158.7	39.75	174.2	45.96
	25	87.3	18.99	106.2	24.16	125.1	29.95	134.4	33.11	142.4	36.17	158.7	42.89	170.6	46.18
	27	87.3	20.37	106.2	25.98	125.1	32.26	134.4	35.69	142.4	39.01	158.1	45.24	165	45.42
	29	87.3	21.89	106.2	27.99	125.1	34.8	134.4	38.52	142.4	42.12	154.1	45.47	158.4	44.3
	31	87.3	23.57	106.2	30.17	125.1	37.56	134.4	41.59	142	44.44	148.4	44.7	151.6	43.18
	33	87.3	25.4	106.2	32.56	125.1	40.56	133.9	43.9	137.5	44.04	141.7	43.59	144.9	42.07
	35	87.3	27.42	106.2	35.16	124.9	42.82	129.2	43.5	131.7	43.28	134.9	42.47	138.2	40.95
	37	87.3	29.61	106.2	37.98	120.5	42.42	123.3	42.73	125	42.15	128.2	41.36	131.5	39.84
	39	87.3	31.97	106.2	40.48	114.9	41.65	116.6	41.61	118.2	41.04	121.6	40.24	124.7	38.73
	43	85.1	35.38	95.8	39.32	101.3	39.43	103.3	39.39	104.9	38.82	108	38.01	111.3	36.49
	46	76.4	34.27	85.7	37.64	91.3	37.75	93.2	37.71	94.8	37.15	98	36.33	101.2	34.81
	48	69.6	33.15	79	36.52	84.6	36.63	86.5	36.6	88	36.02	91.3	35.22	94.5	33.7
	50	62.9	32.03	72.3	35.41	77.8	35.51	79.7	35.48	81.3	34.91	84.6	34.11	87.8	32.59
110	10	80	11.06	97.3	13.66	114.6	16.46	123.2	17.95	130.7	19.4	145.3	22.56	160.2	26.17
	12	80	11.56	97.3	14.33	114.6	17.35	123.2	18.96	130.7	20.51	145.3	23.94	160.2	27.88
	14	80	12.11	97.3	15.08	114.6	18.34	123.2	20.1	130.7	21.78	145.3	25.49	160.2	29.78
	16	80	12.75	97.3	15.95	114.6	19.46	123.2	21.37	130.7	23.2	145.3	27.24	160.2	31.9
	18	80	13.46	97.3	16.9	114.6	20.72	123.2	22.79	130.7	24.78	145.3	29.17	160.2	34.24
	20	80	14.27	97.3	17.99	114.6	22.13	123.2	24.38	130.7	26.54	145.3	31.33	160.2	36.82
	21	80	14.71	97.3	18.58	114.6	22.9	123.2	25.23	130.7	27.49	145.3	32.49	160.2	38.22
	23	80	15.67	97.3	19.86	114.6	24.55	123.2	27.1	130.7	29.55	145.3	34.97	160.2	41.19
	25	80	16.75	97.3	21.29	114.6	26.37	123.2	29.16	130.7	31.8	145.3	37.69	160.2	44.43
	27	80	17.94	97.3	22.88	114.6	28.38	123.2	31.4	130.7	34.29	145.3	40.66	159.2	46.39
	29	80	19.27	97.3	24.61	114.6	30.6	123.2	33.87	130.7	36.99	145.3	43.9	154.5	45.98
	31	80	20.73	97.3	26.52	114.6	33	123.2	36.56	130.7	39.93	143.8	45.56	148.7	45.22
	33	80	22.34	97.3	28.62	114.6	35.63	123.2	39.47	130.7	43.13	138.5	45.16	142	44.1
	35	80	24.09	97.3	30.89	114.6	38.48	123.2	42.62	127.8	43.6	132.3	44.03	135.3	43
	37	80	26.01	97.3	33.37	114.6	41.55	119.8	42.85	122.4	43.2	125.6	42.92	128.5	41.88
	39	80	28.09	97.3	36.03	111.3	41.77	114.4	42.43	116	42.08	118.9	41.82	121.8	40.76
	43	79.9	32.32	91.2	37.02	99.3	40.25	100.9	40.2	102.5	39.85	105.3	39.58	108.4	38.53
	46	72.7	31.66	81.3	35.35	89.2	38.58	90.9	38.54	92.4	38.17	95.3	37.9	98.3	36.86
	48	66	30.54	74.6	34.24	82.5	37.47	84.2	37.41	85.7	37.07	88.6	36.79	91.6	35.74
	50	59.3	29.42	67.9	33.12	75.7	36.35	77.5	36.3	78.9	35.94	82	35.66	84.9	34.63

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM400AXVDGH1EU

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)	Indoor Temperature (°C, WB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	10	72.8	9.82	88.4	12.14	104.2	14.64	112	15.97	118.7	17.27	132.2	20.05	145.6	23.2
	12	72.8	10.23	88.4	12.71	104.2	15.38	112	16.82	118.7	18.21	132.2	21.2	145.6	24.62
	14	72.8	10.71	88.4	13.34	104.2	16.23	112	17.77	118.7	19.27	132.2	22.52	145.6	26.24
	16	72.8	11.25	88.4	14.07	104.2	17.18	112	18.84	118.7	20.47	132.2	23.99	145.6	28.02
	18	72.8	11.85	88.4	14.9	104.2	18.25	112	20.06	118.7	21.81	132.2	25.63	145.6	30.02
	20	72.8	12.56	88.4	15.81	104.2	19.45	112	21.42	118.7	23.31	132.2	27.47	145.6	32.24
	21	72.8	12.93	88.4	16.32	104.2	20.1	112	22.16	118.7	24.12	132.2	28.46	145.6	33.43
	23	72.8	13.76	88.4	17.42	104.2	21.52	112	23.74	118.7	25.89	132.2	30.59	145.6	35.98
	25	72.8	14.68	88.4	18.65	104.2	23.09	112	25.5	118.7	27.83	132.2	32.94	145.6	38.79
	27	72.8	15.71	88.4	20.01	104.2	24.83	112	27.45	118.7	29.97	132.2	35.5	145.6	41.85
	29	72.8	16.84	88.4	21.52	104.2	26.74	112	29.57	118.7	32.31	132.2	38.31	145.6	45.18
	31	72.8	18.12	88.4	23.16	104.2	28.83	112	31.91	118.7	34.87	132.2	41.36	143.9	46.87
	33	72.8	19.5	88.4	24.97	104.2	31.11	112	34.45	118.7	37.63	132.2	44.21	138.6	46.46
	35	72.8	21.03	88.4	26.95	104.2	33.59	112	37.19	118.7	40.65	128.4	44.42	132.4	45.35
	37	72.8	22.7	88.4	29.1	104.2	36.28	112	40.16	118	42.67	122.9	43.66	125.6	44.22
	39	72.8	24.52	88.4	31.43	104.2	39.17	110.3	41.74	112.8	42.26	116.2	42.55	118.9	43.11
	43	72.8	28.59	85.8	34.78	94.9	38.22	98.7	40.35	100.1	40.38	102.9	40.32	105.5	40.88
	46	68.5	29.13	76.9	33.65	84.7	36.55	88.6	38.68	90	38.7	92.7	38.65	95.3	39.21
	48	62.4	28.02	70.2	32.53	78	35.43	82	37.56	83.3	37.6	86	37.53	88.6	38.09
	50	55.6	26.9	63.5	31.41	71.3	34.31	75.3	36.45	76.6	36.49	79.3	36.41	82	36.98
90	10	65.6	8.49	79.6	10.52	93.7	12.7	100.8	13.86	106.9	14.96	118.9	17.38	131.1	20.09
	12	65.6	8.84	79.6	10.99	93.7	13.32	100.8	14.55	106.9	15.75	118.9	18.32	131.1	21.25
	14	65.6	9.23	79.6	11.52	93.7	14	100.8	15.33	106.9	16.62	118.9	19.4	131.1	22.56
	16	65.6	9.67	79.6	12.12	93.7	14.78	100.8	16.21	106.9	17.6	118.9	20.61	131.1	24.04
	18	65.6	10.18	79.6	12.8	93.7	15.66	100.8	17.21	106.9	18.71	118.9	21.96	131.1	25.68
	20	65.6	10.75	79.6	13.56	93.7	16.66	100.8	18.33	106.9	19.94	118.9	23.48	131.1	27.52
	21	65.6	11.07	79.6	13.98	93.7	17.19	100.8	18.95	106.9	20.62	118.9	24.3	131.1	28.51
	23	65.6	11.74	79.6	14.9	93.7	18.38	100.8	20.26	106.9	22.09	118.9	26.07	131.1	30.64
	25	65.6	12.52	79.6	15.92	93.7	19.68	100.8	21.73	106.9	23.7	118.9	28.02	131.1	32.98
	27	65.6	13.37	79.6	17.05	93.7	21.14	100.8	23.36	106.9	25.49	118.9	30.18	131.1	35.55
	29	65.6	14.33	79.6	18.31	93.7	22.73	100.8	25.15	106.9	27.45	118.9	32.54	131.1	38.35
	31	65.6	15.39	79.6	19.7	93.7	24.49	100.8	27.1	106.9	29.61	118.9	35.12	131.1	41.4
	33	65.6	16.56	79.6	21.23	93.7	26.41	100.8	29.24	106.9	31.95	118.9	37.91	131.1	44.72
	35	65.6	17.84	79.6	22.89	93.7	28.51	100.8	31.57	106.9	34.5	118.9	40.94	128	44.93
	37	65.6	19.25	79.6	24.71	93.7	30.79	100.8	34.1	106.9	37.26	118.1	42.97	122.6	44.54
	39	65.6	20.79	79.6	26.69	93.7	33.25	100.8	36.81	106.8	39.72	112.9	42.56	116	43.42
	43	65.6	24.24	79.5	30.7	89.2	35.21	93.2	37.01	96.2	38.56	100.2	40.69	102.6	41.19
	46	63.8	25.67	72.5	30.01	79.6	33.53	83	35.34	86	36.88	90	39.02	92.5	39.51
	48	58.7	25	65.8	28.88	72.9	32.42	76.4	34.21	79.3	35.77	83.3	37.89	85.7	38.4
	50	52	23.88	59	27.77	66.1	31.31	69.6	33.1	72.6	34.65	76.6	36.78	79	37.28
80	10	58.3	7.28	70.8	9.04	83.3	10.95	89.6	11.94	94.9	12.9	105.7	14.98	116.4	17.32
	12	58.3	7.56	70.8	9.42	83.3	11.44	89.6	12.51	94.9	13.52	105.7	15.75	116.4	18.25
	14	58.3	7.88	70.8	9.86	83.3	11.99	89.6	13.14	94.9	14.23	105.7	16.61	116.4	19.31
	16	58.3	8.25	70.8	10.34	83.3	12.62	89.6	13.86	94.9	15.03	105.7	17.6	116.4	20.5
	18	58.3	8.67	70.8	10.89	83.3	13.35	89.6	14.67	94.9	15.93	105.7	18.68	116.4	21.83
	20	58.3	9.13	70.8	11.52	83.3	14.16	89.6	15.59	94.9	16.94	105.7	19.93	116.4	23.34
	21	58.3	9.39	70.8	11.87	83.3	14.6	89.6	16.09	94.9	17.5	105.7	20.6	116.4	24.15
	23	58.3	9.95	70.8	12.62	83.3	15.57	89.6	17.17	94.9	18.7	105.7	22.06	116.4	25.9
	25	58.3	10.6	70.8	13.46	83.3	16.65	89.6	18.38	94.9	20.03	105.7	23.68	116.4	27.84
	27	58.3	11.29	70.8	14.39	83.3	17.85	89.6	19.72	94.9	21.51	105.7	25.46	116.4	29.96
	29	58.3	12.09	70.8	15.43	83.3	19.18	89.6	21.2	94.9	23.15	105.7	27.43	116.4	32.3
	31	58.3	12.97	70.8	16.58	83.3	20.64	89.6	22.84	94.9	24.93	105.7	29.57	116.4	34.85
	33	58.3	13.95	70.8	17.86	83.3	22.24	89.6	24.62	94.9	26.89	105.7	31.9	116.4	37.62
	35	58.3	15.02	70.8	19.25	83.3	23.99	89.6	26.57	94.9	29.03	105.7	34.45	116.4	40.63
	37	58.3	16.2	70.8	20.78	83.3	25.91	89.6	28.69	94.9	31.35	105.7	37.2	116.4	43.87
	39	58.3	17.49	70.8	22.43	83.3	27.98	89.6	30.98	94.9	33.85	105.7	40.17	111.9	43.47
	43	58.3	20.39	70.8	26.16	82.5	31.32	86.6	33.37	89.8	35.86	95.6	39	99.6	41.59
	46	58.3	22.89	67.2	26.97	74.4	30.15	77.5	32.05	80.2	34.2	85.6	37.33	89.6	39.91
	48	54.4	22.57	61.3	25.85	67.6	29.03	70.7	30.94	73.5	33.07	78.9	36.22	82.9	38.8
	50	48.4	21.46	54.6	24.73	60.9	27.91	64	29.82	66.7	31.96	72.1	35.1	76.2	37.69

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM400AXVDGH1EU

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)	Indoor Temperature (°C, WB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	10	50.9	6.15	62	7.69	72.9	9.3	78.4	10.18	83.1	11.01	92.5	12.79	102	14.78
	12	50.9	6.39	62	8	72.9	9.7	78.4	10.62	83.1	11.5	92.5	13.39	102	15.53
	14	50.9	6.66	62	8.33	72.9	10.15	78.4	11.13	83.1	12.06	92.5	14.08	102	16.36
	16	50.9	6.94	62	8.73	72.9	10.66	78.4	11.71	83.1	12.7	92.5	14.86	102	17.31
	18	50.9	7.28	62	9.18	72.9	11.23	78.4	12.35	83.1	13.42	92.5	15.75	102	18.38
	20	50.9	7.66	62	9.68	72.9	11.89	78.4	13.1	83.1	14.23	92.5	16.73	102	19.58
	21	50.9	7.87	62	9.96	72.9	12.25	78.4	13.49	83.1	14.68	92.5	17.27	102	20.23
	23	50.9	8.33	62	10.57	72.9	13.04	78.4	14.38	83.1	15.66	92.5	18.46	102	21.65
	25	50.9	8.85	62	11.25	72.9	13.9	78.4	15.35	83.1	16.74	92.5	19.77	102	23.22
	27	50.9	9.42	62	12.02	72.9	14.88	78.4	16.44	83.1	17.94	92.5	21.22	102	24.97
	29	50.9	10.07	62	12.86	72.9	15.96	78.4	17.65	83.1	19.27	92.5	22.82	102	26.87
	31	50.9	10.79	62	13.81	72.9	17.17	78.4	18.98	83.1	20.75	92.5	24.58	102	28.97
	33	50.9	11.59	62	14.86	72.9	18.48	78.4	20.45	83.1	22.35	92.5	26.51	102	31.26
	35	50.9	12.47	62	16	72.9	19.92	78.4	22.06	83.1	24.12	92.5	28.61	102	33.75
	37	50.9	13.44	62	17.26	72.9	21.51	78.4	23.81	83.1	26.04	92.5	30.9	102	36.44
	39	50.9	14.51	62	18.64	72.9	23.22	78.4	25.72	83.1	28.12	92.5	33.37	102	39.36
	43	50.9	16.92	62	21.74	72.9	27.08	78.4	29.98	82.3	31.5	88.5	35.53	93.7	39.42
	46	50.9	18.99	61.5	23.31	68.7	27.54	71.8	29.27	74.2	30.32	78.9	33.87	83.6	37.75
48	49.6	19.52	56.8	23.04	62.4	26.42	65.2	28.16	67.6	29.21	72.2	32.74	76.9	36.63	
50	44.7	18.79	50.2	21.92	55.7	25.3	58.5	27.05	60.9	28.09	65.5	31.63	70.2	35.52	
60	10	43.7	5.12	53.1	6.4	62.5	7.79	67.2	8.53	71.3	9.23	79.3	10.74	87.3	12.44
	12	43.7	5.3	53.1	6.64	62.5	8.1	67.2	8.88	71.3	9.62	79.3	11.21	87.3	13
	14	43.7	5.5	53.1	6.91	62.5	8.45	67.2	9.27	71.3	10.06	79.3	11.74	87.3	13.66
	16	43.7	5.74	53.1	7.23	62.5	8.85	67.2	9.73	71.3	10.55	79.3	12.36	87.3	14.4
	18	43.7	6.01	53.1	7.58	62.5	9.31	67.2	10.24	71.3	11.13	79.3	13.04	87.3	15.24
	20	43.7	6.32	53.1	7.98	62.5	9.83	67.2	10.82	71.3	11.77	79.3	13.83	87.3	16.18
	21	43.7	6.48	53.1	8.19	62.5	10.11	67.2	11.13	71.3	12.12	79.3	14.26	87.3	16.7
	23	43.7	6.84	53.1	8.67	62.5	10.72	67.2	11.82	71.3	12.89	79.3	15.18	87.3	17.82
	25	43.7	7.25	53.1	9.22	62.5	11.42	67.2	12.61	71.3	13.75	79.3	16.22	87.3	19.06
	27	43.7	7.72	53.1	9.83	62.5	12.19	67.2	13.48	71.3	14.71	79.3	17.38	87.3	20.44
	29	43.7	8.24	53.1	10.51	62.5	13.07	67.2	14.45	71.3	15.77	79.3	18.67	87.3	21.97
	31	43.7	8.81	53.1	11.27	62.5	14.03	67.2	15.52	71.3	16.96	79.3	20.08	87.3	23.66
	33	43.7	9.45	53.1	12.11	62.5	15.08	67.2	16.71	71.3	18.25	79.3	21.64	87.3	25.5
	35	43.7	10.17	53.1	13.03	62.5	16.25	67.2	18	71.3	19.67	79.3	23.34	87.3	27.52
	37	43.7	10.95	53.1	14.05	62.5	17.53	67.2	19.42	71.3	21.24	79.3	25.2	87.3	29.71
	39	43.7	11.82	53.1	15.17	62.5	18.93	67.2	20.97	71.3	22.93	79.3	27.21	87.3	32.09
	43	43.7	13.78	53.1	17.69	62.5	22.07	67.2	24.47	71.3	26.74	79.3	31.3	85.1	35.52
	46	43.7	15.47	53.1	19.84	62	23.69	64.9	25.91	67.5	27.57	72.3	30.63	76.4	34.4
48	43.7	16.69	51	20.1	57.2	23.41	59.6	25.23	61.6	26.46	65.6	29.52	69.6	33.28	
50	40.2	16.24	45.8	19.38	50.5	22.29	52.9	24.12	54.9	25.34	58.9	28.39	62.9	32.16	
50	10	36.4	4.14	44.3	5.2	52	6.35	56	6.98	59.3	7.55	66	8.81	72.8	10.22
	12	36.4	4.29	44.3	5.4	52	6.6	56	7.24	59.3	7.85	66	9.17	72.8	10.65
	14	36.4	4.45	44.3	5.61	52	6.87	56	7.54	59.3	8.19	66	9.58	72.8	11.14
	16	36.4	4.64	44.3	5.85	52	7.18	56	7.89	59.3	8.56	66	10.04	72.8	11.71
	18	36.4	4.84	44.3	6.12	52	7.52	56	8.28	59.3	8.99	66	10.57	72.8	12.34
	20	36.4	5.08	44.3	6.43	52	7.92	56	8.72	59.3	9.5	66	11.16	72.8	13.06
	21	36.4	5.2	44.3	6.6	52	8.13	56	8.97	59.3	9.76	66	11.48	72.8	13.45
	23	36.4	5.48	44.3	6.97	52	8.61	56	9.49	59.3	10.35	66	12.2	72.8	14.31
	25	36.4	5.81	44.3	7.39	52	9.14	56	10.1	59.3	11.01	66	12.99	72.8	15.28
	27	36.4	6.16	44.3	7.87	52	9.75	56	10.77	59.3	11.75	66	13.89	72.8	16.35
	29	36.4	6.56	44.3	8.39	52	10.42	56	11.53	59.3	12.58	66	14.88	72.8	17.53
	31	36.4	7.02	44.3	8.99	52	11.17	56	12.36	59.3	13.5	66	15.99	72.8	18.84
	33	36.4	7.52	44.3	9.64	52	12	56	13.28	59.3	14.51	66	17.21	72.8	20.3
	35	36.4	8.08	44.3	10.36	52	12.91	56	14.3	59.3	15.63	66	18.54	72.8	21.88
	37	36.4	8.7	44.3	11.16	52	13.92	56	15.43	59.3	16.86	66	20	72.8	23.62
	39	36.4	9.38	44.3	12.05	52	15.02	56	16.65	59.3	18.2	66	21.6	72.8	25.51
	43	36.4	10.92	44.3	14.04	52	17.51	56	19.42	59.3	21.23	66	25.19	72.8	29.74
	46	36.4	12.26	44.3	15.75	52	19.66	56	21.78	59.3	23.47	64.2	26.7	68.5	30.34
48	36.4	13.24	44.3	17.01	50.4	19.91	53	21.44	55.1	23.16	59	26.04	62.4	29.23	
50	35.4	13.5	40.6	16.56	45.3	19.17	47.3	20.32	48.9	22.05	52.2	24.92	55.6	28.11	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM400AXVDGH1EU

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)		Indoor Temperature (°C, DB)									
	DB	WB	16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	-25	-25.1	92.4	38.63	90.2	40.62	87.9	42.64	85.3	45.3	82.7	47.52
	-22	-22.2	106	41.81	103.8	43.8	101.5	45.83	98.6	48.49	94.4	50.27
	-20	-20.2	115.1	43.93	112.9	45.92	110.6	47.95	106.4	50.19	102	51.97
	-17	-17.3	128.7	47.11	125.8	49.09	122.2	50.72	117.5	52.75	110.1	53.71
	-15	-15.3	137.1	49.02	133.6	50.8	129.9	52.43	122.8	53.8	114.6	54.42
	-12	-12.4	148.6	51.59	144.2	53.36	137.5	54.15	129.5	54.86	121.4	55.48
	-10	-10.5	155.4	53.29	149.2	54.24	142.1	54.86	134	55.57	125.1	56.1
	-7	-7.6	163	54.7	156	55.3	148.1	55.84	139.5	56.36	130.5	56.9
	-5	-5.6	167.1	55.4	159.7	55.84	151.9	56.36	143	56.9	133.3	57.23
	-3	-3.7	170.9	55.94	163.4	56.36	155.3	56.9	145.7	57.23	134.9	57.39
	0	-0.7	176.3	56.74	168	57.06	159	57.39	148.1	57.39	136.7	56.7
	3	2.2	180.4	57.23	170.7	57.39	161	57.39	149.7	56.82	137.6	52.51
	5	4.1	181.5	57.39	171.9	57.39	162.3	57.39	150.7	55.12	137.6	48.82
	7	6	182.8	57.39	173.2	57.39	163.4	56.32	150.7	51.29	137.6	45.5
	9	7.9	184.1	57.39	174.3	56.7	163.8	53.56	150.7	47.93	137.6	42.61
11	9.8	185.4	57.04	175.3	55.11	163.8	50.11	150.7	44.95	137.6	40.04	
13	11.8	186.2	56.08	175.3	51.65	163.8	47.04	150.7	42.29	137.6	37.77	
15	13.7	186.7	53.04	175.3	48.56	163.8	44.33	150.7	39.93	137.6	35.76	
120	-25	-25.1	89.6	41.42	87.5	42.97	85.4	44.77	82.9	47.34	79.9	49.15
	-22	-22.2	103.2	44.6	101.1	46.16	99	47.95	95	50.1	91.5	51.71
	-20	-20.2	112.3	46.72	110.2	48.28	106.7	49.86	102.7	51.8	98.1	53.09
	-17	-17.3	125	49.68	121.9	51.04	118.2	52.43	111.7	53.71	104.8	54.15
	-15	-15.3	132.7	51.39	129.5	52.75	123.7	53.8	116.3	54.42	109.4	54.86
	-12	-12.4	143.1	53.62	137.2	54.15	130.5	54.86	123.2	55.48	115.6	55.84
	-10	-10.5	148	54.51	141.8	54.86	135	55.57	126.8	56.1	119.5	56.36
	-7	-7.6	154.5	55.57	147.6	55.84	140.5	56.36	132.4	56.9	123.8	57.06
	-5	-5.6	158.3	56.1	151.4	56.36	144.1	56.9	135.1	57.23	125.8	57.2
	-3	-3.7	162.1	56.64	154.5	56.9	146.7	57.23	137.1	57.39	126.8	55.92
	0	-0.7	166.4	57.23	158	57.39	149.1	57.39	138.6	56.14	127.1	49.92
	3	2.2	169.1	57.39	160	57.39	150.8	56.15	139.1	50.45	127.1	44.63
	5	4.1	170.3	57.39	161.1	56.5	151.2	52.59	139.1	46.9	127.1	41.54
	7	6	171.4	56.79	161.8	53.98	151.2	48.93	139.1	43.71	127.1	38.78
	9	7.9	172.4	55.29	161.8	50.37	151.2	45.72	139.1	40.93	127.1	36.38
11	9.8	172.4	51.67	161.8	47.13	151.2	42.86	139.1	38.45	127.1	34.25	
13	11.8	172.4	48.46	161.8	44.27	151.2	40.33	139.1	36.25	127.1	32.35	
15	13.7	172.4	45.6	161.8	41.73	151.2	38.08	139.1	34.32	127.1	30.7	
110	-25	-25.1	86.7	43.54	84.7	45.3	82.8	46.8	80.4	48.66	74.7	49.75
	-22	-22.2	100.3	46.72	98.4	48.49	95.2	49.77	91.9	51.21	86.3	52.32
	-20	-20.2	109	48.84	106.1	50.19	103	51.48	98.9	52.92	92.6	53.69
	-17	-17.3	120.6	51.39	117.7	52.75	112.2	53.71	105.8	54.15	99.4	54.75
	-15	-15.3	127.6	53.1	122.8	53.8	116.7	54.42	110.4	54.86	103.9	55.46
	-12	-12.4	135.1	54.51	129.6	54.86	123.5	55.48	116.7	55.84	109.6	56.34
	-10	-10.5	139.6	55.21	133.9	55.57	127.2	56.1	120.5	56.36	113.2	56.88
	-7	-7.6	145.5	56.1	139.5	56.36	132.7	56.9	125	57.06	116.4	55.64
	-5	-5.6	149.1	56.64	142.7	56.9	135.4	57.23	126.8	56.6	116.4	51.36
	-3	-3.7	152.2	57.06	145.4	57.23	137.4	57.16	127.6	53.84	116.4	47.45
	0	-0.7	155.4	57.39	147.4	56.9	138.7	53.88	127.6	47.92	116.4	42.3
	3	2.2	157	56.63	148.3	53.16	138.7	48.08	127.6	42.83	116.4	37.88
	5	4.1	158	54.34	148.3	49.36	138.7	44.69	127.6	39.87	116.4	35.3
	7	6	158	50.51	148.3	45.94	138.7	41.65	127.6	37.21	116.4	33.01
	9	7.9	158	47.16	148.3	42.94	138.7	38.99	127.6	34.9	116.4	31.02
11	9.8	158	44.15	148.3	40.28	138.7	36.63	127.6	32.85	116.4	29.25	
13	11.8	158	41.49	148.3	37.91	138.7	34.55	127.6	31.05	116.4	27.7	
15	13.7	158	39.15	148.3	35.83	138.7	32.7	127.6	29.45	116.4	26.34	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM400AXVDGH1EU

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)		Indoor Temperature (°C, DB)									
	DB	WB	16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100	-25	-25.1	83.9	45.83	82	47.6	79.8	49.59	74.6	48.63	69.5	47.5
	-22	-22.2	96.9	49.01	94.2	50.36	91.4	52.14	86.2	51.2	81	50.06
	-20	-20.2	104.6	50.72	101.8	52.06	98.4	53.36	92.5	52.57	86.4	51.44
	-17	-17.3	115.5	53.28	110.6	53.8	105.2	54.42	99.4	53.63	93.2	52.5
	-15	-15.3	120.3	54.15	115.1	54.51	109.8	55.13	103.9	54.34	97.3	53.2
	-12	-12.4	127.1	55.21	121.8	55.57	116	56.1	109.7	55.23	102.8	53.03
	-10	-10.5	131.2	55.84	125.5	56.1	119.7	56.64	113	55.45	104.9	51.7
	-7	-7.6	136.8	56.64	130.6	56.9	124.3	56.85	116	53.21	105.9	46.8
	-5	-5.6	139.6	57.06	133.4	57.17	126	55.29	116	49.11	105.9	43.22
	-3	-3.7	142.1	57.39	134.4	56.17	126	51.08	116	45.39	105.9	39.98
	0	-0.7	143.6	55.53	134.9	50.35	126	45.47	116	40.45	105.9	35.69
	3	2.2	143.6	49.52	134.9	44.95	126	40.65	116	36.23	105.9	32.03
	5	4.1	143.6	46.01	134.9	41.8	126	37.84	116	33.77	105.9	29.89
	7	6	143.6	42.86	134.9	38.98	126	35.34	116	31.57	105.9	28
	9	7.9	143.6	40.1	134.9	36.52	126	33.16	116	29.66	105.9	26.36
11	9.8	143.6	37.64	134.9	34.33	126	31.22	116	27.98	105.9	24.91	
13	11.8	143.6	35.47	134.9	32.4	126	29.5	116	26.5	105.9	23.64	
15	13.7	143.6	33.55	134.9	30.7	126	28.01	116	25.18	105.9	22.52	
90	-25	-25.1	80.9	48.58	77.4	48.67	73.4	47.82	68.7	47.3	63.6	44.75
	-22	-22.2	92.6	51.12	89	51.23	84.9	50.38	80.2	49.86	74.5	47.3
	-20	-20.2	99.8	52.83	95.8	52.94	91.2	51.76	85.6	51.24	79.6	48.18
	-17	-17.3	107.2	54.07	102.7	54	97.9	52.82	92.3	52.3	86.3	49.25
	-15	-15.3	111.7	54.77	107.2	54.71	102.6	53.52	96.4	53	89.8	48.58
	-12	-12.4	118.1	55.84	113.2	55.68	108.1	54.41	101.5	52.47	93.9	47.08
	-10	-10.5	121.7	56.36	116.8	56.22	111.1	54.14	103.6	50.44	95.3	45.35
	-7	-7.6	126.5	57.06	120.8	55.73	113.4	51.43	104.4	45.67	95.3	40.2
	-5	-5.6	128.5	56.57	121.3	52.66	113.4	47.47	104.4	42.18	95.3	37.15
	-3	-3.7	129.3	53.73	121.3	48.64	113.4	43.88	104.4	39.01	95.3	34.39
	0	-0.7	129.3	47.8	121.3	43.32	113.4	39.12	104.4	34.82	95.3	30.75
	3	2.2	129.3	42.71	121.3	38.76	113.4	35.05	104.4	31.24	95.3	27.63
	5	4.1	129.3	39.75	121.3	36.11	113.4	32.69	104.4	29.17	95.3	25.84
	7	6	129.3	37.09	121.3	33.74	113.4	30.57	104.4	27.32	95.3	24.24
	9	7.9	129.3	34.77	121.3	31.68	113.4	28.74	104.4	25.72	95.3	22.86
11	9.8	129.3	32.72	121.3	29.85	113.4	27.11	104.4	24.3	95.3	21.65	
13	11.8	129.3	30.91	121.3	28.24	113.4	25.7	104.4	23.06	95.3	20.58	
15	13.7	129.3	29.31	121.3	26.82	113.4	24.44	104.4	21.97	95.3	19.65	
80	-25	-25.1	74	48.73	70.6	47.68	66.7	45.91	62.3	42.78	57.8	41.2
	-22	-22.2	85.7	51.3	82.1	50.24	78	48.47	73	45.34	67.9	43.43
	-20	-20.2	91.8	52.67	87.6	51.61	83.2	49.53	77.9	46.22	72.4	44.15
	-17	-17.3	98.8	53.73	94.4	52.68	90	50.59	84.5	47.28	78.5	44.58
	-15	-15.3	103.2	54.44	98.7	53.37	93.9	50.99	87.9	46.67	81.8	44.12
	-12	-12.4	108.9	55.32	104.3	53.67	98.5	50.05	91.7	45.26	84.7	41.68
	-10	-10.5	112.1	55.61	106.6	52.29	100.5	48.13	92.7	43.61	84.7	38.43
	-7	-7.6	114.9	53.44	107.9	48.35	100.8	43.6	92.7	38.66	84.7	34.09
	-5	-5.6	114.9	49.33	107.9	44.65	100.8	40.28	92.7	35.73	84.7	31.53
	-3	-3.7	114.9	45.59	107.9	41.3	100.8	37.26	92.7	33.1	84.7	29.22
	0	-0.7	114.9	40.64	107.9	36.85	100.8	33.28	92.7	29.6	84.7	26.16
	3	2.2	114.9	36.41	107.9	33.04	100.8	29.9	92.7	26.64	84.7	23.57
	5	4.1	114.9	33.95	107.9	30.84	100.8	27.92	92.7	24.91	84.7	22.08
	7	6	114.9	31.75	107.9	28.88	100.8	26.17	92.7	23.38	84.7	20.74
	9	7.9	114.9	29.84	107.9	27.18	100.8	24.66	92.7	22.07	84.7	19.6
11	9.8	114.9	28.16	107.9	25.68	100.8	23.32	92.7	20.91	84.7	18.59	
13	11.8	114.9	26.68	107.9	24.35	100.8	22.15	92.7	19.89	84.7	17.71	
15	13.7	114.9	25.37	107.9	23.19	100.8	21.12	92.7	18.99	84.7	16.94	

The performance table shows the average value of each conditions.

1. Capacity table

Essential

AM400AXVDGH1EU

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°C)		Indoor Temperature (°C, DB)									
	DB	WB	16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70	-25	-25.1	66.5	46.96	63.1	44.94	59.8	41.82	55.8	38.77	52	36.05
	-22	-22.2	77.9	49.52	74	47.5	70.2	44.05	65.5	41	60.8	37.79
	-20	-20.2	82.9	50.4	79	48.36	74.9	44.94	70	41.7	65.2	38.49
	-17	-17.3	89.7	51.46	85.7	49.43	81.2	46	75.9	42.17	70.6	38.46
	-15	-15.3	93.6	52.08	89.1	48.77	84.6	45.45	78.8	41.75	72.8	37.59
	-12	-12.4	98.3	51.23	93.1	47.27	88	43.51	81.1	39.48	74	34.81
	-10	-10.5	100.4	49.27	94.4	45.52	88.3	41.02	81.1	36.41	74	32.12
	-7	-7.6	100.6	44.61	94.4	40.35	88.3	36.37	81.1	32.31	74	28.51
	-5	-5.6	100.6	41.21	94.4	37.29	88.3	33.64	81.1	29.9	74	26.39
	-3	-3.7	100.6	38.13	94.4	34.53	88.3	31.16	81.1	27.7	74	24.48
	0	-0.7	100.6	34.06	94.4	30.87	88.3	27.9	81.1	24.83	74	21.96
	3	2.2	100.6	30.59	94.4	27.76	88.3	25.12	81.1	22.39	74	19.82
	5	4.1	100.6	28.57	94.4	25.96	88.3	23.51	81.1	20.99	74	18.61
	7	6	100.6	26.78	94.4	24.36	88.3	22.08	81.1	19.73	74	17.51
	9	7.9	100.6	25.23	94.4	22.98	88.3	20.85	81.1	18.66	74	16.58
11	9.8	100.6	23.87	94.4	21.77	88.3	19.77	81.1	17.72	74	15.76	
13	11.8	100.6	22.67	94.4	20.7	88.3	18.82	81.1	16.88	74	15.05	
15	13.7	100.6	21.61	94.4	19.76	88.3	18	81.1	16.17	74	14.42	
60	-25	-25.1	58.7	42.77	55.8	39.74	52.8	37.55	49.4	35.05	46.2	31.88
	-22	-22.2	68.9	45	65.3	41.98	61.8	39.62	57.7	36.78	53.6	33.44
	-20	-20.2	73.5	45.71	69.9	42.68	66.2	40.32	62.1	37.49	57.6	34.15
	-17	-17.3	79.6	46.11	75.6	43.13	71.7	40.25	67	36.99	61.9	33.28
	-15	-15.3	83.1	45.57	78.6	42.69	74.2	39.31	69.1	35.65	63.6	32.14
	-12	-12.4	86.3	43.61	80.9	40.37	75.6	36.4	69.6	32.29	63.6	28.44
	-10	-10.5	86.3	41.13	80.9	37.21	75.6	33.56	69.6	29.8	63.6	26.26
	-7	-7.6	86.3	36.48	80.9	33.03	75.6	29.8	69.6	26.47	63.6	23.35
	-5	-5.6	86.3	33.73	80.9	30.56	75.6	27.59	69.6	24.51	63.6	21.63
	-3	-3.7	86.3	31.25	80.9	28.33	75.6	25.58	69.6	22.75	63.6	20.08
	0	-0.7	86.3	27.98	80.9	25.39	75.6	22.95	69.6	20.43	63.6	18.06
	3	2.2	86.3	25.2	80.9	22.88	75.6	20.71	69.6	18.47	63.6	16.35
	5	4.1	86.3	23.6	80.9	21.44	75.6	19.42	69.6	17.32	63.6	15.36
	7	6	86.3	22.17	80.9	20.17	75.6	18.28	69.6	16.33	63.6	14.49
	9	7.9	86.3	20.94	80.9	19.07	75.6	17.3	69.6	15.47	63.6	13.75
11	9.8	86.3	19.87	80.9	18.12	75.6	16.44	69.6	14.73	63.6	13.1	
13	11.8	86.3	18.93	80.9	17.27	75.6	15.69	69.6	14.08	63.6	12.53	
15	13.7	86.3	18.1	80.9	16.53	75.6	15.04	69.6	13.49	63.6	12.04	
50	-25	-25.1	50.7	37.61	48.4	34.77	45.9	32.97	42.9	30.45	39.6	27.12
	-22	-22.2	59.2	39.34	56.2	36.49	53.3	34.54	49.9	31.69	46.3	28.18
	-20	-20.2	63.7	40.05	60.5	37.21	57.2	34.73	53.4	31.93	49.6	28.04
	-17	-17.3	68.9	40.01	65.2	36.72	61.5	33.84	57.2	30.72	52.9	27.05
	-15	-15.3	71	39.1	67.2	35.38	63.1	32.68	58	29	52.9	25.54
	-12	-12.4	71.9	35.4	67.4	32.06	63.1	28.92	58	25.68	52.9	22.63
	-10	-10.5	71.9	32.66	67.4	29.59	63.1	26.7	58	23.7	52.9	20.89
	-7	-7.6	71.9	29	67.4	26.28	63.1	23.72	58	21.08	52.9	18.61
	-5	-5.6	71.9	26.85	67.4	24.35	63.1	21.99	58	19.54	52.9	17.25
	-3	-3.7	71.9	24.92	67.4	22.6	63.1	20.42	58	18.16	52.9	16.04
	0	-0.7	71.9	22.37	67.4	20.3	63.1	18.37	58	16.34	52.9	14.45
	3	2.2	71.9	20.21	67.4	18.36	63.1	16.62	58	14.81	52.9	13.12
	5	4.1	71.9	18.96	67.4	17.24	63.1	15.61	58	13.93	52.9	12.34
	7	6	71.9	17.86	67.4	16.25	63.1	14.73	58	13.15	52.9	11.67
	9	7.9	71.9	16.91	67.4	15.41	63.1	13.98	58	12.49	52.9	11.1
11	9.8	71.9	16.09	67.4	14.67	63.1	13.32	58	11.91	52.9	10.59	
13	11.8	71.9	15.38	67.4	14.02	63.1	12.73	58	11.4	52.9	10.16	
15	13.7	71.9	14.75	67.4	13.45	63.1	12.23	58	10.97	52.9	9.78	

The performance table shows the average value of each conditions.

2. Capacity correction

2-1. Pipe length & level difference corrections

14HP
Cooling



Level Difference (m)	Pipe Length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	
110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	-	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.85	0.85	0.84	0.83	0.83	0.83
90	-	-	-	-	-	-	-	-	-	-	0.92	0.91	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85	0.84	0.84	0.83
80	-	-	-	-	-	-	-	-	-	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.85	0.85	0.84	0.83
70	-	-	-	-	-	-	-	-	0.94	0.93	0.92	0.91	0.90	0.89	0.89	0.88	0.88	0.87	0.86	0.86	0.85	0.84	0.84	0.83
60	-	-	-	-	-	-	0.95	0.94	0.93	0.93	0.92	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85	0.85	0.84	0.84	0.83
50	-	-	-	-	0.96	0.95	0.94	0.94	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.88	0.87	0.87	0.86	0.85	0.85	0.84	0.84
40	-	-	-	0.97	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85	0.85	0.84	0.84
30	-	-	0.98	0.97	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.89	0.88	0.88	0.87	0.87	0.86	0.86	0.85	0.85	0.84	0.84
20	-	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.86	0.85	0.85	0.84	0.84
10	-	1.00	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.92	0.91	0.90	0.89	0.89	0.88	0.88	0.87	0.87	0.86	0.86	0.85	0.85	0.84
0	1.00	1.00	0.99	0.98	0.98	0.97	0.96	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.86	0.85	0.85
-10	-	1.00	0.99	0.98	0.98	0.97	0.96	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.86	0.85	0.85
-20	-	0.99	0.99	0.98	0.97	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.89	0.88	0.88	0.87	0.87	0.86	0.86	0.85
-30	-	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.88	0.87	0.87	0.86	0.86	0.85	0.85	0.84
-40	-	0.98	0.98	0.97	0.96	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.88	0.87	0.87	0.86	0.86	0.85	0.85	0.84
-50	-	0.98	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.88	0.87	0.87	0.86	0.86	0.85	0.85	0.84

Heating



Level Difference (m)	Pipe Length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	
110	-	-	-	-	-	-	-	-	-	-	-	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.93	0.92	0.92
100	-	-	-	-	-	-	-	-	-	-	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.93	0.92	0.92
90	-	-	-	-	-	-	-	-	-	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.93	0.92	0.92
80	-	-	-	-	-	-	-	-	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.93	0.92	0.92
70	-	-	-	-	-	-	-	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.93	0.92	0.92
60	-	-	-	-	-	0.98	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.93	0.92	0.92
50	-	-	-	-	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.93	0.92	0.92
40	-	-	-	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.93	0.92	0.92
30	-	-	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.93	0.92	0.92
20	-	1.00	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.93	0.92	0.92
10	-	1.00	1.00	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.93	0.92	0.92
0	1.00	1.00	1.00	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.93	0.92	0.92
-10	-	1.00	1.00	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.93	0.92	0.92
-20	-	1.00	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.93	0.92	0.92
-30	-	0.99	0.99	0.98	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.93	0.92	0.92
-40	-	0.99	0.98	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.93	0.92	0.92
-50	-	0.98	0.98	0.98	0.98	0.97	0.97	0.97	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.93	0.92	0.92

16HP
Cooling



Level Difference (m)	Pipe Length (m)																							
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	
110	-	-	-	-	-	-	-	-	-	-	-	0.88	0.87	0.86	0.85	0.85	0.84	0.83	0.82	0.81	0.81	0.80	0.79	0.79
100	-	-	-	-	-	-	-	-	-	-	0.89	0.88	0.87	0.87	0.86	0.85	0.84	0.83	0.82	0.82	0.81	0.80	0.79	0.79
90	-	-	-	-	-	-	-	-	-	0.90	0.89	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.83	0.82	0.81	0.80	0.79	0.79
80	-	-	-	-	-	-	-	-	0.91	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.84	0.83	0.82	0.81	0.81	0.80	0.80
70	-	-	-	-	-	-	-	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.86	0.85	0.84	0.83	0.82	0.82	0.81	0.80	0.80
60	-	-	-	-	-	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.87	0.86	0.86	0.85	0.84	0.83	0.83	0.82	0.81	0.80	0.80
50	-	-	-	-	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.89	0.88	0.87	0.86	0.86	0.85	0.84	0.84	0.83	0.82	0.81	0.81	0.81
40	-	-	-	0.96	0.95	0.94	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.85	0.84	0.83	0.82	0.82	0.81	0.81	0.81
30	-	-	0.97	0.96	0.95	0.94	0.93	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.87	0.86	0.85	0.84	0.83	0.83	0.82	0.81	0.81	0.81
20	-	0.98	0.97	0.96	0.95	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.85	0.84	0.84	0.83	0.82	0.81	0.81	0.81
10	-	1.00	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.89	0.88	0.87	0.86	0.85	0.85	0.84	0.83	0.82	0.82	0.82
0	1.00	1.00	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.87	0.86	0.86	0.85	0.84	0.83	0.83	0.82	0.82
-10	-	1.00	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.84	0.83	0.82	0.82	0.82
-20	-	0.99	0.98	0.97	0.96	0.95	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.89	0.88	0.87	0.86	0.85	0.85	0.84	0.83	0.83	0.82	0.82
-30	-	0.98	0.97	0.96	0.95	0.94	0.93	0.93	0.92	0.91	0.90	0.90	0.89	0.89	0.88	0.87	0.86	0.86	0.85	0.84	0.83	0.83	0.83	0.83
-40	-	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.86	0.85	0.84	0.84	0.83	0.83	0.83
-50	-	0.97	0.96	0.95	0.94	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.88	0.87	0.86	0.85	0.85	0.84	0.84	0.83	0.83

Heating



Level Difference (m)	Pipe Length (m)																					
	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210
110	-	-	-</																			

2. Capacity correction

2-1. Pipe length & level difference corrections

18HP
Cooling



Level Difference (m)		Pipe Length (m)																							
		7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	
110	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	100	-	-	-	-	-	-	-	-	-	-	-	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75
	90	-	-	-	-	-	-	-	-	-	-	-	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76
	80	-	-	-	-	-	-	-	-	-	-	0.90	0.89	0.88	0.87	0.86	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76
	70	-	-	-	-	-	-	-	-	-	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77
	60	-	-	-	-	-	-	-	-	0.93	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77
	50	-	-	-	-	-	0.94	0.93	0.92	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75
	40	-	-	-	-	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76
	30	-	-	-	0.97	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76
	20	-	-	0.98	0.97	0.96	0.95	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76
	10	-	0.99	0.98	0.97	0.96	0.95	0.94	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76
0	1.00	1.00	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76	
-10	-	1.00	0.99	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76	
-20	-	-	0.99	0.98	0.97	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	
-30	-	-	-	0.98	0.97	0.96	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	
-40	-	-	-	-	0.97	0.96	0.95	0.94	0.93	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	
-50	-	-	-	-	-	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	

Heating



Level Difference (m)		Pipe Length (m)																							
		7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	
110	110	-	-	-	-	-	-	-	-	-	-	-	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89	0.88	0.88	
	100	-	-	-	-	-	-	-	-	-	-	0.95	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89	0.88	0.88	
	90	-	-	-	-	-	-	-	-	-	-	0.95	0.95	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.89	0.88	0.88	
	80	-	-	-	-	-	-	-	-	-	0.96	0.95	0.95	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.89	0.88	0.88	
	70	-	-	-	-	-	-	-	-	-	0.96	0.96	0.95	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.89	0.88	0.88	
	60	-	-	-	-	-	-	-	-	0.97	0.96	0.96	0.95	0.95	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.89	0.88	0.88
	50	-	-	-	-	-	0.98	0.97	0.96	0.96	0.95	0.95	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89	0.88	0.88	
	40	-	-	-	-	0.98	0.98	0.97	0.96	0.96	0.95	0.95	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89	0.88	0.88	
	30	-	-	-	0.99	0.98	0.98	0.97	0.96	0.96	0.95	0.95	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89	0.88	0.88	
	20	-	-	0.99	0.99	0.98	0.98	0.97	0.96	0.96	0.95	0.95	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89	0.88	0.88	
	10	-	1.00	0.99	0.99	0.98	0.98	0.97	0.96	0.96	0.95	0.95	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89	0.88	0.88	
0	1.00	1.00	0.99	0.99	0.98	0.98	0.97	0.96	0.96	0.95	0.95	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89	0.88	0.88		
-10	-	1.00	0.99	0.99	0.98	0.98	0.97	0.96	0.96	0.95	0.95	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89	0.88	0.88		
-20	-	-	0.99	0.99	0.98	0.98	0.97	0.96	0.96	0.95	0.95	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89	0.88	0.88		
-30	-	-	-	0.99	0.98	0.98	0.97	0.96	0.96	0.95	0.95	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89	0.88	0.88		
-40	-	-	-	-	0.98	0.98	0.97	0.96	0.96	0.95	0.95	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89	0.88	0.88		
-50	-	-	-	-	-	0.98	0.97	0.96	0.96	0.95	0.95	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89	0.88	0.88		

20HP
Cooling



Level Difference (m)		Pipe Length (m)																							
		7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	
110	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	100	-	-	-	-	-	-	-	-	-	-	-	0.85	0.84	0.83	0.81	0.80	0.79	0.78	0.77	0.75	0.74	0.73	0.72	0.71
	90	-	-	-	-	-	-	-	-	-	-	0.87	0.85	0.84	0.83	0.82	0.80	0.79	0.78	0.77	0.76	0.75	0.74	0.72	0.71
	80	-	-	-	-	-	-	-	-	-	-	0.88	0.87	0.85	0.84	0.83	0.82	0.81	0.79	0.78	0.77	0.76	0.75	0.74	0.72
	70	-	-	-	-	-	-	-	-	-	0.90	0.88	0.87	0.86	0.84	0.83	0.82	0.81	0.80	0.79	0.77	0.76	0.75	0.74	0.72
	60	-	-	-	-	-	-	-	-	-	0.91	0.90	0.89	0.87	0.86	0.85	0.84	0.82	0.81	0.80	0.79	0.78	0.77	0.75	0.74
	50	-	-	-	-	-	-	-	-	0.93	0.91	0.90	0.89	0.87	0.86	0.85	0.84	0.83	0.81	0.80	0.79	0.78	0.77	0.76	0.74
	40	-	-	-	-	0.94	0.93	0.92	0.90	0.89	0.88	0.86	0.85	0.84	0.83	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.74	0.73	
	30	-	-	-	0.96	0.95	0.93	0.92	0.91	0.89	0.88	0.87	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.77	0.76	0.75	0.74	0.73	
	20	-	-	0.98	0.96	0.95	0.93	0.92	0.91	0.89	0.88	0.87	0.86	0.85	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.73	
	10	-	0.99	0.98	0.96	0.95	0.94	0.92	0.91	0.89	0.88	0.87	0.86	0.85	0.84	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.74	
0	1.00	1.00	0.98	0.97	0.95	0.94	0.93	0.91	0.90	0.89	0.87	0.86	0.85	0.84	0.83	0.82	0.80	0.79	0.78	0.77	0.76	0.75	0.74		
-10	-	1.00	0.98	0.97	0.95	0.94	0.93	0.91	0.90	0.89	0.88	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.77	0.76	0.75	0.74		
-20	-	-	0.99	0.97	0.96	0.94	0.93	0.92	0.90	0.89	0.88	0.87	0.86	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75		
-30	-	-	-	0.97	0.96	0.95	0.93	0.92	0.91	0.89	0.88	0.87	0.86	0.85	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75		
-40	-	-	-	-	0.96	0.95	0.93	0.92	0.91	0.90	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.80	0.79	0.78	0.77	0.76	0.75		
-50	-	-	-	-	-	0.95	0.94	0.92	0.91	0.90	0.89	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76		

Heating



Level Difference (m)		Pipe Length (m)																							
		7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	
110	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	100	-	-	-	-	-	-	-	-	-	-	-	0.94	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.85
	90	-	-	-	-	-	-	-	-	-	-	-	0.94	0.94	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.87	0.86	0.85
	80	-	-	-	-																				

2. Capacity correction

2-1. Pipe length & level difference corrections

22HP
Cooling



Level Difference (m)		Pipe Length (m)																						
		7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220
110	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	100	-	-	-	-	-	-	-	-	-	-	0.83	0.81	0.80	0.78	0.77	0.76	0.74	0.73	0.72	0.71	0.69	0.68	0.67
	90	-	-	-	-	-	-	-	-	-	0.84	0.83	0.82	0.80	0.79	0.77	0.76	0.75	0.73	0.72	0.71	0.70	0.68	0.67
	80	-	-	-	-	-	-	-	-	0.86	0.85	0.83	0.82	0.80	0.79	0.78	0.76	0.75	0.74	0.72	0.71	0.70	0.69	0.67
	70	-	-	-	-	-	-	-	0.88	0.86	0.85	0.83	0.82	0.81	0.79	0.78	0.77	0.75	0.74	0.73	0.71	0.70	0.69	0.68
	60	-	-	-	-	-	-	0.90	0.88	0.87	0.85	0.84	0.82	0.81	0.79	0.78	0.77	0.75	0.74	0.73	0.72	0.70	0.69	0.68
	50	-	-	-	-	0.92	0.90	0.88	0.87	0.85	0.84	0.83	0.81	0.80	0.78	0.77	0.76	0.74	0.73	0.72	0.71	0.70	0.69	0.68
	40	-	-	-	0.94	0.92	0.90	0.89	0.87	0.86	0.84	0.83	0.81	0.80	0.79	0.77	0.76	0.75	0.74	0.72	0.71	0.70	0.69	0.68
	30	-	-	0.95	0.94	0.92	0.90	0.89	0.87	0.86	0.84	0.83	0.82	0.80	0.79	0.78	0.76	0.75	0.74	0.73	0.71	0.70	0.69	0.68
	20	-	0.97	0.96	0.94	0.92	0.91	0.89	0.88	0.86	0.85	0.83	0.82	0.81	0.79	0.78	0.77	0.75	0.74	0.73	0.72	0.70	0.69	0.68
	10	-	0.99	0.98	0.96	0.94	0.93	0.91	0.89	0.88	0.86	0.85	0.84	0.82	0.81	0.79	0.78	0.77	0.76	0.74	0.73	0.72	0.71	0.70
0	1.00	1.00	0.98	0.96	0.94	0.93	0.91	0.90	0.88	0.87	0.85	0.84	0.82	0.81	0.80	0.78	0.77	0.76	0.75	0.73	0.72	0.71	0.70	
-10	-	1.00	0.98	0.96	0.95	0.93	0.91	0.90	0.88	0.87	0.85	0.84	0.83	0.81	0.80	0.79	0.77	0.76	0.75	0.74	0.73	0.72	0.71	
-20	-	-	0.98	0.96	0.95	0.93	0.92	0.90	0.89	0.87	0.86	0.84	0.83	0.82	0.80	0.79	0.78	0.76	0.75	0.74	0.73	0.72	0.71	
-30	-	-	-	0.97	0.95	0.93	0.92	0.90	0.89	0.87	0.86	0.85	0.83	0.82	0.81	0.79	0.78	0.77	0.76	0.74	0.73	0.72	0.71	
-40	-	-	-	-	0.95	0.93	0.92	0.91	0.89	0.88	0.86	0.85	0.83	0.82	0.81	0.80	0.78	0.77	0.76	0.75	0.73	0.72	0.71	
-50	-	-	-	-	-	0.94	0.92	0.91	0.89	0.88	0.86	0.85	0.84	0.82	0.81	0.80	0.79	0.77	0.76	0.75	0.74	0.73	0.71	

Heating



Level Difference (m)		Pipe Length (m)																						
		7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220
110	110	-	-	-	-	-	-	-	-	-	-	-	0.91	0.91	0.90	0.89	0.88	0.87	0.87	0.86	0.85	0.84	0.83	0.83
	100	-	-	-	-	-	-	-	-	-	-	0.92	0.91	0.91	0.90	0.89	0.88	0.87	0.87	0.86	0.85	0.84	0.83	0.83
	90	-	-	-	-	-	-	-	-	-	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.87	0.87	0.86	0.85	0.84	0.83	0.83
	80	-	-	-	-	-	-	-	-	0.94	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.87	0.87	0.86	0.85	0.84	0.83	0.83
	70	-	-	-	-	-	-	-	0.95	0.94	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.87	0.87	0.86	0.85	0.84	0.83	0.83
	60	-	-	-	-	-	-	0.96	0.95	0.94	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.87	0.87	0.86	0.85	0.84	0.83	0.83
	50	-	-	-	-	0.96	0.96	0.95	0.94	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.87	0.87	0.86	0.85	0.84	0.83	0.83	0.83
	40	-	-	-	0.97	0.96	0.96	0.95	0.94	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.87	0.87	0.86	0.85	0.84	0.83	0.83	0.83
	30	-	-	0.98	0.97	0.96	0.96	0.95	0.94	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.87	0.87	0.86	0.85	0.84	0.83	0.83	0.83
	20	-	0.99	0.98	0.97	0.96	0.96	0.95	0.94	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.87	0.87	0.86	0.85	0.84	0.83	0.83	0.83
	10	-	1.00	0.99	0.98	0.97	0.96	0.96	0.95	0.94	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.87	0.87	0.86	0.85	0.84	0.83	0.83
0	1.00	1.00	0.99	0.98	0.97	0.96	0.96	0.95	0.94	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.87	0.87	0.86	0.85	0.84	0.83	0.83	
-10	-	1.00	0.99	0.98	0.97	0.96	0.96	0.95	0.94	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.87	0.87	0.86	0.85	0.84	0.83	0.83	
-20	-	-	0.99	0.98	0.97	0.96	0.96	0.95	0.94	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.87	0.87	0.86	0.85	0.84	0.83	0.83	
-30	-	-	-	0.98	0.97	0.96	0.96	0.95	0.94	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.87	0.87	0.86	0.85	0.84	0.83	0.83	
-40	-	-	-	-	0.97	0.96	0.96	0.95	0.94	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.87	0.87	0.86	0.85	0.84	0.83	0.83	
-50	-	-	-	-	-	0.96	0.96	0.95	0.94	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.87	0.87	0.86	0.85	0.84	0.83	0.83	

24HP
Cooling



Level Difference (m)		Pipe Length (m)																					
		7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210
110	110	-	-	-	-	-	-	-	-	-	-	-	0.90	0.90	0.89	0.88	0.87	0.86	0.86	0.85	0.84	0.84	0.83
	100	-	-	-	-	-	-	-	-	-	-	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85	0.84	0.84
	90	-	-	-	-	-	-	-	-	-	0.92	0.91	0.91	0.90	0.89	0.88	0.87	0.87	0.86	0.85	0.85	0.84	0.83
	80	-	-	-	-	-	-	-	-	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85	0.84	0.84
	70	-	-	-	-	-	-	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85	0.85	0.84
	60	-	-	-	-	-	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.85	0.85	0.84
	50	-	-	-	-	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85	0.84
	40	-	-	-	0.97	0.96	0.95	0.95	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85	0.85
	30	-	-	0.98	0.97	0.96	0.96	0.95	0.94	0.93	0.92	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.87	0.86	0.86	0.85	0.85
	20	-	0.99	0.98	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.88	0.87	0.86	0.86	0.85	0.85
	10	-	1.00	0.99	0.98	0.97	0.96	0.96	0.95	0.94	0.93	0.92	0.92	0.91	0.90	0.89	0.89	0.88	0.87	0.86	0.86	0.85	0.85
0	1.00	1.00	0.99	0.98	0.98	0.97	0.96	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.88	0.87	0.86	0.86	
-10	-	1.00	0.99	0.98	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.88	0.87	0.86	0.86	
-20	-	-	0.99	0.98	0.97	0.97	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.87	0.86	0.86	
-30	-	-	-	0.99	0.98	0.97	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.88	0.87	0.86	
-40	-	-	-	-	0.98	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.88	0.87	0.86	
-50	-	-	-	-	-	0.98	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.88	

Heating



Level Difference (m)		Pipe Length (m)																					
		7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210
110	110	-	-	-	-	-	-	-	-	-	-	-	0.96	0.96	0.96	0.95	0.95	0.95	0.94	0.94	0.93	0.93	0.92
	100	-	-	-	-	-	-	-	-	-	-	0.97	0.96	0.96	0.96	0.95	0.95	0.95	0.94	0.94	0.93	0.93	0.92
	90	-	-	-	-	-	-	-	-	-	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95	0.94	0.94	0.93	0.93	0.92
	80	-	-	-	-	-	-	-	-	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95	0.94	0.94	0.93	0.93	

2. Capacity correction

2-1. Pipe length & level difference corrections

34HP
Cooling



Level Difference (m)		Pipe Length (m)																							
		7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	
110	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	100	-	-	-	-	-	-	-	-	-	-	-	0.85	0.84	0.83	0.82	0.81	0.80	0.78	0.77	0.76	0.75	0.74	0.73	0.72
	90	-	-	-	-	-	-	-	-	-	-	0.87	0.86	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.76	0.75	0.74	0.73	0.72
	80	-	-	-	-	-	-	-	-	-	0.88	0.87	0.86	0.85	0.84	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.74	0.73
	70	-	-	-	-	-	-	-	-	0.90	0.89	0.87	0.86	0.85	0.84	0.83	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.74	0.73
	60	-	-	-	-	-	-	-	0.91	0.90	0.89	0.88	0.86	0.85	0.84	0.83	0.82	0.81	0.79	0.78	0.77	0.76	0.75	0.74	0.73
	50	-	-	-	-	-	0.93	0.92	0.90	0.89	0.88	0.87	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.74	0.73
	40	-	-	-	-	0.95	0.93	0.92	0.91	0.89	0.88	0.87	0.86	0.85	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.74	0.73
	30	-	-	-	0.96	0.95	0.93	0.92	0.91	0.90	0.88	0.87	0.86	0.85	0.84	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.74	0.73
	20	-	-	0.98	0.96	0.95	0.94	0.92	0.91	0.90	0.89	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.79	0.78	0.77	0.76	0.75	0.74	0.73
	10	-	0.99	0.98	0.97	0.95	0.94	0.93	0.91	0.90	0.89	0.88	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.74
0	1.00	1.00	0.98	0.97	0.95	0.94	0.93	0.92	0.90	0.89	0.88	0.87	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.74	
-10	-	1.00	0.98	0.97	0.96	0.94	0.93	0.92	0.90	0.89	0.88	0.87	0.86	0.85	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.74	
-20	-	-	0.99	0.97	0.96	0.95	0.93	0.92	0.91	0.90	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.79	0.78	0.77	0.76	0.75	0.74	
-30	-	-	-	0.97	0.96	0.95	0.93	0.92	0.91	0.90	0.89	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75	
-40	-	-	-	-	0.96	0.95	0.94	0.92	0.91	0.90	0.89	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75	
-50	-	-	-	-	-	0.95	0.94	0.93	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75	

Heating



Level Difference (m)		Pipe Length (m)																						
		7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220
110	110	-	-	-	-	-	-	-	-	-	-	-	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86	0.86
	100	-	-	-	-	-	-	-	-	-	-	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86	0.86
	90	-	-	-	-	-	-	-	-	-	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86	0.86
	80	-	-	-	-	-	-	-	-	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86	0.86
	70	-	-	-	-	-	-	-	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86	0.86
	60	-	-	-	-	-	-	0.96	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86	0.86
	50	-	-	-	-	-	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86	0.86
	40	-	-	-	-	0.98	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86	0.86
	30	-	-	-	0.98	0.98	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86	0.86
	20	-	-	0.99	0.98	0.98	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86	0.86
	10	-	1.00	0.99	0.98	0.98	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86	0.86
0	1.00	1.00	0.99	0.98	0.98	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86	0.86	
-10	-	1.00	0.99	0.98	0.98	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86	0.86	
-20	-	-	0.99	0.98	0.98	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86	0.86	
-30	-	-	-	0.98	0.98	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86	0.86	
-40	-	-	-	-	0.98	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86	0.86	
-50	-	-	-	-	-	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86	0.86	

36HP
Cooling



Level Difference (m)		Pipe Length (m)																						
		7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220
110	110	-	-	-	-	-	-	-	-	-	-	-	0.91	0.90	0.89	0.88	0.87	0.87	0.86	0.86	0.85	0.84	0.84	
	100	-	-	-	-	-	-	-	-	-	-	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85	0.85	0.84
	90	-	-	-	-	-	-	-	-	-	0.92	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85	0.85	0.84
	80	-	-	-	-	-	-	-	-	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85	0.85	0.85
	70	-	-	-	-	-	-	-	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.87	0.86	0.85	0.85
	60	-	-	-	-	-	-	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.91	0.90	0.89	0.88	0.88	0.87	0.87	0.86	0.86	0.85
	50	-	-	-	-	-	0.96	0.95	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85	0.85
	40	-	-	-	-	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.89	0.88	0.88	0.87	0.87	0.86	0.86	0.86
	30	-	-	-	0.98	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.86
	20	-	-	0.99	0.98	0.97	0.97	0.96	0.95	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.88	0.87	0.87	0.86	0.86
	10	-	1.00	0.99	0.98	0.98	0.97	0.96	0.95	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.87	0.86
0	1.00	1.00	0.99	0.98	0.98	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.91	0.90	0.89	0.88	0.88	0.87	0.87	0.86	
-10	-	1.00	0.99	0.98	0.98	0.97	0.96	0.95	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.91	0.90	0.89	0.88	0.88	0.87	0.87	0.86	
-20	-	-	1.00	0.99	0.98	0.97	0.97	0.96	0.95	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.91	0.90	0.89	0.88	0.88	0.87	0.87	
-30	-	-	-	0.99	0.98	0.98	0.97	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.88	0.87	0.87	
-40	-	-	-	-	0.99	0.98	0.97	0.96	0.95	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.88	0.87	0.87	0.86	
-50	-	-	-	-	-	0.98	0.97	0.97	0.96	0.95	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.88	

Heating



Level Difference (m)		Pipe Length (m)																						
		7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220
110	110	-	-	-	-	-	-	-	-	-	-	-	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.94	0.93	0.93
	100	-	-	-	-	-	-	-	-	-	-	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95	0.94	0.94	0.94	0.93	0.93
	90	-	-	-	-	-	-	-	-	-	0.97	0.97	0.97	0.96	0.96	0.96								

2021.03
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