

2. Outdoor Units

2-8. Capacity table (A2W)

AE044/066/090/120/160MXT*H/EU

1) Maximum Heating Capacity (Peak Value)

LWT (Leaving Water Temp.), Tamb (Ambient Temp.), HC (Heating Capacity), PI (Power input)

	LWT (°C)	25		30		35		40		45		50		55	
	Tamb (°C)	HC(kW)	PI(kW)	HC(kW)	PI(kW)	HC(kW)	PI(kW)	HC(kW)	PI(kW)	HC(kW)	PI(kW)	HC(kW)	PI(kW)	HC(kW)	PI(kW)
AE044MXTPEH/EU	-20	3.51	1.24	3.41	1.33	3.25	1.50	3.13	1.60	3.00	1.76				
	-15	4.04	1.33	3.93	1.42	3.74	1.60	3.63	1.70	3.53	1.80	3.42	1.89		
	-10	4.32	1.24	4.20	1.32	4.00	1.49	3.88	1.69	3.76	1.89	3.65	1.98	3.39	2.17
	-7	4.21	1.15	4.10	1.24	3.90	1.39	3.82	1.57	3.73	1.75	3.58	1.77	3.43	1.80
	-2	4.36	1.07	4.24	1.14	4.03	1.28	3.88	1.41	3.72	1.53	3.53	1.72	3.35	1.91
	2	4.50	0.98	4.38	1.05	4.17	1.18	3.94	1.24	3.70	1.31	3.52	1.48	3.33	1.64
	7	4.75	0.77	4.62	0.83	4.40	0.93	4.20	1.05	4.00	1.16	3.91	1.27	3.83	1.37
	10	5.19	0.78	5.05	0.83	4.81	0.94	4.63	1.06	4.46	1.18	4.23	1.32	4.01	1.47
	15	5.92	0.79	5.76	0.85	5.48	0.95	5.35	1.06	5.22	1.20	4.96	1.35	4.70	1.50
	20	6.65	0.80	6.47	0.86	6.16	0.97	6.07	1.09	5.98	1.23	5.68	1.38	5.39	1.54
AE066MXTPEH/EU	-20	5.27	1.97	5.12	2.11	4.88	2.37	4.69	2.53	4.50	2.79				
	-15	6.06	2.10	5.89	2.25	5.61	2.53	5.45	2.69	5.29	2.84	5.14	2.99		
	-10	6.49	1.95	6.31	2.09	6.01	2.35	5.83	2.67	5.65	2.99	5.48	3.14	5.08	3.43
	-7	6.16	1.69	5.99	1.82	5.70	2.04	5.58	2.30	5.46	2.56	5.12	2.47	4.19	2.38
	-2	6.34	1.60	6.16	1.72	5.87	1.93	5.64	2.12	5.41	2.30	5.14	2.59	4.87	2.87
	2	6.53	1.51	6.34	1.62	6.04	1.82	5.71	1.93	5.37	2.03	5.10	2.29	4.83	2.54
	7	7.13	1.22	6.93	1.31	6.60	1.47	6.35	1.65	6.10	1.83	5.45	1.84	4.80	1.85
	10	7.79	1.23	7.57	1.32	7.21	1.48	6.99	1.67	6.76	1.86	6.43	2.09	6.09	2.32
	15	8.88	1.25	8.64	1.34	8.22	1.50	8.05	1.68	7.87	1.90	7.48	2.14	7.08	2.37
	20	9.98	1.27	9.70	1.36	9.24	1.53	9.11	1.72	8.98	1.94	8.53	2.18	8.08	2.43
AE090MXTPEH/EU	-20	7.18	2.83	6.98	3.04	6.65	3.41	6.39	3.64	6.14	4.02				
	-15	8.26	3.03	8.03	3.25	7.65	3.65	7.43	3.87	7.22	4.10	7.00	4.31		
	-10	8.85	2.82	8.60	3.02	8.19	3.39	7.94	3.85	7.70	4.31	7.47	4.52	6.93	4.95
	-7	7.99	2.20	7.77	2.36	7.40	2.65	7.24	2.99	7.09	3.33	6.80	3.38	6.52	3.42
	-2	8.33	2.06	8.10	2.21	7.71	2.48	7.41	2.72	7.11	2.96	6.75	3.32	6.40	3.69
	2	8.66	1.92	8.42	2.06	8.02	2.31	7.58	2.45	7.13	2.58	6.77	2.90	6.42	3.22
	7	9.72	1.76	9.45	1.89	9.00	2.12	8.50	2.25	8.00	2.38	7.83	2.60	7.66	2.82
	10	10.62	1.77	10.32	1.90	9.83	2.14	9.40	2.31	8.98	2.48	8.53	2.79	8.08	3.10
	15	12.11	1.80	11.78	1.93	11.22	2.17	10.91	2.37	10.61	2.64	10.08	2.97	9.55	3.30
	20	13.61	1.83	13.23	1.96	12.60	2.20	12.42	2.48	12.24	2.80	11.63	3.15	11.02	3.50
AE090MXTPGH/EU	-20	7.18	2.83	6.98	3.04	6.65	3.41	6.39	3.64	6.14	4.02				
	-15	8.26	3.03	8.03	3.25	7.65	3.65	7.43	3.87	7.22	4.10	7.00	4.31		
	-10	8.85	2.82	8.60	3.02	8.19	3.39	7.94	3.85	7.70	4.31	7.47	4.52	6.93	4.95
	-7	7.99	2.20	7.77	2.36	7.40	2.65	7.24	2.99	7.09	3.33	6.80	3.38	6.52	3.42
	-2	8.33	2.06	8.10	2.21	7.71	2.48	7.41	2.72	7.11	2.96	6.75	3.32	6.40	3.69
	2	8.66	1.92	8.42	2.06	8.02	2.31	7.58	2.45	7.13	2.58	6.77	2.90	6.42	3.22
	7	9.72	1.76	9.45	1.89	9.00	2.12	8.65	2.31	8.30	2.50	8.12	2.73	7.95	2.96
	10	10.62	1.77	10.32	1.90	9.83	2.14	9.52	2.35	9.21	2.57	8.75	2.89	8.29	3.21
	15	12.11	1.80	11.78	1.93	11.22	2.17	10.97	2.39	10.72	2.68	10.19	3.02	9.65	3.36
	20	13.61	1.83	13.23	1.96	12.60	2.20	12.42	2.48	12.24	2.80	11.63	3.15	11.02	3.50
AE120MXT*H/EU	-20	9.58	3.64	9.31	3.90	8.87	4.38	8.52	4.67	8.18	5.16				
	-15	11.02	3.88	10.71	4.16	10.20	4.68	9.91	4.97	9.63	5.26	9.34	5.53		
	-10	11.79	3.61	11.47	3.87	10.92	4.35	10.59	4.94	10.26	5.53	9.96	5.80	9.24	6.36
	-7	11.45	2.96	11.13	3.18	10.60	3.57	10.37	4.03	10.15	4.49	9.74	4.55	9.33	4.61
	-2	11.91	2.88	11.58	3.09	11.03	3.47	10.60	3.79	10.17	4.12	9.66	4.64	9.15	5.15
	2	12.38	2.79	12.03	2.99	11.46	3.36	10.82	3.56	10.19	3.75	9.68	4.22	9.17	4.69
	7	12.96	2.26	12.60	2.42	12.00	2.72	11.60	3.01	11.20	3.30	10.96	3.61	10.72	3.91
	10	14.16	2.28	13.76	2.44	13.11	2.74	12.74	3.06	12.38	3.37	11.76	3.79	11.14	4.21
	15	16.15	2.31	15.70	2.48	14.95	2.78	14.65	3.09	14.35	3.48	13.63	3.91	12.92	4.35
	20	18.14	2.34	17.64	2.51	16.80	2.82	16.56	3.18	16.32	3.59	15.50	4.04	14.69	4.49
AE160MXT*H/EU	-20	12.47	5.28	12.12	5.66	11.54	6.36	11.10	6.79	10.65	7.49				
	-15	14.34	5.64	13.94	6.05	13.28	6.79	12.91	7.22	12.53	7.64	12.16	8.03		
	-10	15.55	5.25	15.12	5.62	14.40	6.32	13.97	7.17	13.54	8.03	13.13	8.43	12.18	9.23
	-7	15.12	4.25	14.70	4.56	14.00	5.12	13.70	5.78	13.40	6.44	12.87	6.52	12.33	6.61
	-2	15.27	3.98	14.84	4.27	14.14	4.80	13.59	5.26	13.04	5.72	12.39	6.43	11.74	7.15
	2	15.41	3.72	14.98	3.99	14.27	4.48	13.48	4.74	12.69	5.00	12.05	5.62	11.42	6.24
	7	17.28	3.28	16.80	3.52	16.00	3.95	15.50	4.33	15.00	4.71	14.80	5.02	14.60	5.32
	10	18.88	3.31	18.35	3.55	17.48	3.98	17.02	4.41	16.56	4.83	15.73	5.43	14.90	6.03
	15	21.53	3.35	20.94	3.60	19.94	4.04	19.55	4.46	19.16	5.02	18.20	5.65	17.24	6.28
	20	24.19	3.40	23.52	3.65	22.40	4.10	22.08	4.61	21.76	5.22	20.67	5.87	19.58	6.52

1. Heating capacity : Capacity is according to Eurovent rating standard OM-3-2015 and valid for heated water range $\Delta t = 3\sim 8^{\circ}\text{C}$
2. Cooling capacity : Capacity is according to Eurovent rating standard OM-3-2015 and valid for chilled water range $\Delta t = 3\sim 8^{\circ}\text{C}$
3. Power input : Power input is according to Eurovent rating standard OM-3-2015.
4. Peak value : Tested without defrost operation in accordance with EN14511
 ※ The real capacity would be changed according to the install environment.

2. Outdoor Units

2-8. Capacity table (A2W)

AE044/066/090/120/160MXTPEH/EU

2) Maximum Heating Capacity (Integrated Value)

LWT (Leaving Water Temp.), Tamb (Ambient Temp.), HC (Heating Capacity), PI (Power input)

	LWT(°C)	25		30		35		40		45		50		55	
	Tamb (°C)	HC(kW)	PI(kW)	HC(kW)	PI(kW)	HC(kW)	PI(kW)	HC(kW)	PI(kW)	HC(kW)	PI(kW)	HC(kW)	PI(kW)	HC(kW)	PI(kW)
AE044MXTPEH/EU	-20	3.51	1.24	3.41	1.33	3.25	1.50	3.13	1.60	3.00	1.76	3.00	1.76		
	-15	4.04	1.33	3.93	1.42	3.74	1.60	3.63	1.70	3.53	1.80	3.42	1.89		
	-10	4.32	1.24	4.20	1.32	4.00	1.49	3.88	1.69	3.76	1.89	3.65	1.98	3.39	2.17
	-7	4.04	1.11	3.93	1.19	3.74	1.33	3.66	1.51	3.58	1.68	3.44	1.70	3.30	1.72
	-2	4.18	1.02	4.07	1.10	3.87	1.23	3.72	1.35	3.57	1.47	3.39	1.65	3.21	1.84
	2	4.32	0.94	4.20	1.01	4.00	1.13	3.78	1.20	3.56	1.26	3.38	1.42	3.20	1.58
	7	4.75	0.77	4.62	0.83	4.40	0.93	4.20	1.05	4.00	1.16	3.91	1.27	3.83	1.37
	10	5.19	0.78	5.05	0.83	4.81	0.94	4.63	1.06	4.46	1.18	4.23	1.32	4.01	1.47
	15	5.92	0.79	5.76	0.85	5.48	0.95	5.35	1.06	5.22	1.20	4.96	1.35	4.70	1.50
	20	6.65	0.80	6.47	0.86	6.16	0.97	6.07	1.09	5.98	1.23	5.68	1.38	5.39	1.54
	AE066MXTPEH/EU	-20	5.27	1.97	5.12	2.11	4.88	2.37	4.69	2.53	4.50	2.79			
-15		6.06	2.10	5.89	2.25	5.61	2.53	5.45	2.69	5.29	2.84	5.14	2.99		
-10		6.36	1.95	6.18	2.09	5.89	2.35	5.71	2.67	5.53	2.99	5.37	3.14	4.98	3.43
-7		5.91	1.63	5.75	1.74	5.47	1.96	5.36	2.21	5.24	2.46	4.63	2.37	4.02	2.28
-2		6.09	1.54	5.92	1.65	5.64	1.85	5.42	2.03	5.20	2.21	4.94	2.48	4.68	2.76
2		6.26	1.45	6.09	1.56	5.80	1.75	5.48	1.85	5.16	1.95	4.90	2.20	4.64	2.44
7		7.13	1.22	6.93	1.31	6.60	1.47	6.35	1.65	6.10	1.83	5.45	1.84	4.80	1.85
10		7.79	1.23	7.57	1.32	7.21	1.48	6.99	1.67	6.76	1.86	6.43	2.09	6.09	2.32
15		8.88	1.25	8.64	1.34	8.22	1.50	8.05	1.68	7.87	1.90	7.48	2.14	7.08	2.37
20		9.98	1.27	9.70	1.36	9.24	1.53	9.11	1.72	8.98	1.94	8.53	2.18	8.08	2.43
AE090MXTPEH/EU		-20	7.18	2.83	6.98	3.04	6.65	3.41	6.39	3.64	6.14	4.02			
	-15	8.26	3.03	8.03	3.25	7.65	3.65	7.43	3.87	7.22	4.10	7.00	4.31		
	-10	8.85	2.82	8.60	3.02	8.19	3.39	7.94	3.85	7.70	4.31	7.47	4.52	6.93	4.95
	-7	7.67	2.11	7.46	2.26	7.10	2.54	6.95	2.87	6.80	3.20	6.53	3.24	6.26	3.29
	-2	7.99	1.98	7.77	2.12	7.40	2.38	7.11	2.61	6.82	2.84	6.48	3.19	6.14	3.55
	2	8.32	1.84	8.09	1.98	7.70	2.22	7.27	2.35	6.84	2.48	6.50	2.79	6.16	3.10
	7	9.72	1.76	9.45	1.89	9.00	2.12	8.50	2.25	8.00	2.38	7.83	2.60	7.66	2.82
	10	10.62	1.77	10.32	1.90	9.83	2.14	9.40	2.31	8.98	2.48	8.53	2.79	8.08	3.10
	15	12.11	1.80	11.78	1.93	11.22	2.17	10.91	2.37	10.61	2.64	10.08	2.97	9.55	3.30
	20	13.61	1.83	13.23	1.96	12.60	2.20	12.42	2.48	12.24	2.80	11.63	3.15	11.02	3.50
	AE090MXTPGH/EU	-20	7.18	2.83	6.98	3.04	6.65	3.41	6.39	3.64	6.14	4.02			
-15		8.26	3.03	8.03	3.25	7.65	3.65	7.43	3.87	7.22	4.10	7.00	4.31		
-10		8.85	2.82	8.60	3.02	8.19	3.39	7.94	3.85	7.70	4.31	7.47	4.52	6.93	4.95
-7		7.67	2.11	7.46	2.26	7.10	2.54	6.95	2.87	6.80	3.20	6.53	3.24	6.26	3.29
-2		7.99	1.98	7.77	2.12	7.40	2.38	7.11	2.61	6.82	2.84	6.48	3.19	6.14	3.55
2		8.32	1.84	8.09	1.98	7.70	2.22	7.27	2.35	6.84	2.48	6.50	2.79	6.16	3.10
7		9.72	1.76	9.45	1.89	9.00	2.12	8.65	2.31	8.30	2.50	8.12	2.73	7.95	2.96
10		10.62	1.77	10.32	1.90	9.83	2.14	9.52	2.35	9.21	2.57	8.75	2.89	8.29	3.21
15		12.11	1.80	11.78	1.93	11.22	2.17	10.97	2.39	10.72	2.68	10.19	3.02	9.65	3.36
20		13.61	1.83	13.23	1.96	12.60	2.20	12.42	2.48	12.24	2.80	11.63	3.15	11.02	3.50
AE120MXTPEH/EU		-20	9.58	3.64	9.31	3.90	8.87	4.38	8.52	4.67	8.18	5.16			
	-15	11.02	3.88	10.71	4.16	10.20	4.68	9.91	4.97	9.63	5.26	9.34	5.53		
	-10	11.79	3.61	11.47	3.87	10.92	4.35	10.59	4.94	10.26	5.53	9.96	5.80	9.24	6.36
	-7	10.99	2.84	10.68	3.05	10.18	3.43	9.96	3.87	9.74	4.31	9.35	4.37	8.96	4.43
	-2	11.44	2.76	11.12	2.96	10.59	3.33	10.17	3.64	9.76	3.96	9.27	4.45	8.78	4.94
	2	11.88	2.68	11.55	2.87	11.00	3.23	10.39	3.42	9.78	3.60	9.29	4.05	8.80	4.50
	7	12.96	2.26	12.60	2.42	12.00	2.72	11.60	3.01	11.20	3.30	10.96	3.61	10.72	3.91
	10	14.16	2.28	13.76	2.44	13.11	2.74	12.74	3.06	12.38	3.37	11.76	3.79	11.14	4.21
	15	16.15	2.31	15.70	2.48	14.95	2.78	14.65	3.09	14.35	3.48	13.63	3.91	12.92	4.35
	20	18.14	2.34	17.64	2.51	16.80	2.82	16.56	3.18	16.32	3.59	15.50	4.04	14.69	4.49
	AE160MXTPEH/EU	-20	12.47	5.28	12.12	5.66	11.54	6.36	11.10	6.79	10.65	7.49			
-15		14.34	5.64	13.94	6.05	13.28	6.79	12.91	7.22	12.53	7.64	12.16	8.03		
-10		15.55	5.25	15.12	5.62	14.40	6.32	13.97	7.17	13.54	8.03	13.13	8.43	12.18	9.23
-7		14.52	4.08	14.11	4.37	13.44	4.92	13.15	5.55	12.87	6.18	12.35	6.26	11.84	6.35
-2		14.66	3.82	14.25	4.10	13.57	4.61	13.05	5.05	12.52	5.49	11.90	6.17	11.27	6.86
2		14.80	3.57	14.39	3.83	13.70	4.30	12.94	4.55	12.18	4.80	11.57	5.40	10.96	6.00
7		17.28	3.28	16.80	3.52	16.00	3.95	15.50	4.55	15.00	4.71	14.80	5.02	14.60	5.32
10		18.88	3.31	18.35	3.55	17.48	3.98	17.02	4.41	16.56	4.83	15.73	5.43	14.90	6.03
15		21.53	3.35	20.94	3.60	19.94	4.04	19.55	4.46	19.16	5.02	18.20	5.65	17.24	6.28
20		24.19	3.40	23.52	3.65	22.40	4.10	22.08	4.61	21.76	5.22	20.67	5.87	19.58	6.52

1. Heating capacity : Capacity is according to Eurovent rating standard OM-3-2015 and valid for heated water range $\Delta t = 3\sim 8^{\circ}\text{C}$
 2. Cooling capacity : Capacity is according to Eurovent rating standard OM-3-2015 and valid for chilled water range $\Delta t = 3\sim 8^{\circ}\text{C}$
 3. Power input : Power input is according to Eurovent rating standard OM-3-2015.
 4. Integrated value : Tested with defrost operation in accordance with EN14511
- ※ The real capacity would be changed according to the install environment.

2. Outdoor Units

2-8. Capacity table (A2W)

AE044/066/090/120/160MXTP*H/EU

3) Cooling Capacity

LWT (Leaving Water Temp.), Tamb (Ambient Temp.), CC (Cooling Capacity), PI (Power input)

	LWT (°C)	7		10		13		15		18		25	
	Tamb (°C)	HC(kW)	PI(kW)	HC(kW)	PI(kW)	HC(kW)	PI(kW)	HC(kW)	PI(kW)	HC(kW)	PI(kW)	HC(kW)	PI(kW)
AE044MXTP*H/EU	10	4.31	0.79	4.76	0.79	5.20	0.79	5.50	0.79	5.92	0.79	6.97	0.79
	20	3.99	0.89	4.41	0.89	4.85	0.89	5.18	0.89	5.61	0.89	6.61	0.89
	30	3.64	0.98	4.09	0.98	4.55	0.98	4.80	0.98	5.25	0.98	6.30	0.98
	35	3.50	1.03	3.94	1.03	4.37	1.03	4.66	1.03	5.10	1.03	6.12	1.03
	46	3.15	1.13	3.58	1.13	4.02	1.13	4.29	1.13	4.74	1.13	5.75	1.13
	AE066MXTP*H/EU	10	6.89	1.38	7.14	1.31	7.38	1.25	7.55	1.20	7.77	1.14	8.44
20		6.38	1.54	6.61	1.47	6.88	1.39	7.10	1.35	7.37	1.27	7.99	1.10
30		5.82	1.70	6.14	1.62	6.45	1.54	6.59	1.49	6.90	1.41	7.62	1.22
35		5.60	1.79	5.90	1.71	6.20	1.62	6.40	1.56	6.70	1.48	7.40	1.28
46		5.04	1.97	5.37	1.88	5.70	1.78	5.89	1.72	6.23	1.63	6.96	1.41
AE090MXTP*H/EU		10	7.39	1.22	8.07	1.25	8.77	1.26	9.18	1.27	9.92	1.28	11.43
	20	6.66	1.45	7.32	1.46	8.01	1.48	8.45	1.49	9.12	1.52	10.67	1.55
	30	5.94	1.68	6.63	1.70	7.25	1.71	7.71	1.72	8.40	1.74	9.91	1.77
	35	5.60	1.79	6.25	1.81	6.91	1.82	7.35	1.83	8.00	1.85	9.53	1.89
	46	4.82	2.04	5.44	2.06	6.08	2.06	6.54	2.09	7.20	2.11	8.67	2.13
	AE090MXTP*GH/EU	10	7.52	1.19	8.16	1.23	8.83	1.25	9.22	1.26	9.92	1.28	11.36
20		6.78	1.42	7.40	1.44	8.07	1.47	8.48	1.48	9.12	1.53	10.60	1.58
30		6.04	1.65	6.71	1.67	7.30	1.70	7.74	1.72	8.40	1.75	9.84	1.81
35		5.70	1.75	6.33	1.78	6.95	1.81	7.37	1.83	8.00	1.86	9.46	1.93
46		4.90	2.00	5.50	2.03	6.12	2.05	6.56	2.09	7.20	2.12	8.61	2.18
AE120MXTP*H/EU		10	11.35	1.90	12.29	1.95	13.28	1.97	13.84	1.98	14.88	2.00	17.00
	20	10.23	2.26	11.15	2.28	12.13	2.31	12.73	2.32	13.68	2.38	15.86	2.44
	30	9.12	2.62	10.10	2.65	10.98	2.68	11.63	2.70	12.60	2.73	14.73	2.79
	35	8.60	2.79	9.53	2.82	10.45	2.85	11.07	2.87	12.00	2.90	14.16	2.97
	46	7.40	3.18	8.29	3.21	9.20	3.22	9.85	3.27	10.80	3.31	12.89	3.36
	AE160MXTP*H/EU	10	13.46	2.42	14.67	2.51	15.93	2.56	16.66	2.60	17.98	2.65	20.68
20		12.14	2.88	13.31	2.95	14.55	3.01	15.33	3.05	16.53	3.15	19.30	3.29
30		10.81	3.35	12.06	3.42	13.17	3.49	13.99	3.54	15.23	3.61	17.93	3.78
35		10.20	3.56	11.37	3.64	12.55	3.71	13.33	3.76	14.50	3.84	17.24	4.02
46		8.77	4.06	9.89	4.15	11.04	4.20	11.86	4.29	13.05	4.38	15.69	4.54

1. Heating capacity is according to Eurovent rating standard OM-3-2015 and valid for heated water range $\Delta t = 3\sim 8^{\circ}\text{C}$
 2. Cooling capacity is according to Eurovent rating standard OM-3-2015 and valid for chilled water range $\Delta t = 3\sim 8^{\circ}\text{C}$
 3. Power input is total of indoor and outdoor unit, according to Eurovent rating standard OM-3-2015.
- ※ The real capacity would be changed according to the install environment.

2. Outdoor Units

2-8. Capacity table (A2A)

AE044MXTPEH/EU

Heating

Combination % (Capacity index)	Outdoor temperature (°C)		Indoor temperature (DB, °C)											
			16		18		20		21		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100%	DB	WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
	-20	-20	3.8	1.60	3.7	1.70	3.7	1.80	3.7	1.80	3.7	1.80	3.7	1.80
	-19	-19	3.9	1.70	3.9	1.70	3.8	1.80	3.9	1.80	3.9	1.80	3.9	1.80
	-17	-17	4.1	1.70	4.1	1.80	4.0	1.80	4.1	1.80	4.1	1.80	4.1	1.90
	-15	-15	4.4	1.80	4.4	1.80	4.3	1.90	4.3	1.90	4.3	2.00	4.1	1.80
	-13	-13	4.6	1.80	4.6	1.90	4.5	1.90	4.6	2.00	4.4	1.80	4.1	1.70
	-11	-11	4.9	1.90	4.9	1.90	4.6	1.90	4.6	1.80	4.4	1.70	4.1	1.60
	-10	-10	4.9	1.80	4.9	1.80	4.6	1.80	4.6	1.70	4.4	1.60	4.1	1.50
	-9	-9	5.1	1.80	5.0	1.80	4.6	1.70	4.6	1.60	4.4	1.60	4.1	1.40
	-7	-8	5.3	1.80	5.0	1.80	4.6	1.60	4.6	1.60	4.4	1.50	4.1	1.40
	-5	-6	5.3	1.80	5.0	1.70	4.6	1.60	4.6	1.50	4.4	1.40	4.1	1.30
	-3	-4	5.3	1.60	5.0	1.50	4.6	1.40	4.6	1.40	4.4	1.30	4.1	1.20
	0	-1	5.3	1.50	5.0	1.40	4.6	1.30	4.6	1.30	4.4	1.20	4.1	1.10
	3	2	5.3	1.40	5.0	1.30	4.6	1.30	4.6	1.20	4.4	1.10	4.1	1.10
	5	4	5.3	1.40	5.0	1.30	4.6	1.20	4.6	1.10	4.4	1.10	4.1	1.00
	7	6	5.3	1.30	4.9	1.20	4.6	1.12	4.5	1.10	4.3	1.10	4.1	1.00
9	8	5.5	1.30	5.1	1.20	4.8	1.10	4.7	1.10	4.5	1.00	4.2	0.90	
11	10	5.5	1.20	5.1	1.10	4.8	1.10	4.7	1.00	4.5	1.00	4.2	0.90	
13	12	5.5	1.10	5.1	1.10	4.8	1.00	4.7	1.00	4.5	0.90	4.2	0.90	
15	14	5.5	1.10	5.1	1.10	4.8	1.00	4.7	0.90	4.5	0.90	4.2	0.90	
90%	-20	-20	3.5	1.70	3.5	1.80	3.5	1.80	3.5	1.80	3.5	1.80	3.4	1.80
	-19	-19	3.6	1.80	3.6	1.80	3.6	1.80	3.6	1.80	3.6	1.90	3.4	1.80
	-17	-17	3.8	1.80	3.8	1.80	3.8	1.90	3.8	1.90	3.7	1.80	3.4	1.60
	-15	-15	4.0	1.90	4.0	1.90	3.9	1.90	3.8	1.80	3.7	1.70	3.4	1.60
	-13	-13	4.3	1.90	4.2	1.90	3.9	1.80	3.8	1.70	3.7	1.60	3.4	1.50
	-11	-11	4.4	1.90	4.2	1.80	3.9	1.60	3.8	1.60	3.7	1.50	3.4	1.40
	-10	-10	4.4	1.80	4.2	1.70	3.9	1.60	3.8	1.50	3.7	1.40	3.4	1.30
	-9	-9	4.4	1.80	4.2	1.60	3.9	1.50	3.8	1.40	3.7	1.40	3.4	1.30
	-7	-8	4.4	1.70	4.2	1.60	3.9	1.40	3.8	1.40	3.7	1.30	3.4	1.30
	-5	-6	4.4	1.60	4.2	1.50	3.9	1.40	3.8	1.30	3.7	1.30	3.4	1.20
	-3	-4	4.4	1.40	4.2	1.30	3.9	1.30	3.8	1.20	3.7	1.10	3.4	1.10
	0	-1	4.4	1.30	4.2	1.30	3.9	1.20	3.8	1.10	3.7	1.10	3.4	1.00
	3	2	4.4	1.30	4.2	1.20	3.9	1.10	3.8	1.10	3.7	1.00	3.4	0.90
	5	4	4.4	1.20	4.2	1.10	3.9	1.10	3.8	1.00	3.7	1.00	3.4	0.90
	7	6	4.7	1.10	4.5	1.10	4.2	1.00	4.1	1.00	3.9	0.90	3.7	0.90
	9	8	4.8	1.10	4.5	1.00	4.3	0.90	4.1	0.90	3.9	0.90	3.7	0.80
11	10	4.8	1.10	4.5	1.00	4.3	0.90	4.1	0.90	3.9	0.90	3.7	0.80	
13	12	4.8	1.00	4.5	0.90	4.3	0.90	4.1	0.90	3.9	0.80	3.7	0.80	
15	14	4.8	1.00	4.5	0.90	4.3	0.90	4.1	0.90	3.9	0.80	3.7	0.70	
80%	-20	-20	3.5	1.80	3.5	1.80	3.5	1.90	3.4	1.80	3.3	1.80	3.0	1.60
	-19	-19	3.6	1.80	3.6	1.80	3.5	1.80	3.4	1.80	3.3	1.70	3.0	1.50
	-17	-17	3.8	1.90	3.7	1.80	3.5	1.70	3.4	1.60	3.3	1.60	3.0	1.40
	-15	-15	3.9	1.90	3.7	1.80	3.5	1.60	3.4	1.60	3.3	1.50	3.0	1.40
	-13	-13	3.9	1.80	3.7	1.60	3.5	1.50	3.4	1.40	3.3	1.40	3.0	1.30
	-11	-11	3.9	1.60	3.7	1.60	3.5	1.40	3.4	1.40	3.3	1.30	3.0	1.20
	-10	-10	3.9	1.60	3.7	1.40	3.5	1.30	3.4	1.30	3.3	1.30	3.0	1.10
	-9	-9	3.9	1.50	3.7	1.40	3.5	1.30	3.4	1.30	3.3	1.20	3.0	1.10
	-7	-8	3.9	1.40	3.7	1.40	3.5	1.30	3.4	1.20	3.3	1.20	3.0	1.10
	-5	-6	3.9	1.40	3.7	1.30	3.5	1.20	3.4	1.10	3.3	1.10	3.0	1.00
	-3	-4	3.9	1.30	3.7	1.20	3.5	1.10	3.4	1.10	3.3	1.00	3.0	0.90
	0	-1	3.9	1.20	3.7	1.10	3.5	1.00	3.4	1.00	3.3	0.90	3.0	0.90
	3	2	3.9	1.10	3.7	1.00	3.5	0.90	3.4	0.90	3.3	0.90	3.0	0.80
	5	4	3.9	1.10	3.7	1.00	3.5	0.90	3.4	0.90	3.3	0.90	3.0	0.80
	7	6	4.2	1.00	3.9	0.90	3.7	0.90	3.6	0.90	3.5	0.80	3.2	0.70
	9	8	4.3	0.90	4.0	0.90	3.7	0.90	3.7	0.80	3.5	0.80	3.3	0.70
11	10	4.3	0.90	4.0	0.90	3.7	0.80	3.7	0.80	3.5	0.70	3.3	0.70	
13	12	4.3	0.90	4.0	0.90	3.7	0.80	3.7	0.70	3.5	0.70	3.3	0.70	
15	14	4.3	0.90	4.0	0.80	3.7	0.70	3.7	0.70	3.5	0.70	3.3	0.70	

※ Peak value : Tested without defrost operation in accordance with EN14511

2. Outdoor Units

2-8. Capacity table (A2A)

AE044MXTPEH/EU

Heating

Combination % (Capacity index)	Outdoor temperature (°C)		Indoor temperature (DB, °C)											
			16		18		20		21		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70%	DB	WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
	-20	-20	3.4	1.80	3.2	1.70	3.0	1.60	3.0	1.50	2.8	1.40	2.6	1.40
	-19	-19	3.4	1.80	3.2	1.60	3.0	1.50	3.0	1.50	2.8	1.40	2.6	1.30
	-17	-17	3.4	1.60	3.2	1.60	3.0	1.40	3.0	1.40	2.8	1.30	2.6	1.20
	-15	-15	3.4	1.60	3.2	1.50	3.0	1.40	3.0	1.30	2.8	1.30	2.6	1.20
	-13	-13	3.4	1.50	3.2	1.40	3.0	1.30	3.0	1.30	2.8	1.20	2.6	1.10
	-11	-11	3.4	1.40	3.2	1.30	3.0	1.30	3.0	1.20	2.8	1.10	2.6	1.10
	-10	-10	3.4	1.30	3.2	1.30	3.0	1.10	3.0	1.10	2.8	1.10	2.6	1.00
	-9	-9	3.4	1.30	3.2	1.20	3.0	1.10	3.0	1.10	2.8	1.10	2.6	0.90
	-7	-8	3.4	1.30	3.2	1.10	3.0	1.10	3.0	1.10	2.8	1.00	2.6	0.90
	-5	-6	3.4	1.20	3.2	1.10	3.0	1.00	3.0	1.00	2.8	0.90	2.6	0.90
	-3	-4	3.4	1.10	3.2	1.00	3.0	0.90	3.0	0.90	2.8	0.90	2.6	0.80
	0	-1	3.4	1.00	3.2	0.90	3.0	0.90	3.0	0.90	2.8	0.80	2.6	0.70
	3	2	3.4	0.90	3.2	0.90	3.0	0.80	3.0	0.80	2.8	0.80	2.6	0.70
	5	4	3.4	0.90	3.2	0.90	3.0	0.80	3.0	0.80	2.8	0.70	2.6	0.70
7	6	3.7	0.90	3.5	0.80	3.3	0.70	3.2	0.70	3.0	0.70	2.8	0.70	
9	8	3.7	0.80	3.5	0.80	3.3	0.70	3.2	0.70	3.1	0.70	2.9	0.60	
11	10	3.7	0.80	3.5	0.70	3.3	0.70	3.2	0.70	3.1	0.70	2.9	0.60	
13	12	3.7	0.80	3.5	0.70	3.3	0.70	3.2	0.70	3.1	0.60	2.9	0.60	
15	14	3.7	0.70	3.5	0.70	3.3	0.70	3.2	0.70	3.1	0.60	2.9	0.60	
60%	-20	-20	3.0	1.50	2.8	1.40	2.6	1.30	2.5	1.30	2.4	1.30	2.3	1.10
	-19	-19	3.0	1.50	2.8	1.40	2.6	1.30	2.5	1.30	2.4	1.20	2.3	1.10
	-17	-17	3.0	1.40	2.8	1.30	2.6	1.20	2.5	1.10	2.4	1.10	2.3	1.00
	-15	-15	3.0	1.30	2.8	1.30	2.6	1.10	2.5	1.10	2.4	1.10	2.3	1.00
	-13	-13	3.0	1.30	2.8	1.20	2.6	1.10	2.5	1.10	2.4	1.00	2.3	0.90
	-11	-11	3.0	1.20	2.8	1.10	2.6	1.00	2.5	1.00	2.4	0.90	2.3	0.90
	-10	-10	3.0	1.10	2.8	1.10	2.6	1.00	2.5	0.90	2.4	0.90	2.3	0.80
	-9	-9	3.0	1.10	2.8	1.00	2.6	0.90	2.5	0.90	2.4	0.90	2.3	0.80
	-7	-8	3.0	1.10	2.8	1.00	2.6	0.90	2.5	0.90	2.4	0.90	2.3	0.80
	-5	-6	3.0	1.00	2.8	0.90	2.6	0.90	2.5	0.80	2.4	0.80	2.3	0.70
	-3	-4	3.0	0.90	2.8	0.90	2.6	0.80	2.5	0.70	2.4	0.70	2.3	0.70
	0	-1	3.0	0.90	2.8	0.80	2.6	0.70	2.5	0.70	2.4	0.70	2.3	0.70
	3	2	3.0	0.80	2.8	0.70	2.6	0.70	2.5	0.70	2.4	0.70	2.3	0.60
	5	4	3.0	0.70	2.8	0.70	2.6	0.70	2.5	0.70	2.4	0.60	2.3	0.60
	7	6	3.2	0.70	3.0	0.70	2.8	0.70	2.7	0.60	2.6	0.60	2.4	0.50
9	8	3.2	0.70	3.0	0.70	2.8	0.60	2.8	0.60	2.6	0.60	2.5	0.50	
11	10	3.2	0.70	3.0	0.70	2.8	0.60	2.8	0.60	2.6	0.50	2.5	0.50	
13	12	3.2	0.70	3.0	0.60	2.8	0.60	2.8	0.50	2.6	0.50	2.5	0.50	
15	14	3.2	0.70	3.0	0.60	2.8	0.50	2.8	0.50	2.6	0.50	2.5	0.50	
50%	-20	-20	2.4	1.30	2.3	1.10	2.2	1.10	2.1	1.10	2.0	1.00	1.9	0.90
	-19	-19	2.4	1.20	2.3	1.10	2.2	1.10	2.1	1.00	2.0	0.90	1.9	0.90
	-17	-17	2.4	1.10	2.3	1.10	2.2	1.00	2.1	0.90	2.0	0.90	1.9	0.90
	-15	-15	2.4	1.10	2.3	1.00	2.2	0.90	2.1	0.90	2.0	0.90	1.9	0.80
	-13	-13	2.4	1.00	2.3	0.90	2.2	0.90	2.1	0.90	2.0	0.80	1.9	0.70
	-11	-11	2.4	0.90	2.3	0.90	2.2	0.90	2.1	0.80	2.0	0.80	1.9	0.70
	-10	-10	2.4	0.90	2.3	0.90	2.2	0.80	2.1	0.70	2.0	0.70	1.9	0.70
	-9	-9	2.4	0.90	2.3	0.80	2.2	0.80	2.1	0.70	2.0	0.70	1.9	0.70
	-7	-8	2.4	0.90	2.3	0.80	2.2	0.70	2.1	0.70	2.0	0.70	1.9	0.70
	-5	-6	2.4	0.80	2.3	0.70	2.2	0.70	2.1	0.70	2.0	0.70	1.9	0.60
	-3	-4	2.4	0.70	2.3	0.70	2.2	0.70	2.1	0.60	2.0	0.60	1.9	0.50
	0	-1	2.4	0.70	2.3	0.70	2.2	0.60	2.1	0.60	2.0	0.60	1.9	0.50
	3	2	2.4	0.70	2.3	0.60	2.2	0.60	2.1	0.50	2.0	0.50	1.9	0.50
	5	4	2.4	0.60	2.3	0.60	2.2	0.50	2.1	0.50	2.0	0.50	1.9	0.50
	7	6	2.6	0.60	2.5	0.60	2.3	0.50	2.2	0.50	2.2	0.50	2.0	0.50
9	8	2.7	0.60	2.5	0.50	2.4	0.50	2.3	0.50	2.2	0.50	2.0	0.50	
11	10	2.7	0.50	2.5	0.50	2.4	0.50	2.3	0.50	2.2	0.50	2.0	0.50	
13	12	2.7	0.50	2.5	0.50	2.4	0.50	2.3	0.50	2.2	0.50	2.0	0.40	
15	14	2.7	0.50	2.5	0.50	2.4	0.50	2.3	0.50	2.2	0.50	2.0	0.40	

※ Peak value : Tested without defrost operation in accordance with EN14511

2. Outdoor Units

2-8. Capacity table (A2A)

AE066MXTPEH/EU

Heating

Combination % (Capacity index)	Outdoor temperature (°C)		Indoor temperature (DB, °C)												
			16		18		20		21		22		24		
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	
100%	DB	WB													
	-20	-20	5.8	2.50	5.7	2.50	5.6	2.60	5.7	2.60	5.7	2.70	5.7	2.80	
	-19	-19	6.0	2.50	6.0	2.60	5.8	2.60	5.9	2.70	5.9	2.70	5.9	2.80	
	-17	-17	6.3	2.60	6.3	2.60	6.1	2.70	6.2	2.80	6.2	2.80	6.2	2.90	
	-15	-15	6.6	2.70	6.6	2.80	6.5	2.90	6.6	2.90	6.6	2.90	6.2	2.70	
	-13	-13	7.0	2.80	7.0	2.90	6.7	2.90	6.9	2.90	6.6	2.80	6.2	2.50	
	-11	-11	7.3	2.90	7.3	2.90	6.9	2.90	6.9	2.70	6.6	2.60	6.2	2.40	
	-10	-10	7.5	2.80	7.5	2.80	6.9	2.60	6.9	2.50	6.6	2.50	6.2	2.20	
	-9	-9	7.7	2.80	7.6	2.80	6.9	2.60	6.9	2.50	6.6	2.40	6.2	2.20	
	-7	-8	7.9	2.80	7.6	2.70	6.9	2.50	6.9	2.40	6.6	2.30	6.2	2.10	
	-5	-6	8.1	2.70	7.6	2.50	6.9	2.40	6.9	2.30	6.6	2.20	6.2	1.90	
	-3	-4	8.1	2.50	7.6	2.30	6.9	2.10	6.9	2.00	6.6	1.90	6.2	1.80	
	0	-1	8.1	2.30	7.6	2.10	6.9	1.90	6.9	1.90	6.6	1.80	6.2	1.70	
	3	2	8.1	2.10	7.6	2.00	6.9	1.90	6.9	1.80	6.6	1.70	6.2	1.60	
	5	4	8.1	2.00	7.6	1.90	6.9	1.80	6.9	1.70	6.6	1.60	6.2	1.50	
	7	6	7.9	1.90	7.5	1.80	6.9	1.69	6.8	1.60	6.6	1.50	6.1	1.40	
9	8	8.2	1.90	7.8	1.70	7.2	1.60	7.1	1.50	6.8	1.50	6.4	1.40		
11	10	8.2	1.80	7.8	1.70	7.2	1.50	7.1	1.50	6.8	1.40	6.4	1.40		
13	12	8.2	1.70	7.8	1.60	7.2	1.50	7.1	1.40	6.8	1.40	6.4	1.30		
15	14	8.2	1.70	7.8	1.50	7.2	1.40	7.1	1.40	6.8	1.40	6.4	1.30		
90%	-20	-20	5.3	2.60	5.3	2.70	5.3	2.70	5.3	2.80	5.3	2.80	5.2	2.80	
	-19	-19	5.5	2.60	5.5	2.70	5.5	2.80	5.5	2.80	5.5	2.80	5.2	2.70	
	-17	-17	5.7	2.70	5.7	2.80	5.7	2.80	5.7	2.90	5.5	2.70	5.2	2.50	
	-15	-15	6.1	2.90	6.0	2.90	6.0	2.90	5.7	2.70	5.5	2.60	5.2	2.40	
	-13	-13	6.4	2.90	6.3	2.90	6.0	2.60	5.7	2.50	5.5	2.50	5.2	2.20	
	-11	-11	6.7	2.90	6.3	2.70	6.0	2.50	5.7	2.40	5.5	2.30	5.2	2.10	
	-10	-10	6.7	2.70	6.3	2.50	6.0	2.30	5.7	2.20	5.5	2.10	5.2	1.90	
	-9	-9	6.7	2.60	6.3	2.50	6.0	2.30	5.7	2.20	5.5	2.10	5.2	1.90	
	-7	-8	6.7	2.50	6.3	2.40	6.0	2.20	5.7	2.10	5.5	2.00	5.2	1.90	
	-5	-6	6.7	2.40	6.3	2.20	6.0	2.00	5.7	1.90	5.5	1.90	5.2	1.80	
	-3	-4	6.7	2.20	6.3	2.00	6.0	1.90	5.7	1.80	5.5	1.70	5.2	1.60	
	0	-1	6.7	2.00	6.3	1.90	6.0	1.80	5.7	1.70	5.5	1.60	5.2	1.40	
	3	2	6.7	1.90	6.3	1.80	6.0	1.60	5.7	1.50	5.5	1.50	5.2	1.40	
	5	4	6.7	1.80	6.3	1.70	6.0	1.50	5.7	1.50	5.5	1.40	5.2	1.40	
	7	6	7.2	1.70	6.7	1.60	6.4	1.50	6.1	1.40	6.0	1.40	5.5	1.30	
	9	8	7.2	1.60	6.8	1.50	6.5	1.40	6.2	1.40	6.0	1.40	5.6	1.20	
11	10	7.2	1.60	6.8	1.40	6.5	1.40	6.2	1.40	6.0	1.30	5.6	1.20		
13	12	7.2	1.50	6.8	1.40	6.5	1.40	6.2	1.30	6.0	1.30	5.6	1.10		
15	14	7.2	1.40	6.8	1.40	6.5	1.30	6.2	1.30	6.0	1.20	5.6	1.10		
80%	-20	-20	5.3	2.70	5.3	2.80	5.3	2.90	5.1	2.70	4.9	2.60	4.6	2.40	
	-19	-19	5.5	2.80	5.5	2.80	5.3	2.70	5.1	2.60	4.9	2.50	4.6	2.30	
	-17	-17	5.7	2.80	5.6	2.80	5.3	2.50	5.1	2.50	4.9	2.40	4.6	2.10	
	-15	-15	6.0	2.90	5.6	2.60	5.3	2.50	5.1	2.40	4.9	2.30	4.6	2.00	
	-13	-13	6.0	2.60	5.6	2.50	5.3	2.30	5.1	2.20	4.9	2.10	4.6	1.90	
	-11	-11	6.0	2.50	5.6	2.30	5.3	2.10	5.1	2.00	4.9	1.90	4.6	1.80	
	-10	-10	6.0	2.40	5.6	2.20	5.3	2.00	5.1	1.90	4.9	1.90	4.6	1.70	
	-9	-9	6.0	2.30	5.6	2.10	5.3	1.90	5.1	1.90	4.9	1.80	4.6	1.70	
	-7	-8	6.0	2.20	5.6	2.00	5.3	1.90	5.1	1.80	4.9	1.80	4.6	1.60	
	-5	-6	6.0	2.00	5.6	1.90	5.3	1.80	5.1	1.70	4.9	1.60	4.6	1.50	
	-3	-4	6.0	1.90	5.6	1.80	5.3	1.60	5.1	1.50	4.9	1.50	4.6	1.40	
	0	-1	6.0	1.80	5.6	1.60	5.3	1.50	5.1	1.40	4.9	1.40	4.6	1.30	
	3	2	6.0	1.60	5.6	1.50	5.3	1.40	5.1	1.40	4.9	1.40	4.6	1.20	
	5	4	6.0	1.60	5.6	1.40	5.3	1.40	5.1	1.40	4.9	1.30	4.6	1.20	
	7	6	6.4	1.50	6.0	1.40	5.6	1.30	5.5	1.30	5.3	1.20	4.9	1.10	
	9	8	6.5	1.40	6.0	1.40	5.7	1.30	5.5	1.20	5.4	1.20	4.9	1.10	
11	10	6.5	1.40	6.0	1.30	5.7	1.20	5.5	1.20	5.4	1.10	4.9	1.00		
13	12	6.5	1.40	6.0	1.30	5.7	1.20	5.5	1.10	5.4	1.10	4.9	1.00		
15	14	6.5	1.30	6.0	1.20	5.7	1.10	5.5	1.10	5.4	1.00	4.9	0.90		

※ Peak value : Tested without defrost operation in accordance with EN14511

2. Outdoor Units

2-8. Capacity table (A2A)

AE066MXTPEH/EU

Heating

Combination % (Capacity index)	Outdoor temperature (°C)		Indoor temperature (DB, °C)											
			16		18		20		21		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70%	DB	WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
	-20	-20	5.2	2.80	4.9	2.60	4.6	2.40	4.4	2.30	4.3	2.20	4.0	2.00
	-19	-19	5.2	2.70	4.9	2.50	4.6	2.30	4.4	2.20	4.3	2.10	4.0	1.90
	-17	-17	5.2	2.50	4.9	2.40	4.6	2.10	4.4	2.00	4.3	1.90	4.0	1.90
	-15	-15	5.2	2.40	4.9	2.20	4.6	2.00	4.4	1.90	4.3	1.90	4.0	1.80
	-13	-13	5.2	2.30	4.9	2.10	4.6	1.90	4.4	1.90	4.3	1.80	4.0	1.60
	-11	-11	5.2	2.10	4.9	1.90	4.6	1.90	4.4	1.80	4.3	1.70	4.0	1.50
	-10	-10	5.2	1.90	4.9	1.90	4.6	1.70	4.4	1.60	4.3	1.60	4.0	1.40
	-9	-9	5.2	1.90	4.9	1.80	4.6	1.70	4.4	1.60	4.3	1.50	4.0	1.40
	-7	-8	5.2	1.90	4.9	1.70	4.6	1.60	4.4	1.50	4.3	1.50	4.0	1.40
	-5	-6	5.2	1.80	4.9	1.60	4.6	1.50	4.4	1.40	4.3	1.40	4.0	1.30
	-3	-4	5.2	1.60	4.9	1.50	4.6	1.40	4.4	1.40	4.3	1.30	4.0	1.20
	0	-1	5.2	1.50	4.9	1.40	4.6	1.30	4.4	1.30	4.3	1.20	4.0	1.10
	3	2	5.2	1.40	4.9	1.30	4.6	1.20	4.4	1.20	4.3	1.10	4.0	1.00
	5	4	5.2	1.40	4.9	1.30	4.6	1.20	4.4	1.10	4.3	1.10	4.0	1.00
7	6	5.5	1.30	5.3	1.20	4.9	1.10	4.8	1.10	4.6	1.00	4.3	0.90	
9	8	5.6	1.20	5.3	1.20	5.0	1.10	4.9	1.00	4.7	1.00	4.3	0.90	
11	10	5.6	1.20	5.3	1.10	5.0	1.00	4.9	1.00	4.7	0.90	4.3	0.90	
13	12	5.6	1.10	5.3	1.10	5.0	1.00	4.9	0.90	4.7	0.90	4.3	0.80	
15	14	5.6	1.10	5.3	1.00	5.0	1.00	4.9	0.90	4.7	0.90	4.3	0.80	
60%	-20	-20	4.4	2.30	4.2	2.10	3.9	2.00	3.8	1.90	3.7	1.90	3.4	1.70
	-19	-19	4.4	2.20	4.2	2.00	3.9	1.90	3.8	1.90	3.7	1.80	3.4	1.60
	-17	-17	4.4	2.00	4.2	1.90	3.9	1.80	3.8	1.70	3.7	1.60	3.4	1.50
	-15	-15	4.4	1.90	4.2	1.90	3.9	1.70	3.8	1.70	3.7	1.60	3.4	1.40
	-13	-13	4.4	1.90	4.2	1.80	3.9	1.60	3.8	1.50	3.7	1.50	3.4	1.40
	-11	-11	4.4	1.80	4.2	1.60	3.9	1.50	3.8	1.40	3.7	1.40	3.4	1.30
	-10	-10	4.4	1.60	4.2	1.50	3.9	1.40	3.8	1.40	3.7	1.40	3.4	1.20
	-9	-9	4.4	1.60	4.2	1.50	3.9	1.40	3.8	1.40	3.7	1.30	3.4	1.20
	-7	-8	4.4	1.50	4.2	1.40	3.9	1.40	3.8	1.30	3.7	1.30	3.4	1.20
	-5	-6	4.4	1.40	4.2	1.40	3.9	1.30	3.8	1.30	3.7	1.20	3.4	1.10
	-3	-4	4.4	1.40	4.2	1.30	3.9	1.20	3.8	1.10	3.7	1.10	3.4	1.00
	0	-1	4.4	1.30	4.2	1.20	3.9	1.10	3.8	1.00	3.7	1.00	3.4	0.90
	3	2	4.4	1.20	4.2	1.10	3.9	1.00	3.8	1.00	3.7	0.90	3.4	0.90
	5	4	4.4	1.10	4.2	1.10	3.9	1.00	3.8	0.90	3.7	0.90	3.4	0.80
	7	6	4.8	1.10	4.5	1.00	4.3	0.90	4.1	0.90	3.9	0.80	3.7	0.80
9	8	4.9	1.00	4.6	0.90	4.3	0.90	4.2	0.80	4.0	0.80	3.7	0.80	
11	10	4.9	1.00	4.6	0.90	4.3	0.80	4.2	0.80	4.0	0.80	3.7	0.80	
13	12	4.9	0.90	4.6	0.90	4.3	0.80	4.2	0.80	4.0	0.80	3.7	0.80	
15	14	4.9	0.90	4.6	0.80	4.3	0.80	4.2	0.80	4.0	0.80	3.7	0.80	
50%	-20	-20	3.7	1.90	3.5	1.70	3.3	1.60	3.2	1.50	3.1	1.50	2.9	1.40
	-19	-19	3.7	1.80	3.5	1.70	3.3	1.50	3.2	1.50	3.1	1.40	2.9	1.40
	-17	-17	3.7	1.70	3.5	1.50	3.3	1.40	3.2	1.40	3.1	1.40	2.9	1.30
	-15	-15	3.7	1.60	3.5	1.50	3.3	1.40	3.2	1.40	3.1	1.30	2.9	1.20
	-13	-13	3.7	1.50	3.5	1.40	3.3	1.40	3.2	1.30	3.1	1.20	2.9	1.10
	-11	-11	3.7	1.40	3.5	1.40	3.3	1.30	3.2	1.20	3.1	1.20	2.9	1.10
	-10	-10	3.7	1.40	3.5	1.30	3.3	1.20	3.2	1.10	3.1	1.10	2.9	1.00
	-9	-9	3.7	1.30	3.5	1.20	3.3	1.10	3.2	1.10	3.1	1.10	2.9	1.00
	-7	-8	3.7	1.30	3.5	1.20	3.3	1.10	3.2	1.10	3.1	1.00	2.9	0.90
	-5	-6	3.7	1.20	3.5	1.10	3.3	1.00	3.2	1.00	3.1	1.00	2.9	0.90
	-3	-4	3.7	1.10	3.5	1.00	3.3	0.90	3.2	0.90	3.1	0.90	2.9	0.80
	0	-1	3.7	1.00	3.5	0.90	3.3	0.90	3.2	0.80	3.1	0.80	2.9	0.80
	3	2	3.7	0.90	3.5	0.90	3.3	0.80	3.2	0.80	3.1	0.80	2.9	0.80
	5	4	3.7	0.90	3.5	0.80	3.3	0.80	3.2	0.80	3.1	0.80	2.9	0.80
	7	6	4.0	0.90	3.7	0.80	3.5	0.80	3.4	0.80	3.3	0.80	3.1	0.70
9	8	4.0	0.80	3.8	0.80	3.6	0.80	3.5	0.80	3.3	0.70	3.2	0.70	
11	10	4.0	0.80	3.8	0.80	3.6	0.80	3.5	0.70	3.3	0.70	3.2	0.70	
13	12	4.0	0.80	3.8	0.80	3.6	0.70	3.5	0.70	3.3	0.70	3.2	0.60	
15	14	4.0	0.80	3.8	0.80	3.6	0.70	3.5	0.70	3.3	0.70	3.2	0.60	

※ Peak value : Tested without defrost operation in accordance with EN14511

2. Outdoor Units

2-8. Capacity table (A2A)

AE090MXTPEH/EU

Heating

Combination % (Capacity index)	Outdoor temperature (°C)		Indoor temperature (DB, °C)											
			16		18		20		21		22		24	
	DB	WB	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	-20	-20	7.9	3.50	7.9	3.70	7.7	3.80	7.9	3.80	7.9	3.80	7.9	3.90
	-19	-19	8.2	3.50	8.2	3.70	7.9	3.80	8.1	3.80	8.1	3.90	8.1	4.00
	-17	-17	8.6	3.70	8.6	3.80	8.4	3.90	8.6	3.90	8.6	4.00	8.6	4.00
	-15	-15	9.1	3.90	9.1	4.00	8.8	4.10	9.0	4.10	9.0	4.10	8.6	3.90
	-13	-13	9.5	4.00	9.5	4.00	9.3	4.10	9.5	4.10	9.2	4.00	8.6	3.50
	-11	-11	10.0	4.00	10.0	4.10	9.5	4.00	9.5	3.90	9.2	3.70	8.6	3.30
	-10	-10	10.2	3.90	10.2	4.00	9.5	3.80	9.5	3.50	9.2	3.40	8.6	3.10
	-9	-9	10.5	4.00	10.4	4.00	9.5	3.70	9.5	3.50	9.2	3.30	8.6	3.00
	-7	-8	10.9	4.00	10.4	3.80	9.5	3.40	9.5	3.30	9.2	3.20	8.6	2.90
	-5	-6	11.0	3.90	10.4	3.50	9.5	3.30	9.5	3.10	9.2	3.00	8.6	2.80
	-3	-4	11.0	3.40	10.4	3.20	9.5	3.00	9.5	2.90	9.2	2.70	8.6	2.50
	0	-1	11.0	3.20	10.4	3.00	9.5	2.80	9.5	2.70	9.2	2.60	8.6	2.40
	3	2	11.0	3.00	10.4	2.80	9.5	2.60	9.5	2.50	9.2	2.40	8.6	2.20
	5	4	11.0	2.90	10.4	2.70	9.5	2.50	9.5	2.40	9.2	2.30	8.6	2.10
	7	6	10.9	2.70	10.3	2.60	9.5	2.40	9.7	3.50	7.9	3.50	7.9	3.50
	9	8	11.2	2.60	10.6	2.40	10.0	2.30	9.7	2.20	9.3	2.10	8.7	2.00
11	10	11.2	2.50	10.6	2.40	10.0	2.20	9.7	2.10	9.3	2.00	8.7	1.90	
13	12	11.2	2.40	10.6	2.30	10.0	2.10	9.7	2.00	9.3	2.00	8.7	1.80	
15	14	11.2	2.30	10.6	2.20	10.0	2.10	9.7	2.00	9.3	1.90	8.7	1.80	
90%	-20	-20	7.3	3.70	7.3	3.80	7.3	3.90	7.3	3.90	7.3	4.00	7.0	4.00
	-19	-19	7.5	3.80	7.5	3.90	7.5	3.90	7.5	4.00	7.5	4.00	7.0	3.80
	-17	-17	7.9	3.90	7.9	3.90	7.9	4.00	7.9	4.00	7.6	3.90	7.0	3.50
	-15	-15	8.4	4.00	8.3	4.10	8.2	4.00	7.9	3.90	7.6	3.70	7.0	3.30
	-13	-13	8.8	4.10	8.7	4.10	8.2	3.80	7.9	3.50	7.6	3.40	7.0	3.10
	-11	-11	9.2	4.10	8.7	3.80	8.2	3.50	7.9	3.30	7.6	3.20	7.0	2.90
	-10	-10	9.2	3.90	8.7	3.50	8.2	3.20	7.9	3.10	7.6	3.00	7.0	2.70
	-9	-9	9.2	3.80	8.7	3.40	8.2	3.20	7.9	3.00	7.6	2.90	7.0	2.70
	-7	-8	9.2	3.50	8.7	3.30	8.2	3.00	7.9	2.90	7.6	2.80	7.0	2.60
	-5	-6	9.2	3.30	8.7	3.10	8.2	2.90	7.9	2.80	7.6	2.70	7.0	2.50
	-3	-4	9.2	3.00	8.7	2.80	8.2	2.60	7.9	2.50	7.6	2.40	7.0	2.20
	0	-1	9.2	2.80	8.7	2.60	8.2	2.40	7.9	2.40	7.6	2.30	7.0	2.10
	3	2	9.2	2.60	8.7	2.50	8.2	2.30	7.9	2.20	7.6	2.10	7.0	2.00
	5	4	9.2	2.50	8.7	2.40	8.2	2.20	7.9	2.10	7.6	2.10	7.0	1.90
	7	6	9.8	2.40	9.3	2.30	8.8	2.10	8.4	2.00	8.1	2.00	7.6	1.80
	9	8	9.9	2.30	9.4	2.20	8.9	2.00	8.6	1.90	8.2	1.90	7.7	1.70
11	10	9.9	2.20	9.4	2.10	8.9	2.00	8.6	1.90	8.2	1.80	7.7	1.70	
13	12	9.9	2.20	9.4	2.00	8.9	1.90	8.6	1.80	8.2	1.80	7.7	1.60	
15	14	9.9	2.10	9.4	2.00	8.9	1.80	8.6	1.80	8.2	1.70	7.7	1.60	
80%	-20	-20	7.3	3.90	7.3	4.00	7.3	4.00	6.9	3.90	6.7	3.70	6.3	3.30
	-19	-19	7.5	3.90	7.5	4.00	7.3	3.90	6.9	3.80	6.7	3.50	6.3	3.20
	-17	-17	7.9	4.00	7.7	3.90	7.3	3.50	6.9	3.40	6.7	3.30	6.3	3.00
	-15	-15	8.2	4.00	7.7	3.80	7.3	3.40	6.9	3.30	6.7	3.10	6.3	2.90
	-13	-13	8.2	3.80	7.7	3.40	7.3	3.20	6.9	3.10	6.7	2.90	6.3	2.70
	-11	-11	8.2	3.50	7.7	3.20	7.3	3.00	6.9	2.90	6.7	2.80	6.3	2.60
	-10	-10	8.2	3.30	7.7	3.00	7.3	2.80	6.9	2.70	6.7	2.60	6.3	2.40
	-9	-9	8.2	3.20	7.7	3.00	7.3	2.70	6.9	2.60	6.7	2.50	6.3	2.30
	-7	-8	8.2	3.00	7.7	2.80	7.3	2.60	6.9	2.50	6.7	2.40	6.3	2.30
	-5	-6	8.2	2.90	7.7	2.70	7.3	2.50	6.9	2.40	6.7	2.30	6.3	2.10
	-3	-4	8.2	2.60	7.7	2.50	7.3	2.30	6.9	2.20	6.7	2.10	6.3	2.00
	0	-1	8.2	2.50	7.7	2.30	7.3	2.10	6.9	2.10	6.7	2.00	6.3	1.80
	3	2	8.2	2.30	7.7	2.20	7.3	2.00	6.9	1.90	6.7	1.90	6.3	1.70
	5	4	8.2	2.20	7.7	2.10	7.3	1.90	6.9	1.90	6.7	1.80	6.3	1.70
	7	6	8.8	2.10	8.2	2.00	7.8	1.90	7.5	1.80	7.3	1.70	6.7	1.60
	9	8	8.9	2.00	8.3	1.90	7.9	1.80	7.6	1.70	7.4	1.70	6.8	1.50
11	10	8.9	2.00	8.3	1.80	7.9	1.70	7.6	1.70	7.4	1.60	6.8	1.50	
13	12	8.9	1.90	8.3	1.80	7.9	1.70	7.6	1.60	7.4	1.60	6.8	1.50	
15	14	8.9	1.80	8.3	1.70	7.9	1.60	7.6	1.60	7.4	1.50	6.8	1.40	

※ Peak value : Tested without defrost operation in accordance with EN14511

2. Outdoor Units

2-8. Capacity table (A2A)

AE090MXTPEH/EU

Heating

Combination % (Capacity index)	Outdoor temperature (°C)		Indoor temperature (DB, °C)											
			16		18		20		21		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70%	DB	WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
	-20	-20	7.2	4.00	6.7	3.70	6.3	3.40	6.1	3.20	5.9	3.10	5.5	2.80
	-19	-19	7.2	3.80	6.7	3.50	6.3	3.20	6.1	3.10	5.9	3.00	5.5	2.70
	-17	-17	7.2	3.50	6.7	3.20	6.3	3.00	6.1	2.90	5.9	2.80	5.5	2.60
	-15	-15	7.2	3.30	6.7	3.10	6.3	2.90	6.1	2.80	5.9	2.70	5.5	2.50
	-13	-13	7.2	3.10	6.7	2.90	6.3	2.70	6.1	2.60	5.9	2.50	5.5	2.30
	-11	-11	7.2	3.00	6.7	2.80	6.3	2.60	6.1	2.50	5.9	2.40	5.5	2.20
	-10	-10	7.2	2.80	6.7	2.60	6.3	2.40	6.1	2.30	5.9	2.20	5.5	2.10
	-9	-9	7.2	2.70	6.7	2.50	6.3	2.40	6.1	2.30	5.9	2.20	5.5	2.00
	-7	-8	7.2	2.60	6.7	2.40	6.3	2.30	6.1	2.20	5.9	2.10	5.5	2.00
	-5	-6	7.2	2.50	6.7	2.30	6.3	2.20	6.1	2.10	5.9	2.00	5.5	1.90
	-3	-4	7.2	2.30	6.7	2.10	6.3	2.00	6.1	1.90	5.9	1.80	5.5	1.70
	0	-1	7.2	2.10	6.7	2.00	6.3	1.80	6.1	1.80	5.9	1.70	5.5	1.60
	3	2	7.2	2.00	6.7	1.90	6.3	1.70	6.1	1.70	5.9	1.60	5.5	1.50
	5	4	7.2	1.90	6.7	1.80	6.3	1.70	6.1	1.60	5.9	1.60	5.5	1.50
7	6	7.7	1.80	7.2	1.70	6.7	1.60	6.5	1.60	6.3	1.50	5.9	1.40	
9	8	7.8	1.80	7.3	1.60	6.8	1.50	6.6	1.50	6.4	1.50	5.9	1.40	
11	10	7.8	1.70	7.3	1.60	6.8	1.50	6.6	1.50	6.4	1.40	5.9	1.30	
13	12	7.8	1.60	7.3	1.50	6.8	1.50	6.6	1.40	6.4	1.40	5.9	1.30	
15	14	7.8	1.60	7.3	1.50	6.8	1.40	6.6	1.40	6.4	1.30	5.9	1.10	
60%	-20	-20	6.1	3.20	5.7	3.00	5.4	2.80	5.2	2.70	5.1	2.60	4.7	2.40
	-19	-19	6.1	3.10	5.7	2.90	5.4	2.70	5.2	2.60	5.1	2.50	4.7	2.30
	-17	-17	6.1	2.90	5.7	2.70	5.4	2.50	5.2	2.40	5.1	2.30	4.7	2.20
	-15	-15	6.1	2.80	5.7	2.60	5.4	2.40	5.2	2.30	5.1	2.20	4.7	2.10
	-13	-13	6.1	2.60	5.7	2.40	5.4	2.30	5.2	2.20	5.1	2.10	4.7	2.00
	-11	-11	6.1	2.50	5.7	2.30	5.4	2.20	5.2	2.10	5.1	2.00	4.7	1.90
	-10	-10	6.1	2.30	5.7	2.20	5.4	2.00	5.2	2.00	5.1	1.90	4.7	1.80
	-9	-9	6.1	2.30	5.7	2.10	5.4	2.00	5.2	1.90	5.1	1.90	4.7	1.70
	-7	-8	6.1	2.20	5.7	2.00	5.4	1.90	5.2	1.90	5.1	1.80	4.7	1.70
	-5	-6	6.1	2.10	5.7	2.00	5.4	1.80	5.2	1.80	5.1	1.70	4.7	1.60
	-3	-4	6.1	1.90	5.7	1.80	5.4	1.70	5.2	1.60	5.1	1.60	4.7	1.50
	0	-1	6.1	1.80	5.7	1.70	5.4	1.60	5.2	1.50	5.1	1.50	4.7	1.40
	3	2	6.1	1.70	5.7	1.60	5.4	1.50	5.2	1.40	5.1	1.40	4.7	1.30
	5	4	6.1	1.60	5.7	1.50	5.4	1.40	5.2	1.40	5.1	1.40	4.7	1.30
	7	6	6.5	1.60	6.1	1.50	5.8	1.40	5.6	1.30	5.4	1.30	5.0	1.10
9	8	6.6	1.50	6.2	1.40	5.8	1.30	5.7	1.30	5.5	1.10	5.1	1.10	
11	10	6.6	1.50	6.2	1.40	5.8	1.30	5.7	1.30	5.5	1.10	5.1	1.00	
13	12	6.6	1.40	6.2	1.30	5.8	1.30	5.7	1.10	5.5	1.10	5.1	1.00	
15	14	6.6	1.40	6.2	1.30	5.8	1.10	5.7	1.10	5.5	1.00	5.1	1.00	
50%	-20	-20	5.1	2.60	4.8	2.40	4.5	2.30	4.4	2.20	4.2	2.10	4.0	1.90
	-19	-19	5.1	2.50	4.8	2.30	4.5	2.20	4.4	2.10	4.2	2.00	4.0	1.90
	-17	-17	5.1	2.30	4.8	2.20	4.5	2.00	4.4	2.00	4.2	1.90	4.0	1.80
	-15	-15	5.1	2.30	4.8	2.10	4.5	2.00	4.4	1.90	4.2	1.80	4.0	1.70
	-13	-13	5.1	2.10	4.8	2.00	4.5	1.90	4.4	1.80	4.2	1.70	4.0	1.60
	-11	-11	5.1	2.00	4.8	1.90	4.5	1.80	4.4	1.70	4.2	1.70	4.0	1.60
	-10	-10	5.1	1.90	4.8	1.80	4.5	1.70	4.4	1.60	4.2	1.60	4.0	1.50
	-9	-9	5.1	1.90	4.8	1.80	4.5	1.60	4.4	1.60	4.2	1.50	4.0	1.40
	-7	-8	5.1	1.80	4.8	1.70	4.5	1.60	4.4	1.50	4.2	1.50	4.0	1.40
	-5	-6	5.1	1.70	4.8	1.60	4.5	1.50	4.4	1.50	4.2	1.40	4.0	1.30
	-3	-4	5.1	1.60	4.8	1.50	4.5	1.40	4.4	1.40	4.2	1.30	4.0	1.10
	0	-1	5.1	1.50	4.8	1.40	4.5	1.30	4.4	1.30	4.2	1.10	4.0	1.10
	3	2	5.1	1.40	4.8	1.30	4.5	1.30	4.4	1.10	4.2	1.10	4.0	1.00
	5	4	5.1	1.40	4.8	1.30	4.5	1.10	4.4	1.10	4.2	1.00	4.0	1.00
	7	6	5.4	1.30	5.1	1.10	4.8	1.10	4.7	1.00	4.5	1.00	4.2	0.90
9	8	5.5	1.30	5.2	1.10	4.9	1.00	4.7	1.00	4.6	1.00	4.3	0.90	
11	10	5.5	1.10	5.2	1.10	4.9	1.00	4.7	1.00	4.6	0.90	4.3	0.90	
13	12	5.5	1.10	5.2	1.00	4.9	1.00	4.7	0.90	4.6	0.90	4.3	0.80	
15	14	5.5	1.10	5.2	1.00	4.9	0.90	4.7	0.90	4.6	0.90	4.3	0.80	

※ Peak value : Tested without defrost operation in accordance with EN14511

2. Outdoor Units

2-8. Capacity table (A2A)

AE090MXTPGH/EU

Heating

Combination % (Capacity index)	Outdoor temperature (°C)		Indoor temperature (DB, °C)											
			16		18		20		21		22		24	
	DB	WB	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	-20	-20	7.9	3.70	7.9	3.80	7.7	3.90	7.9	3.90	7.9	3.90	7.9	4.10
	-19	-19	8.2	3.70	8.2	3.80	7.9	3.90	8.1	3.90	8.1	4.10	8.1	4.20
	-17	-17	8.6	3.80	8.6	3.90	8.4	4.10	8.6	4.10	8.6	4.20	8.6	4.20
	-15	-15	9.1	4.10	9.1	4.20	8.8	4.30	9.0	4.30	9.0	4.30	8.6	4.10
	-13	-13	9.5	4.20	9.5	4.20	9.3	4.30	9.5	4.30	9.2	4.20	8.6	3.70
	-11	-11	10.0	4.20	10.0	4.30	9.5	4.20	9.5	4.10	9.2	3.80	8.6	3.50
	-10	-10	10.2	4.10	10.2	4.20	9.5	3.90	9.5	3.70	9.2	3.60	8.6	3.30
	-9	-9	10.5	4.20	10.4	4.20	9.5	3.80	9.5	3.70	9.2	3.50	8.6	3.20
	-7	-8	10.9	4.20	10.4	3.90	9.5	3.60	9.5	3.50	9.2	3.40	8.6	3.10
	-5	-6	11.0	4.10	10.4	3.70	9.5	3.50	9.5	3.30	9.2	3.20	8.6	3.00
	-3	-4	11.0	3.60	10.4	3.40	9.5	3.20	9.5	3.10	9.2	2.80	8.6	2.60
	0	-1	11.0	3.40	10.4	3.20	9.5	3.00	9.5	2.80	9.2	2.70	8.6	2.50
	3	2	11.0	3.20	10.4	3.00	9.5	2.70	9.5	2.60	9.2	2.50	8.6	2.30
	5	4	11.0	3.10	10.4	2.80	9.5	2.60	9.5	2.50	9.2	2.40	8.6	2.20
	7	6	10.9	2.80	10.3	2.70	9.5	2.52	9.4	2.40	9.1	2.30	8.4	2.10
	9	8	11.2	2.70	10.6	2.50	10.0	2.40	9.7	2.30	9.3	2.20	8.7	2.10
11	10	11.2	2.60	10.6	2.50	10.0	2.30	9.7	2.20	9.3	2.10	8.7	2.00	
13	12	11.2	2.50	10.6	2.40	10.0	2.20	9.7	2.10	9.3	2.10	8.7	1.90	
15	14	11.2	2.40	10.6	2.30	10.0	2.20	9.7	2.10	9.3	2.00	8.7	1.90	
90%	-20	-20	7.3	3.80	7.3	3.90	7.3	4.10	7.3	4.10	7.3	4.20	7.0	4.20
	-19	-19	7.5	3.90	7.5	4.10	7.5	4.10	7.5	4.20	7.5	4.20	7.0	3.90
	-17	-17	7.9	4.10	7.9	4.10	7.9	4.20	7.9	4.20	7.6	4.10	7.0	3.70
	-15	-15	8.4	4.20	8.3	4.30	8.2	4.20	7.9	4.10	7.6	3.80	7.0	3.50
	-13	-13	8.8	4.30	8.7	4.30	8.2	3.90	7.9	3.70	7.6	3.60	7.0	3.30
	-11	-11	9.2	4.30	8.7	3.90	8.2	3.70	7.9	3.50	7.6	3.40	7.0	3.10
	-10	-10	9.2	4.10	8.7	3.70	8.2	3.40	7.9	3.30	7.6	3.20	7.0	2.80
	-9	-9	9.2	3.90	8.7	3.60	8.2	3.40	7.9	3.20	7.6	3.10	7.0	2.80
	-7	-8	9.2	3.70	8.7	3.50	8.2	3.20	7.9	3.10	7.6	3.00	7.0	2.70
	-5	-6	9.2	3.50	8.7	3.30	8.2	3.10	7.9	3.00	7.6	2.80	7.0	2.60
	-3	-4	9.2	3.20	8.7	3.00	8.2	2.70	7.9	2.60	7.6	2.50	7.0	2.30
	0	-1	9.2	3.00	8.7	2.70	8.2	2.50	7.9	2.50	7.6	2.40	7.0	2.20
	3	2	9.2	2.70	8.7	2.60	8.2	2.40	7.9	2.30	7.6	2.20	7.0	2.10
	5	4	9.2	2.60	8.7	2.50	8.2	2.30	7.9	2.20	7.6	2.20	7.0	2.00
	7	6	9.8	2.50	9.3	2.40	8.8	2.20	8.4	2.10	8.1	2.10	7.6	1.90
	9	8	9.9	2.40	9.4	2.30	8.9	2.10	8.6	2.00	8.2	2.00	7.7	1.80
11	10	9.9	2.30	9.4	2.20	8.9	2.10	8.6	2.00	8.2	1.90	7.7	1.80	
13	12	9.9	2.30	9.4	2.10	8.9	2.00	8.6	1.90	8.2	1.90	7.7	1.60	
15	14	9.9	2.20	9.4	2.10	8.9	1.90	8.6	1.90	8.2	1.80	7.7	1.60	
80%	-20	-20	7.3	4.10	7.3	4.20	7.3	4.20	6.9	4.10	6.7	3.80	6.3	3.50
	-19	-19	7.5	4.10	7.5	4.20	7.3	4.10	6.9	3.90	6.7	3.70	6.3	3.40
	-17	-17	7.9	4.20	7.7	4.10	7.3	3.70	6.9	3.60	6.7	3.50	6.3	3.20
	-15	-15	8.2	4.20	7.7	3.90	7.3	3.60	6.9	3.50	6.7	3.30	6.3	3.10
	-13	-13	8.2	3.90	7.7	3.60	7.3	3.40	6.9	3.30	6.7	3.10	6.3	2.80
	-11	-11	8.2	3.70	7.7	3.40	7.3	3.20	6.9	3.10	6.7	3.00	6.3	2.70
	-10	-10	8.2	3.50	7.7	3.20	7.3	3.00	6.9	2.80	6.7	2.70	6.3	2.50
	-9	-9	8.2	3.40	7.7	3.20	7.3	2.80	6.9	2.70	6.7	2.60	6.3	2.40
	-7	-8	8.2	3.20	7.7	3.00	7.3	2.70	6.9	2.60	6.7	2.50	6.3	2.40
	-5	-6	8.2	3.10	7.7	2.80	7.3	2.60	6.9	2.50	6.7	2.40	6.3	2.20
	-3	-4	8.2	2.70	7.7	2.60	7.3	2.40	6.9	2.30	6.7	2.20	6.3	2.10
	0	-1	8.2	2.60	7.7	2.40	7.3	2.20	6.9	2.20	6.7	2.10	6.3	1.90
	3	2	8.2	2.40	7.7	2.30	7.3	2.10	6.9	2.00	6.7	2.00	6.3	1.80
	5	4	8.2	2.30	7.7	2.20	7.3	2.00	6.9	2.00	6.7	1.90	6.3	1.80
	7	6	8.8	2.20	8.2	2.10	7.8	2.00	7.5	1.90	7.3	1.80	6.7	1.60
	9	8	8.9	2.10	8.3	2.00	7.9	1.90	7.6	1.80	7.4	1.80	6.8	1.50
11	10	8.9	2.10	8.3	1.90	7.9	1.80	7.6	1.80	7.4	1.60	6.8	1.50	
13	12	8.9	2.00	8.3	1.90	7.9	1.80	7.6	1.60	7.4	1.60	6.8	1.50	
15	14	8.9	1.90	8.3	1.80	7.9	1.60	7.6	1.60	7.4	1.50	6.8	1.40	

※ Peak value : Tested without defrost operation in accordance with EN14511

2. Outdoor Units

2-8. Capacity table (A2A)

AE090MXTPGH/EU

Heating

Combination % (Capacity index)	Outdoor temperature (°C)		Indoor temperature (DB, °C)											
			16		18		20		21		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70%	-20	-20	7.2	4.20	6.7	3.80	6.3	3.60	6.1	3.40	5.9	3.30	5.5	3.00
	-19	-19	7.2	3.90	6.7	3.70	6.3	3.40	6.1	3.30	5.9	3.20	5.5	2.80
	-17	-17	7.2	3.70	6.7	3.40	6.3	3.20	6.1	3.10	5.9	3.00	5.5	2.70
	-15	-15	7.2	3.50	6.7	3.30	6.3	3.10	6.1	3.00	5.9	2.80	5.5	2.60
	-13	-13	7.2	3.30	6.7	3.10	6.3	2.80	6.1	2.70	5.9	2.60	5.5	2.40
	-11	-11	7.2	3.20	6.7	3.00	6.3	2.70	6.1	2.60	5.9	2.50	5.5	2.30
	-10	-10	7.2	3.00	6.7	2.70	6.3	2.50	6.1	2.40	5.9	2.30	5.5	2.20
	-9	-9	7.2	2.80	6.7	2.60	6.3	2.50	6.1	2.40	5.9	2.30	5.5	2.10
	-7	-8	7.2	2.70	6.7	2.50	6.3	2.40	6.1	2.30	5.9	2.20	5.5	2.10
	-5	-6	7.2	2.60	6.7	2.40	6.3	2.30	6.1	2.20	5.9	2.10	5.5	2.00
	-3	-4	7.2	2.40	6.7	2.20	6.3	2.10	6.1	2.00	5.9	1.90	5.5	1.80
	0	-1	7.2	2.20	6.7	2.10	6.3	1.90	6.1	1.90	5.9	1.80	5.5	1.60
	3	2	7.2	2.10	6.7	2.00	6.3	1.80	6.1	1.80	5.9	1.60	5.5	1.50
	5	4	7.2	2.00	6.7	1.90	6.3	1.80	6.1	1.60	5.9	1.60	5.5	1.50
	7	6	7.7	1.90	7.2	1.80	6.7	1.60	6.5	1.60	6.3	1.50	5.9	1.40
9	8	7.8	1.90	7.3	1.60	6.8	1.50	6.6	1.50	6.4	1.50	5.9	1.40	
11	10	7.8	1.80	7.3	1.60	6.8	1.50	6.6	1.50	6.4	1.40	5.9	1.30	
13	12	7.8	1.60	7.3	1.50	6.8	1.50	6.6	1.40	6.4	1.40	5.9	1.30	
15	14	7.8	1.60	7.3	1.50	6.8	1.40	6.6	1.40	6.4	1.30	5.9	1.20	
60%	-20	-20	6.1	3.40	5.7	3.20	5.4	3.00	5.2	2.80	5.1	2.70	4.7	2.50
	-19	-19	6.1	3.30	5.7	3.10	5.4	2.80	5.2	2.70	5.1	2.60	4.7	2.40
	-17	-17	6.1	3.10	5.7	2.80	5.4	2.60	5.2	2.50	5.1	2.40	4.7	2.30
	-15	-15	6.1	3.00	5.7	2.70	5.4	2.50	5.2	2.40	5.1	2.30	4.7	2.20
	-13	-13	6.1	2.70	5.7	2.50	5.4	2.40	5.2	2.30	5.1	2.20	4.7	2.10
	-11	-11	6.1	2.60	5.7	2.40	5.4	2.30	5.2	2.20	5.1	2.10	4.7	2.00
	-10	-10	6.1	2.40	5.7	2.30	5.4	2.10	5.2	2.10	5.1	2.00	4.7	1.90
	-9	-9	6.1	2.40	5.7	2.20	5.4	2.10	5.2	2.00	5.1	2.00	4.7	1.80
	-7	-8	6.1	2.30	5.7	2.10	5.4	2.00	5.2	2.00	5.1	1.90	4.7	1.80
	-5	-6	6.1	2.20	5.7	2.10	5.4	1.90	5.2	1.90	5.1	1.80	4.7	1.60
	-3	-4	6.1	2.00	5.7	1.90	5.4	1.80	5.2	1.60	5.1	1.60	4.7	1.50
	0	-1	6.1	1.90	5.7	1.80	5.4	1.60	5.2	1.50	5.1	1.50	4.7	1.40
	3	2	6.1	1.80	5.7	1.60	5.4	1.50	5.2	1.40	5.1	1.40	4.7	1.30
	5	4	6.1	1.60	5.7	1.50	5.4	1.40	5.2	1.40	5.1	1.40	4.7	1.30
	7	6	6.5	1.60	6.1	1.50	5.8	1.40	5.6	1.30	5.4	1.30	5.0	1.20
9	8	6.6	1.50	6.2	1.40	5.8	1.30	5.7	1.30	5.5	1.20	5.1	1.20	
11	10	6.6	1.50	6.2	1.40	5.8	1.30	5.7	1.30	5.5	1.20	5.1	1.10	
13	12	6.6	1.40	6.2	1.30	5.8	1.30	5.7	1.20	5.5	1.20	5.1	1.10	
15	14	6.6	1.40	6.2	1.30	5.8	1.20	5.7	1.20	5.5	1.10	5.1	1.10	
50%	-20	-20	5.1	2.70	4.8	2.50	4.5	2.40	4.4	2.30	4.2	2.20	4.0	2.00
	-19	-19	5.1	2.60	4.8	2.40	4.5	2.30	4.4	2.20	4.2	2.10	4.0	2.00
	-17	-17	5.1	2.40	4.8	2.30	4.5	2.10	4.4	2.10	4.2	2.00	4.0	1.90
	-15	-15	5.1	2.40	4.8	2.20	4.5	2.10	4.4	2.00	4.2	1.90	4.0	1.80
	-13	-13	5.1	2.20	4.8	2.10	4.5	2.00	4.4	1.90	4.2	1.80	4.0	1.60
	-11	-11	5.1	2.10	4.8	2.00	4.5	1.90	4.4	1.80	4.2	1.80	4.0	1.60
	-10	-10	5.1	2.00	4.8	1.90	4.5	1.80	4.4	1.60	4.2	1.60	4.0	1.50
	-9	-9	5.1	2.00	4.8	1.90	4.5	1.60	4.4	1.60	4.2	1.50	4.0	1.40
	-7	-8	5.1	1.90	4.8	1.80	4.5	1.60	4.4	1.50	4.2	1.50	4.0	1.40
	-5	-6	5.1	1.80	4.8	1.60	4.5	1.50	4.4	1.50	4.2	1.40	4.0	1.30
	-3	-4	5.1	1.60	4.8	1.50	4.5	1.40	4.4	1.40	4.2	1.30	4.0	1.20
	0	-1	5.1	1.50	4.8	1.40	4.5	1.30	4.4	1.30	4.2	1.20	4.0	1.20
	3	2	5.1	1.40	4.8	1.30	4.5	1.30	4.4	1.20	4.2	1.20	4.0	1.10
	5	4	5.1	1.40	4.8	1.30	4.5	1.20	4.4	1.20	4.2	1.10	4.0	1.10
	7	6	5.4	1.30	5.1	1.20	4.8	1.20	4.7	1.10	4.5	1.10	4.2	1.00
9	8	5.5	1.30	5.2	1.20	4.9	1.10	4.7	1.10	4.6	1.10	4.3	1.00	
11	10	5.5	1.20	5.2	1.20	4.9	1.10	4.7	1.10	4.6	1.00	4.3	1.00	
13	12	5.5	1.20	5.2	1.10	4.9	1.10	4.7	1.00	4.6	1.00	4.3	0.90	
15	14	5.5	1.20	5.2	1.10	4.9	1.00	4.7	1.00	4.6	1.00	4.3	0.90	

※ Peak value : Tested without defrost operation in accordance with EN14511

2. Outdoor Units

2-8. Capacity table (A2A)

AE120MXTP*H/EU

Heating

Combination % (Capacity index)	Outdoor temperature (°C)		Indoor temperature (DB, °C)											
			16		18		20		21		22		24	
	DB	WB	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	-20	-20	10.6	4.80	10.5	5.00	10.5	5.10	10.5	5.20	10.5	5.20	10.5	5.30
	-19	-19	10.9	4.90	10.9	5.00	10.8	5.20	10.8	5.20	10.8	5.30	10.8	5.40
	-17	-17	11.5	5.00	11.5	5.20	11.4	5.30	11.4	5.30	11.4	5.40	11.4	5.50
	-15	-15	12.1	5.30	12.1	5.40	12.1	5.50	12.0	5.60	12.0	5.60	11.4	5.30
	-13	-13	12.8	5.40	12.8	5.50	12.5	5.60	12.7	5.60	12.3	5.40	11.4	4.90
	-11	-11	13.4	5.50	13.4	5.60	12.7	5.50	12.7	5.30	12.3	5.10	11.4	4.60
	-10	-10	13.7	5.30	13.7	5.40	12.7	5.10	12.7	4.90	12.3	4.70	11.4	4.40
	-9	-9	14.0	5.40	13.9	5.40	12.7	5.00	12.7	4.80	12.3	4.60	11.4	4.30
	-7	-8	14.5	5.40	13.9	5.20	12.7	4.80	12.7	4.60	12.3	4.40	11.4	4.00
	-5	-6	14.7	5.30	13.9	4.90	12.7	4.60	12.7	4.40	12.3	4.20	11.4	3.80
	-3	-4	14.7	4.80	13.9	4.50	12.7	4.20	12.7	3.90	12.3	3.80	11.4	3.50
	0	-1	14.7	4.50	13.9	4.20	12.7	3.80	12.7	3.70	12.3	3.50	11.4	3.20
	3	2	14.7	4.20	13.9	3.80	12.7	3.60	12.7	3.40	12.3	3.30	11.4	3.10
	5	4	14.7	3.90	13.9	3.70	12.7	3.40	12.7	3.30	12.3	3.20	11.4	2.90
	7	6	14.7	3.80	13.9	3.50	12.7	3.30	12.7	3.20	12.3	3.00	11.4	2.80
9	8	14.7	3.60	13.9	3.40	13.0	3.10	12.7	3.00	12.3	2.90	11.4	2.70	
11	10	14.7	3.50	13.9	3.20	13.0	3.00	12.7	2.90	12.3	2.80	11.4	2.60	
13	12	14.7	3.30	13.9	3.10	13.0	2.90	12.7	2.80	12.3	2.70	11.4	2.40	
15	14	14.7	3.20	13.9	3.00	13.0	2.80	12.7	2.70	12.3	2.60	11.4	2.30	
90%	-20	-20	10.5	5.60	10.5	5.70	10.5	5.90	10.5	6.00	10.5	6.00	10.3	6.00
	-19	-19	10.8	5.60	10.8	5.70	10.8	6.00	10.8	6.00	10.8	6.10	10.3	5.70
	-17	-17	11.4	5.70	11.4	6.00	11.4	6.10	11.4	6.10	11.0	5.90	10.3	5.30
	-15	-15	12.1	6.10	12.0	6.20	11.8	6.10	11.4	5.90	11.0	5.50	10.3	5.10
	-13	-13	12.8	6.20	12.6	6.20	11.8	5.60	11.4	5.40	11.0	5.20	10.3	4.80
	-11	-11	13.3	6.30	12.6	5.70	11.8	5.30	11.4	5.10	11.0	4.90	10.3	4.50
	-10	-10	13.3	5.90	12.6	5.40	11.8	5.00	11.4	4.80	11.0	4.60	10.3	4.20
	-9	-9	13.3	5.60	12.6	5.20	11.8	4.90	11.4	4.70	11.0	4.50	10.3	4.20
	-7	-8	13.3	5.40	12.6	5.00	11.8	4.70	11.4	4.50	11.0	4.30	10.3	3.90
	-5	-6	13.3	5.10	12.6	4.80	11.8	4.40	11.4	4.30	11.0	4.00	10.3	3.70
	-3	-4	13.3	4.70	12.6	4.30	11.8	4.00	11.4	3.80	11.0	3.70	10.3	3.40
	0	-1	13.3	4.30	12.6	4.00	11.8	3.70	11.4	3.60	11.0	3.40	10.3	3.20
	3	2	13.3	4.00	12.6	3.70	11.8	3.50	11.4	3.30	11.0	3.20	10.3	3.00
	5	4	13.3	3.80	12.6	3.60	11.8	3.30	11.4	3.20	11.0	3.10	10.3	2.90
	7	6	13.3	3.70	12.6	3.40	11.8	3.20	11.4	3.10	11.0	3.00	10.3	2.80
9	8	13.3	3.50	12.6	3.30	11.8	3.10	11.4	2.90	11.0	2.90	10.3	2.60	
11	10	13.3	3.40	12.6	3.20	11.8	3.00	11.4	2.90	11.0	2.80	10.3	2.60	
13	12	13.3	3.30	12.6	3.10	11.8	2.90	11.4	2.80	11.0	2.70	10.3	2.40	
15	14	13.3	3.20	12.6	3.00	11.8	2.80	11.4	2.70	11.0	2.60	10.3	2.30	
80%	-20	-20	10.5	5.90	10.5	6.00	10.5	6.10	10.2	5.90	9.8	5.60	9.1	5.10
	-19	-19	10.8	6.00	10.8	6.10	10.5	5.90	10.2	5.60	9.8	5.40	9.1	4.90
	-17	-17	11.4	6.10	11.1	6.00	10.5	5.40	10.2	5.20	9.8	5.00	9.1	4.60
	-15	-15	11.8	6.10	11.1	5.60	10.5	5.20	10.2	5.00	9.8	4.80	9.1	4.40
	-13	-13	11.8	5.70	11.1	5.30	10.5	4.90	10.2	4.70	9.8	4.50	9.1	4.20
	-11	-11	11.8	5.30	11.1	5.00	10.5	4.60	10.2	4.50	9.8	4.30	9.1	3.90
	-10	-10	11.8	5.00	11.1	4.70	10.5	4.30	10.2	4.20	9.8	3.90	9.1	3.60
	-9	-9	11.8	4.90	11.1	4.60	10.5	4.20	10.2	4.00	9.8	3.80	9.1	3.50
	-7	-8	11.8	4.70	11.1	4.40	10.5	4.00	10.2	3.80	9.8	3.70	9.1	3.40
	-5	-6	11.8	4.50	11.1	4.20	10.5	3.80	10.2	3.70	9.8	3.50	9.1	3.30
	-3	-4	11.8	4.00	11.1	3.70	10.5	3.50	10.2	3.30	9.8	3.20	9.1	3.00
	0	-1	11.8	3.70	11.1	3.50	10.5	3.20	10.2	3.10	9.8	3.00	9.1	2.80
	3	2	11.8	3.50	11.1	3.30	10.5	3.10	10.2	2.90	9.8	2.80	9.1	2.60
	5	4	11.8	3.40	11.1	3.10	10.5	2.90	10.2	2.80	9.8	2.70	9.1	2.60
	7	6	11.8	3.20	11.1	3.00	10.5	2.80	10.2	2.70	9.8	2.60	9.1	2.40
9	8	11.8	3.10	11.1	2.90	10.5	2.70	10.2	2.60	9.8	2.40	9.1	2.30	
11	10	11.8	3.00	11.1	2.80	10.5	2.60	10.2	2.40	9.8	2.30	9.1	2.20	
13	12	11.8	2.90	11.1	2.70	10.5	2.40	10.2	2.30	9.8	2.30	9.1	2.10	
15	14	11.8	2.80	11.1	2.60	10.5	2.40	10.2	2.30	9.8	2.20	9.1	2.10	

※ Peak value : Tested without defrost operation in accordance with EN14511

2. Outdoor Units

2-8. Capacity table (A2A)

AE120MXTP*H/EU

Heating

Combination % (Capacity index)	Outdoor temperature (°C)		Indoor temperature (DB, °C)											
			16		18		20		21		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70%	DB	WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
	-20	-20	10.4	6.10	9.8	5.50	9.1	5.10	8.8	5.00	8.5	4.80	8.0	4.40
	-19	-19	10.4	5.70	9.8	5.30	9.1	5.00	8.8	4.80	8.5	4.60	8.0	4.20
	-17	-17	10.4	5.30	9.8	5.00	9.1	4.60	8.8	4.50	8.5	4.30	8.0	3.90
	-15	-15	10.4	5.10	9.8	4.80	9.1	4.50	8.8	4.30	8.5	4.00	8.0	3.70
	-13	-13	10.4	4.80	9.8	4.50	9.1	4.20	8.8	4.00	8.5	3.80	8.0	3.50
	-11	-11	10.4	4.60	9.8	4.30	9.1	3.90	8.8	3.70	8.5	3.60	8.0	3.30
	-10	-10	10.4	4.30	9.8	3.90	9.1	3.60	8.8	3.50	8.5	3.40	8.0	3.10
	-9	-9	10.4	4.20	9.8	3.80	9.1	3.60	8.8	3.40	8.5	3.30	8.0	3.10
	-7	-8	10.4	3.90	9.8	3.70	9.1	3.40	8.8	3.30	8.5	3.20	8.0	3.00
	-5	-6	10.4	3.70	9.8	3.50	9.1	3.30	8.8	3.20	8.5	3.00	8.0	2.80
	-3	-4	10.4	3.40	9.8	3.20	9.1	3.00	8.8	2.90	8.5	2.80	8.0	2.60
	0	-1	10.4	3.20	9.8	3.00	9.1	2.80	8.8	2.70	8.5	2.60	8.0	2.30
	3	2	10.4	3.00	9.8	2.80	9.1	2.70	8.8	2.60	8.5	2.40	8.0	2.20
	5	4	10.4	2.90	9.8	2.70	9.1	2.60	8.8	2.40	8.5	2.30	8.0	2.10
7	6	10.4	2.80	9.8	2.60	9.1	2.40	8.8	2.30	8.5	2.20	8.0	2.00	
9	8	10.4	2.70	9.8	2.40	9.1	2.30	8.8	2.20	8.5	2.10	8.0	2.00	
11	10	10.4	2.60	9.8	2.30	9.1	2.20	8.8	2.10	8.5	2.00	8.0	1.90	
13	12	10.4	2.40	9.8	2.30	9.1	2.10	8.8	2.10	8.5	2.00	8.0	1.80	
15	14	10.4	2.30	9.8	2.20	9.1	2.10	8.8	2.00	8.5	1.90	8.0	1.80	
60%	-20	-20	8.8	5.00	8.3	4.60	7.8	4.30	7.6	4.00	7.3	3.90	6.8	3.60
	-19	-19	8.8	4.80	8.3	4.50	7.8	4.20	7.6	3.90	7.3	3.80	6.8	3.50
	-17	-17	8.8	4.50	8.3	4.20	7.8	3.80	7.6	3.70	7.3	3.50	6.8	3.30
	-15	-15	8.8	4.30	8.3	3.90	7.8	3.70	7.6	3.50	7.3	3.40	6.8	3.10
	-13	-13	8.8	3.90	8.3	3.70	7.8	3.50	7.6	3.30	7.3	3.20	6.8	3.00
	-11	-11	8.8	3.70	8.3	3.50	7.8	3.30	7.6	3.20	7.3	3.10	6.8	2.80
	-10	-10	8.8	3.50	8.3	3.30	7.8	3.10	7.6	3.00	7.3	2.90	6.8	2.70
	-9	-9	8.8	3.40	8.3	3.20	7.8	3.00	7.6	2.90	7.3	2.80	6.8	2.60
	-7	-8	8.8	3.30	8.3	3.10	7.8	2.90	7.6	2.80	7.3	2.70	6.8	2.40
	-5	-6	8.8	3.20	8.3	3.00	7.8	2.80	7.6	2.70	7.3	2.60	6.8	2.30
	-3	-4	8.8	2.90	8.3	2.70	7.8	2.40	7.6	2.40	7.3	2.30	6.8	2.10
	0	-1	8.8	2.70	8.3	2.60	7.8	2.30	7.6	2.20	7.3	2.10	6.8	2.00
	3	2	8.8	2.60	8.3	2.30	7.8	2.20	7.6	2.10	7.3	2.00	6.8	1.90
	5	4	8.8	2.40	8.3	2.20	7.8	2.10	7.6	2.00	7.3	2.00	6.8	1.80
	7	6	8.8	2.30	8.3	2.10	7.8	2.00	7.6	2.00	7.3	1.90	6.8	1.80
9	8	8.8	2.20	8.3	2.10	7.8	1.90	7.6	1.90	7.3	1.80	6.8	1.70	
11	10	8.8	2.10	8.3	2.00	7.8	1.90	7.6	1.80	7.3	1.80	6.8	1.60	
13	12	8.8	2.10	8.3	1.90	7.8	1.80	7.6	1.80	7.3	1.70	6.8	1.60	
15	14	8.8	2.00	8.3	1.90	7.8	1.80	7.6	1.70	7.3	1.70	6.8	1.60	
50%	-20	-20	7.4	3.90	6.9	3.70	6.5	3.40	6.3	3.30	6.1	3.20	5.7	3.00
	-19	-19	7.4	3.80	6.9	3.50	6.5	3.30	6.3	3.20	6.1	3.10	5.7	2.90
	-17	-17	7.4	3.50	6.9	3.30	6.5	3.10	6.3	3.00	6.1	2.90	5.7	2.70
	-15	-15	7.4	3.40	6.9	3.20	6.5	3.00	6.3	2.90	6.1	2.80	5.7	2.60
	-13	-13	7.4	3.20	6.9	3.00	6.5	2.80	6.3	2.70	6.1	2.70	5.7	2.40
	-11	-11	7.4	3.10	6.9	2.90	6.5	2.70	6.3	2.60	6.1	2.40	5.7	2.30
	-10	-10	7.4	2.90	6.9	2.70	6.5	2.40	6.3	2.40	6.1	2.30	5.7	2.10
	-9	-9	7.4	2.80	6.9	2.70	6.5	2.40	6.3	2.30	6.1	2.20	5.7	2.10
	-7	-8	7.4	2.70	6.9	2.60	6.5	2.30	6.3	2.20	6.1	2.20	5.7	2.00
	-5	-6	7.4	2.60	6.9	2.40	6.5	2.20	6.3	2.10	6.1	2.10	5.7	1.90
	-3	-4	7.4	2.30	6.9	2.20	6.5	2.00	6.3	2.00	6.1	1.90	5.7	1.80
	0	-1	7.4	2.20	6.9	2.00	6.5	1.90	6.3	1.90	6.1	1.80	5.7	1.70
	3	2	7.4	2.00	6.9	1.90	6.5	1.80	6.3	1.80	6.1	1.70	5.7	1.60
	5	4	7.4	2.00	6.9	1.90	6.5	1.80	6.3	1.70	6.1	1.70	5.7	1.60
	7	6	7.4	1.90	6.9	1.80	6.5	1.70	6.3	1.60	6.1	1.60	5.7	1.50
9	8	7.4	1.80	6.9	1.70	6.5	1.60	6.3	1.60	6.1	1.50	5.7	1.40	
11	10	7.4	1.80	6.9	1.70	6.5	1.60	6.3	1.50	6.1	1.50	5.7	1.40	
13	12	7.4	1.70	6.9	1.60	6.5	1.50	6.3	1.50	6.1	1.40	5.7	1.40	
15	14	7.4	1.70	6.9	1.60	6.5	1.50	6.3	1.50	6.1	1.40	5.7	1.30	

※ Peak value : Tested without defrost operation in accordance with EN14511

2. Outdoor Units

2-8. Capacity table (A2A)

AE160MXTP*H/EU

Heating

Combination % (Capacity index)	Outdoor temperature (°C)		Indoor temperature (DB, °C)											
			16		18		20		21		22		24	
	DB	WB	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	-20	-20	10.9	3.60	10.9	3.80	10.9	4.00	10.9	4.10	10.9	4.20	10.9	4.40
	-19	-19	11.2	3.70	11.0	3.90	10.9	4.10	11.0	4.20	11.0	4.30	10.9	4.40
	-17	-17	11.8	3.90	11.8	4.10	11.7	4.30	11.8	4.30	11.8	4.40	11.8	4.60
	-15	-15	12.3	4.20	12.2	4.40	12.2	4.50	12.3	4.60	12.3	4.70	12.3	4.80
	-13	-13	13.0	4.40	12.8	4.50	12.6	4.70	13.0	4.70	13.0	4.80	12.8	5.00
	-11	-11	13.6	4.50	13.6	4.60	13.3	4.80	13.6	4.90	13.4	4.90	13.4	5.00
	-10	-10	13.9	4.40	14.2	4.50	13.6	4.60	13.8	4.70	13.8	4.80	13.8	4.90
	-9	-9	14.1	4.40	14.4	4.60	13.8	4.70	14.1	4.80	14.1	4.80	13.9	5.00
	-7	-8	14.6	4.50	14.6	4.60	13.9	4.80	14.4	4.80	14.4	4.90	14.4	5.00
	-5	-6	15.0	4.60	14.9	4.70	14.6	4.90	15.0	4.90	15.0	5.00	14.9	5.00
	-3	-4	15.2	4.50	15.0	4.60	14.7	4.70	15.1	4.80	15.1	4.80	14.4	4.60
	0	-1	16.1	4.60	16.0	4.70	15.6	4.80	15.9	4.80	15.4	4.60	14.4	4.20
	3	2	17.0	4.70	17.0	4.80	16.0	4.70	15.9	4.50	15.4	4.30	14.4	3.90
	5	4	17.6	4.80	17.5	4.90	16.0	4.50	15.9	4.30	15.4	4.10	14.4	3.80
	7	6	18.1	4.80	17.6	4.60	16.0	4.30	15.9	4.10	15.4	3.90	14.4	3.60
	9	8	18.6	4.70	17.6	4.40	16.2	4.00	15.9	3.90	15.4	3.70	14.4	3.50
11	10	18.6	4.50	17.6	4.20	16.2	3.90	15.9	3.70	15.4	3.60	14.4	3.40	
13	12	18.6	4.40	17.6	4.00	16.2	3.70	15.9	3.60	15.4	3.50	14.4	3.20	
15	14	18.6	4.20	17.6	3.90	16.2	3.60	15.9	3.60	15.4	3.40	14.4	3.10	
90%	-20	-20	10.9	4.00	10.9	4.10	10.9	4.30	10.9	4.40	10.9	4.40	10.9	4.60
	-19	-19	11.0	4.00	11.0	4.20	11.0	4.40	10.9	4.40	10.9	4.50	10.9	4.70
	-17	-17	11.8	4.20	11.8	4.40	11.8	4.50	11.8	4.60	11.8	4.70	11.8	4.80
	-15	-15	12.3	4.50	12.3	4.60	12.3	4.80	12.3	4.90	12.3	4.90	12.2	5.00
	-13	-13	13.0	4.60	13.0	4.80	13.0	4.90	12.8	5.00	12.8	5.00	12.8	5.10
	-11	-11	13.6	4.70	13.6	4.90	13.4	5.00	13.4	5.00	13.4	5.00	13.4	5.20
	-10	-10	13.8	4.60	13.8	4.70	13.8	4.90	13.8	4.90	13.8	5.00	13.6	5.00
	-9	-9	14.1	4.70	14.1	4.80	14.1	4.90	13.9	5.00	13.9	5.00	13.6	4.90
	-7	-8	14.4	4.70	14.4	4.90	14.4	5.00	14.4	5.00	14.4	5.00	13.4	4.70
	-5	-6	15.0	4.80	15.0	4.90	15.0	5.00	14.9	5.00	14.4	4.80	13.4	4.40
	-3	-4	15.1	4.70	15.1	4.80	14.8	4.70	14.4	4.50	14.0	4.40	12.9	4.00
	0	-1	16.0	4.80	15.7	4.80	14.8	4.40	14.4	4.20	14.0	4.00	12.9	3.70
	3	2	16.7	4.80	15.7	4.40	14.8	4.10	14.4	3.90	14.0	3.80	12.9	3.50
	5	4	16.7	4.60	15.7	4.20	14.8	3.90	14.4	3.80	14.0	3.60	12.9	3.40
	7	6	16.7	4.30	15.7	4.00	14.8	3.70	14.4	3.60	14.0	3.50	12.9	3.20
	9	8	16.7	4.10	15.7	3.80	14.8	3.60	14.4	3.50	14.0	3.40	12.9	3.10
11	10	16.7	4.00	15.7	3.70	14.8	3.50	14.4	3.40	14.0	3.20	12.9	3.00	
13	12	16.7	3.80	15.7	3.60	14.8	3.40	14.4	3.20	14.0	3.10	12.9	2.90	
15	14	16.7	3.70	15.7	3.50	14.8	3.30	14.4	3.10	14.0	3.00	12.9	2.80	
80%	-20	-20	10.9	4.30	10.9	4.40	10.9	4.60	10.9	4.60	10.7	4.70	10.7	4.90
	-19	-19	11.0	4.40	10.9	4.50	10.9	4.60	10.9	4.70	10.9	4.80	10.9	4.90
	-17	-17	11.8	4.50	11.8	4.60	11.8	4.80	11.8	4.80	11.7	4.90	11.7	5.00
	-15	-15	12.3	4.80	12.3	4.90	12.2	5.00	12.2	5.00	12.2	5.10	12.2	5.20
	-13	-13	13.0	4.90	12.8	5.00	12.8	5.00	12.8	5.10	12.8	5.20	12.2	4.90
	-11	-11	13.4	5.00	13.4	5.00	13.4	5.10	13.3	5.20	13.0	5.00	12.2	4.60
	-10	-10	13.8	4.90	13.8	5.00	13.8	5.00	13.3	4.90	13.0	4.70	12.2	4.30
	-9	-9	14.1	4.90	13.9	5.00	13.8	5.00	13.3	4.80	13.0	4.60	12.2	4.20
	-7	-8	14.4	5.00	14.4	5.00	13.6	4.80	13.1	4.60	12.8	4.40	12.0	4.00
	-5	-6	15.0	5.00	14.6	4.90	13.6	4.50	13.1	4.30	12.8	4.20	12.0	3.80
	-3	-4	14.9	4.80	14.0	4.40	13.2	4.10	12.7	3.90	12.4	3.70	11.5	3.50
	0	-1	14.9	4.40	14.0	4.10	13.2	3.80	12.7	3.60	12.4	3.60	11.5	3.30
	3	2	14.9	4.10	14.0	3.80	13.2	3.60	12.7	3.50	12.4	3.30	11.5	3.10
	5	4	14.9	3.90	14.0	3.70	13.2	3.50	12.7	3.30	12.4	3.20	11.5	3.00
	7	6	14.9	3.70	14.0	3.60	13.2	3.30	12.7	3.20	12.4	3.10	11.5	2.80
	9	8	14.9	3.60	14.0	3.40	13.2	3.20	12.7	3.00	12.4	2.90	11.5	2.70
11	10	14.9	3.50	14.0	3.30	13.2	3.00	12.7	2.90	12.4	2.80	11.5	2.60	
13	12	14.9	3.40	14.0	3.20	13.2	2.90	12.7	2.80	12.4	2.70	11.5	2.50	
15	14	14.9	3.30	14.0	3.10	13.2	2.80	12.7	2.70	12.4	2.60	11.5	2.40	

※ Peak value : Tested without defrost operation in accordance with EN14511

2. Outdoor Units

2-8. Capacity table (A2A)

AE160MXTP*H/EU

Heating

Combination % (Capacity index)	Outdoor temperature (°C)		Indoor temperature (DB, °C)											
			16		18		20		21		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70%	DB	WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
	-20	-20	10.7	4.70	10.7	4.80	10.6	4.90	10.6	5.00	10.4	4.90	9.8	4.40
	-19	-19	10.7	4.80	10.7	4.90	10.7	5.00	10.6	4.90	10.2	4.70	9.6	4.20
	-17	-17	11.7	4.90	11.5	5.00	11.0	4.70	10.7	4.50	10.4	4.30	9.8	3.90
	-15	-15	12.0	5.00	11.5	4.90	10.9	4.50	10.6	4.30	10.2	4.10	9.6	3.80
	-13	-13	12.2	4.90	11.5	4.60	10.9	4.20	10.6	4.00	10.2	3.90	9.6	3.60
	-11	-11	12.2	4.60	11.5	4.30	10.9	3.90	10.6	3.80	10.2	3.60	9.6	3.40
	-10	-10	12.2	4.30	11.5	4.00	10.9	3.70	10.6	3.60	10.2	3.50	9.6	3.20
	-9	-9	12.2	4.20	11.5	3.90	10.9	3.60	10.6	3.50	10.2	3.40	9.6	3.10
	-7	-8	12.0	4.00	11.4	3.70	10.7	3.50	10.4	3.40	10.1	3.30	9.4	3.00
	-5	-6	12.0	3.80	11.4	3.60	10.7	3.30	10.4	3.20	10.1	3.10	9.4	2.80
	-3	-4	11.6	3.50	10.9	3.30	10.2	3.00	9.9	2.90	9.6	2.80	9.0	2.60
	0	-1	11.6	3.30	10.9	3.00	10.2	2.80	9.9	2.70	9.6	2.60	9.0	2.40
	3	2	11.6	3.00	10.9	2.80	10.2	2.60	9.9	2.50	9.6	2.40	9.0	2.20
	5	4	11.6	2.90	10.9	2.70	10.2	2.50	9.9	2.40	9.6	2.30	9.0	2.20
7	6	11.6	2.80	10.9	2.60	10.2	2.40	9.9	2.30	9.6	2.20	9.0	2.20	
9	8	11.6	2.60	10.9	2.50	10.2	2.30	9.9	2.20	9.6	2.20	9.0	2.10	
11	10	11.6	2.50	10.9	2.40	10.2	2.20	9.9	2.20	9.6	2.10	9.0	2.00	
13	12	11.6	2.50	10.9	2.30	10.2	2.20	9.9	2.10	9.6	2.10	9.0	1.90	
15	14	11.6	2.40	10.9	2.20	10.2	2.20	9.9	2.10	9.6	2.00	9.0	1.90	
60%	-20	-20	9.8	5.00	9.3	4.70	8.8	4.30	8.5	4.10	8.2	4.00	7.6	3.60
	-19	-19	9.9	4.90	9.3	4.50	8.8	4.20	8.5	4.00	8.2	3.80	7.6	3.60
	-17	-17	9.9	4.50	9.3	4.20	8.8	3.80	8.5	3.70	8.2	3.60	7.6	3.30
	-15	-15	9.9	4.30	9.3	4.00	8.8	3.70	8.5	3.60	8.2	3.50	7.6	3.20
	-13	-13	9.9	4.00	9.3	3.70	8.8	3.60	8.5	3.40	8.2	3.30	7.6	3.00
	-11	-11	9.9	3.80	9.3	3.60	8.8	3.40	8.5	3.20	8.2	3.10	7.6	2.80
	-10	-10	9.9	3.60	9.3	3.40	8.8	3.10	8.5	3.00	8.2	2.90	7.6	2.70
	-9	-9	9.9	3.50	9.3	3.30	8.8	3.00	8.5	2.90	8.2	2.80	7.6	2.60
	-7	-8	9.9	3.40	9.3	3.10	8.8	2.90	8.5	2.80	8.2	2.70	7.6	2.50
	-5	-6	9.9	3.20	9.3	3.00	8.8	2.80	8.5	2.70	8.2	2.60	7.6	2.40
	-3	-4	9.9	2.90	9.3	2.70	8.8	2.50	8.5	2.40	8.2	2.30	7.6	2.20
	0	-1	9.9	2.70	9.3	2.50	8.8	2.30	8.5	2.30	8.2	2.20	7.6	2.10
	3	2	9.9	2.50	9.3	2.40	8.8	2.20	8.5	2.20	8.2	2.10	7.6	2.00
	5	4	9.9	2.40	9.3	2.30	8.8	2.20	8.5	2.10	8.2	2.10	7.6	1.90
	7	6	9.9	2.30	9.3	2.20	8.8	2.10	8.5	2.00	8.2	2.00	7.6	1.80
9	8	9.9	2.20	9.3	2.20	8.8	2.00	8.5	2.00	8.2	1.90	7.6	1.70	
11	10	9.9	2.20	9.3	2.10	8.8	2.00	8.5	1.90	8.2	1.80	7.6	1.70	
13	12	9.9	2.10	9.3	2.00	8.8	1.90	8.5	1.80	8.2	1.80	7.6	1.60	
15	14	9.9	2.10	9.3	2.00	8.8	1.80	8.5	1.80	8.2	1.70	7.6	1.60	
50%	-20	-20	8.3	4.00	7.8	3.70	7.3	3.50	7.1	3.40	6.8	3.20	6.4	3.00
	-19	-19	8.3	3.80	7.8	3.60	7.3	3.40	7.1	3.30	6.8	3.10	6.4	2.90
	-17	-17	8.3	3.60	7.8	3.40	7.3	3.20	7.1	3.00	6.8	2.90	6.4	2.70
	-15	-15	8.3	3.50	7.8	3.30	7.3	3.00	7.1	2.90	6.8	2.80	6.4	2.60
	-13	-13	8.3	3.30	7.8	3.10	7.3	2.90	7.1	2.70	6.8	2.60	6.4	2.40
	-11	-11	8.3	3.10	7.8	2.90	7.3	2.70	7.1	2.60	6.8	2.50	6.4	2.30
	-10	-10	8.3	2.90	7.8	2.70	7.3	2.50	7.1	2.40	6.8	2.30	6.4	2.20
	-9	-9	8.3	2.80	7.8	2.60	7.3	2.50	7.1	2.40	6.8	2.30	6.4	2.20
	-7	-8	8.3	2.70	7.8	2.50	7.3	2.40	7.1	2.30	6.8	2.20	6.4	2.10
	-5	-6	8.3	2.60	7.8	2.40	7.3	2.20	7.1	2.20	6.8	2.20	6.4	2.00
	-3	-4	8.3	2.30	7.8	2.20	7.3	2.10	7.1	2.10	6.8	2.00	6.4	1.80
	0	-1	8.3	2.20	7.8	2.10	7.3	2.00	7.1	1.90	6.8	1.90	6.4	1.70
	3	2	8.3	2.10	7.8	2.00	7.3	1.90	7.1	1.80	6.8	1.80	6.4	1.60
	5	4	8.3	2.10	7.8	1.90	7.3	1.80	7.1	1.80	6.8	1.70	6.4	1.60
	7	6	8.3	2.00	7.8	1.90	7.3	1.70	7.1	1.70	6.8	1.60	6.4	1.50
9	8	8.3	1.90	7.8	1.80	7.3	1.70	7.1	1.60	6.8	1.50	6.4	1.40	
11	10	8.3	1.80	7.8	1.70	7.3	1.60	7.1	1.60	6.8	1.50	6.4	1.40	
13	12	8.3	1.80	7.8	1.70	7.3	1.60	7.1	1.50	6.8	1.50	6.4	1.40	
15	14	8.3	1.70	7.8	1.60	7.3	1.50	7.1	1.50	6.8	1.40	6.4	1.30	

* Peak value : Tested without defrost operation in accordance with EN14511

2. Outdoor Units

2-8. Capacity table (A2A)

AE044MXTPEH/EU

Cooling

Combination % (Capacity index)	Outdoor temperature (°C, DB)	Indoor temperature (WB, °C)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100%	DB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
	10	3.0	0.47	3.6	0.53	4.2	0.65	4.5	0.70	4.7	0.76	5.3	0.82	5.9	0.94
	12	3.0	0.47	3.6	0.53	4.2	0.65	4.5	0.70	4.7	0.76	5.3	0.88	5.9	0.94
	14	3.0	0.47	3.6	0.53	4.1	0.65	4.5	0.70	4.7	0.76	5.3	0.88	5.9	1.00
	16	3.0	0.47	3.6	0.59	4.1	0.65	4.5	0.70	4.7	0.76	5.3	0.88	5.9	1.00
	18	3.0	0.47	3.6	0.59	4.1	0.70	4.5	0.76	4.7	0.82	5.3	0.94	5.9	1.11
	20	3.0	0.47	3.6	0.59	4.1	0.70	4.5	0.76	4.7	0.88	5.3	1.00	5.8	1.17
	21	3.0	0.47	3.6	0.59	4.1	0.70	4.5	0.82	4.7	0.88	5.3	1.06	5.8	1.23
	23	3.0	0.53	3.6	0.65	4.1	0.76	4.5	0.88	4.7	0.94	5.3	1.11	5.8	1.29
	25	3.0	0.53	3.6	0.70	4.1	0.82	4.4	0.94	4.7	1.00	5.3	1.23	5.7	1.35
	27	3.0	0.59	3.6	0.70	4.1	0.88	4.4	1.00	4.7	1.06	5.3	1.29	5.7	1.41
	29	3.0	0.59	3.6	0.76	4.1	0.94	4.4	1.06	4.7	1.17	5.3	1.41	5.6	1.47
	31	3.0	0.65	3.6	0.82	4.1	1.00	4.4	1.11	4.7	1.23	5.3	1.47	5.5	1.52
	33	3.0	0.70	3.6	0.88	4.1	1.06	4.4	1.17	4.7	1.29	5.3	1.58	5.3	1.58
	35	3.0	0.70	3.5	0.94	4.1	1.17	4.4	1.29	4.7	1.41	5.2	1.64	5.3	1.64
	37	2.9	0.76	3.5	1.00	4.0	1.23	4.3	1.35	4.5	1.52	4.9	1.70	5.0	1.70
	39	2.8	0.82	3.4	1.06	3.9	1.29	4.2	1.47	4.5	1.58	4.7	1.76	4.8	1.76
	42	2.8	0.88	3.4	1.11	3.9	1.41	4.2	1.52	4.5	1.70	4.7	1.82	4.8	1.82
44	2.8	0.94	3.4	1.17	3.9	1.47	4.2	1.64	4.5	1.82	4.6	1.88	4.7	1.88	
46	2.8	0.94	3.4	1.23	3.9	1.52	4.2	1.70	4.5	1.88	4.5	1.94	4.7	1.94	
90%	10	2.7	0.41	3.2	0.47	3.8	0.59	4.0	0.59	4.3	0.65	4.8	0.76	5.3	0.82
	12	2.7	0.41	3.2	0.47	3.8	0.59	4.0	0.65	4.3	0.65	4.8	0.76	5.3	0.88
	14	2.7	0.41	3.2	0.47	3.8	0.59	4.0	0.65	4.3	0.70	4.8	0.76	5.3	0.88
	16	2.7	0.41	3.2	0.53	3.8	0.59	4.0	0.65	4.3	0.70	4.8	0.76	5.3	0.88
	18	2.7	0.41	3.2	0.53	3.8	0.59	4.0	0.65	4.3	0.70	4.8	0.82	5.3	0.94
	20	2.7	0.41	3.2	0.53	3.7	0.65	4.0	0.65	4.3	0.70	4.8	0.88	5.3	1.00
	21	2.7	0.41	3.2	0.53	3.7	0.65	4.0	0.70	4.2	0.76	4.8	0.88	5.3	1.06
	23	2.7	0.47	3.2	0.53	3.7	0.65	4.0	0.76	4.2	0.82	4.8	0.94	5.3	1.11
	25	2.7	0.47	3.2	0.59	3.7	0.70	4.0	0.76	4.2	0.88	4.8	1.06	5.3	1.23
	27	2.7	0.47	3.2	0.65	3.7	0.76	4.0	0.82	4.2	0.94	4.7	1.11	5.3	1.29
	29	2.7	0.53	3.2	0.65	3.7	0.82	4.0	0.88	4.2	1.00	4.7	1.17	5.3	1.35
	31	2.7	0.59	3.2	0.70	3.7	0.88	4.0	0.94	4.2	1.06	4.7	1.23	5.3	1.47
	33	2.7	0.59	3.2	0.76	3.7	0.94	4.0	1.00	4.2	1.11	4.7	1.35	5.3	1.58
	35	2.7	0.65	3.2	0.82	3.7	1.00	4.0	1.11	4.2	1.17	4.7	1.41	5.2	1.64
	37	2.6	0.65	3.1	0.88	3.6	1.06	3.8	1.17	4.1	1.29	4.6	1.52	4.9	1.70
	39	2.5	0.70	3.0	0.88	3.5	1.11	3.8	1.23	4.0	1.35	4.5	1.64	4.7	1.76
	42	2.5	0.76	3.0	0.94	3.5	1.17	3.8	1.29	4.0	1.47	4.5	1.70	4.7	1.82
	44	2.5	0.76	3.0	1.00	3.5	1.23	3.8	1.41	4.0	1.52	4.5	1.82	4.6	1.88
46	2.5	0.82	3.0	1.06	3.5	1.35	3.8	1.47	4.0	1.58	4.5	1.94	4.5	1.94	
80%	10	2.4	0.35	2.9	0.41	3.3	0.47	3.6	0.53	3.8	0.59	4.3	0.65	4.7	0.70
	12	2.4	0.35	2.9	0.41	3.3	0.53	3.6	0.53	3.8	0.59	4.3	0.65	4.7	0.76
	14	2.4	0.35	2.9	0.41	3.3	0.53	3.6	0.53	3.8	0.59	4.3	0.65	4.7	0.76
	16	2.4	0.35	2.9	0.47	3.3	0.53	3.6	0.59	3.8	0.59	4.3	0.70	4.7	0.76
	18	2.4	0.35	2.9	0.47	3.3	0.53	3.6	0.59	3.8	0.59	4.3	0.70	4.7	0.76
	20	2.4	0.35	2.9	0.47	3.3	0.53	3.6	0.59	3.8	0.65	4.3	0.70	4.7	0.82
	21	2.4	0.41	2.8	0.47	3.3	0.53	3.6	0.59	3.8	0.65	4.2	0.76	4.7	0.88
	23	2.4	0.41	2.8	0.47	3.3	0.59	3.5	0.65	3.8	0.70	4.2	0.82	4.7	0.94
	25	2.4	0.41	2.8	0.53	3.3	0.59	3.5	0.65	3.8	0.70	4.2	0.88	4.7	1.00
	27	2.4	0.41	2.8	0.53	3.3	0.65	3.5	0.70	3.8	0.76	4.2	0.94	4.7	1.06
	29	2.4	0.47	2.8	0.59	3.3	0.70	3.5	0.76	3.8	0.82	4.2	1.00	4.7	1.17
	31	2.4	0.47	2.8	0.59	3.3	0.76	3.5	0.82	3.8	0.88	4.2	1.06	4.7	1.23
	33	2.4	0.53	2.8	0.65	3.3	0.76	3.5	0.88	3.8	0.94	4.2	1.11	4.7	1.29
	35	2.4	0.53	2.8	0.70	3.3	0.82	3.5	0.94	3.8	1.00	4.2	1.17	4.7	1.41
	37	2.3	0.59	2.8	0.70	3.2	0.88	3.4	1.00	3.6	1.06	4.1	1.29	4.5	1.47
	39	2.3	0.59	2.7	0.76	3.1	0.94	3.3	1.06	3.6	1.11	4.0	1.35	4.5	1.58
	42	2.3	0.65	2.7	0.82	3.1	1.00	3.3	1.11	3.6	1.23	4.0	1.47	4.5	1.70
	44	2.3	0.70	2.7	0.88	3.1	1.06	3.3	1.17	3.6	1.29	4.0	1.52	4.5	1.76
46	2.3	0.70	2.7	0.88	3.1	1.11	3.3	1.23	3.6	1.35	4.0	1.58	4.5	1.88	

2. Outdoor Units

2-8. Capacity table (A2A)

AE044MXTPEH/EU

Cooling

Combination % (Capacity index)	Outdoor temperature (°C, DB)	Indoor temperature (WB, °C)													
		14		16		18		19		20		22		24	
		TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
70%	10	2.1	0.29	2.5	0.35	2.9	0.41	3.1	0.47	3.3	0.47	3.7	0.59	4.1	0.65
	12	2.1	0.29	2.5	0.35	2.9	0.41	3.1	0.47	3.3	0.53	3.7	0.59	4.1	0.65
	14	2.1	0.29	2.5	0.35	2.9	0.47	3.1	0.47	3.3	0.53	3.7	0.59	4.1	0.65
	16	2.1	0.29	2.5	0.41	2.9	0.47	3.1	0.47	3.3	0.53	3.7	0.59	4.1	0.65
	18	2.1	0.35	2.5	0.41	2.9	0.47	3.1	0.47	3.3	0.53	3.7	0.59	4.1	0.70
	20	2.1	0.35	2.5	0.41	2.9	0.47	3.1	0.53	3.3	0.53	3.7	0.59	4.1	0.70
	21	2.1	0.35	2.5	0.41	2.9	0.47	3.1	0.53	3.3	0.53	3.7	0.65	4.1	0.70
	23	2.1	0.35	2.5	0.41	2.9	0.47	3.1	0.53	3.3	0.59	3.7	0.65	4.1	0.76
	25	2.1	0.35	2.5	0.41	2.9	0.53	3.1	0.59	3.3	0.59	3.7	0.70	4.1	0.82
	27	2.1	0.35	2.5	0.47	2.9	0.53	3.1	0.59	3.3	0.65	3.7	0.76	4.1	0.88
	29	2.1	0.41	2.5	0.47	2.9	0.59	3.1	0.65	3.3	0.70	3.7	0.82	4.1	0.94
	31	2.1	0.41	2.5	0.53	2.9	0.65	3.1	0.70	3.3	0.76	3.7	0.88	4.1	1.00
	33	2.1	0.41	2.5	0.53	2.9	0.65	3.1	0.70	3.3	0.76	3.7	0.94	4.1	1.06
	35	2.1	0.47	2.5	0.59	2.9	0.70	3.1	0.76	3.3	0.82	3.7	1.00	4.1	1.11
	37	2.0	0.47	2.4	0.59	2.8	0.76	3.0	0.82	3.2	0.88	3.6	1.06	4.0	1.23
	39	1.9	0.53	2.3	0.65	2.8	0.76	3.0	0.88	3.1	0.94	3.5	1.11	3.9	1.29
42	1.9	0.53	2.3	0.70	2.8	0.82	3.0	0.94	3.1	1.00	3.5	1.17	3.9	1.35	
44	1.9	0.59	2.3	0.70	2.8	0.88	3.0	0.94	3.1	1.06	3.5	1.23	3.9	1.47	
46	1.9	0.59	2.3	0.76	2.8	0.94	3.0	1.00	3.1	1.11	3.5	1.29	3.9	1.52	
60%	10	1.8	0.29	2.1	0.29	2.5	0.35	2.7	0.41	2.8	0.41	3.2	0.47	3.5	0.53
	12	1.8	0.29	2.1	0.29	2.5	0.35	2.7	0.41	2.8	0.41	3.2	0.47	3.5	0.53
	14	1.8	0.29	2.1	0.35	2.5	0.35	2.7	0.41	2.8	0.41	3.2	0.47	3.5	0.53
	16	1.8	0.29	2.1	0.35	2.5	0.41	2.7	0.41	2.8	0.41	3.2	0.47	3.5	0.53
	18	1.8	0.29	2.1	0.35	2.5	0.41	2.6	0.41	2.8	0.47	3.2	0.53	3.5	0.59
	20	1.8	0.29	2.1	0.35	2.5	0.41	2.6	0.41	2.8	0.47	3.2	0.53	3.5	0.59
	21	1.8	0.29	2.1	0.35	2.5	0.41	2.6	0.41	2.8	0.47	3.2	0.53	3.5	0.59
	23	1.8	0.29	2.1	0.35	2.5	0.41	2.6	0.41	2.8	0.47	3.2	0.53	3.5	0.65
	25	1.8	0.29	2.1	0.35	2.5	0.41	2.6	0.47	2.8	0.47	3.2	0.59	3.5	0.65
	27	1.8	0.29	2.1	0.35	2.5	0.47	2.6	0.47	2.8	0.53	3.1	0.59	3.5	0.70
	29	1.8	0.35	2.1	0.41	2.5	0.47	2.6	0.53	2.8	0.59	3.1	0.65	3.5	0.76
	31	1.8	0.35	2.1	0.41	2.5	0.53	2.6	0.53	2.8	0.59	3.1	0.70	3.5	0.82
	33	1.8	0.35	2.1	0.47	2.5	0.53	2.6	0.59	2.8	0.65	3.1	0.76	3.5	0.88
	35	1.8	0.41	2.1	0.47	2.5	0.59	2.6	0.65	2.8	0.70	3.1	0.76	3.5	0.94
	37	1.8	0.41	2.1	0.53	2.4	0.59	2.6	0.65	2.7	0.70	3.1	0.82	3.4	1.00
	39	1.7	0.41	2.0	0.53	2.3	0.65	2.5	0.70	2.7	0.76	3.0	0.88	3.3	1.06
42	1.7	0.47	2.0	0.59	2.3	0.70	2.5	0.76	2.7	0.82	3.0	0.94	3.3	1.11	
44	1.7	0.47	2.0	0.59	2.3	0.70	2.5	0.76	2.7	0.82	3.0	1.00	3.3	1.17	
46	1.7	0.53	2.0	0.65	2.3	0.76	2.5	0.82	2.7	0.88	3.0	1.06	3.3	1.23	
50%	10	1.5	0.23	1.8	0.29	2.1	0.29	2.3	0.35	2.4	0.35	2.6	0.41	3.0	0.41
	12	1.5	0.23	1.8	0.29	2.1	0.29	2.2	0.35	2.4	0.35	2.6	0.41	3.0	0.41
	14	1.5	0.23	1.8	0.29	2.1	0.29	2.2	0.35	2.4	0.35	2.6	0.41	3.0	0.47
	16	1.5	0.23	1.8	0.29	2.1	0.29	2.2	0.35	2.4	0.35	2.6	0.41	3.0	0.47
	18	1.5	0.23	1.8	0.29	2.1	0.35	2.2	0.35	2.4	0.35	2.6	0.41	3.0	0.47
	20	1.5	0.23	1.8	0.29	2.1	0.35	2.2	0.35	2.4	0.35	2.6	0.41	3.0	0.47
	21	1.5	0.23	1.8	0.29	2.1	0.35	2.2	0.35	2.4	0.35	2.6	0.41	3.0	0.47
	23	1.5	0.23	1.8	0.29	2.1	0.35	2.2	0.35	2.4	0.41	2.6	0.41	3.0	0.47
	25	1.5	0.23	1.8	0.29	2.1	0.35	2.2	0.35	2.4	0.41	2.6	0.47	3.0	0.53
	27	1.5	0.23	1.8	0.29	2.1	0.35	2.2	0.41	2.3	0.41	2.6	0.47	3.0	0.53
	29	1.5	0.29	1.8	0.35	2.1	0.41	2.2	0.41	2.3	0.47	2.6	0.53	3.0	0.59
	31	1.5	0.29	1.8	0.35	2.1	0.41	2.2	0.47	2.3	0.47	2.6	0.53	3.0	0.65
	33	1.5	0.29	1.8	0.35	2.1	0.41	2.2	0.47	2.3	0.53	2.6	0.59	3.0	0.65
	35	1.5	0.35	1.8	0.41	2.1	0.47	2.2	0.47	2.3	0.53	2.6	0.65	2.9	0.70
	37	1.4	0.35	1.7	0.41	2.0	0.47	2.1	0.53	2.3	0.59	2.6	0.65	2.8	0.76
	39	1.4	0.35	1.7	0.41	1.9	0.53	2.1	0.59	2.2	0.59	2.5	0.70	2.8	0.82
42	1.4	0.35	1.7	0.47	1.9	0.53	2.1	0.59	2.2	0.65	2.5	0.76	2.8	0.82	
44	1.4	0.41	1.7	0.47	1.9	0.59	2.1	0.65	2.2	0.65	2.5	0.76	2.8	0.88	
46	1.4	0.41	1.7	0.53	1.9	0.59	2.1	0.65	2.2	0.70	2.5	0.82	2.8	0.94	

2. Outdoor Units

2-8. Capacity table (A2A)

AE066MXTPEH/EU

Cooling

Combination % (Capacity index)	Outdoor temperature (°C, DB)	Indoor temperature (WB, °C)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	10	4.5	0.67	5.4	0.84	6.2	1.01	6.7	1.01	7.1	1.10	8.0	1.27	8.9	1.43
	12	4.5	0.67	5.4	0.84	6.2	1.01	6.7	1.10	7.1	1.18	8.0	1.35	8.8	1.52
	14	4.5	0.67	5.4	0.84	6.2	1.01	6.7	1.10	7.1	1.18	8.0	1.35	8.8	1.52
	16	4.5	0.67	5.4	0.84	6.2	1.01	6.7	1.10	7.1	1.18	8.0	1.35	8.8	1.60
	18	4.5	0.76	5.4	0.84	6.2	1.01	6.7	1.10	7.1	1.18	8.0	1.43	8.8	1.69
	20	4.5	0.76	5.4	0.93	6.2	1.10	6.7	1.18	7.0	1.35	8.0	1.52	8.8	1.86
	21	4.5	0.76	5.4	0.93	6.2	1.10	6.7	1.27	7.0	1.35	8.0	1.60	8.8	1.86
	23	4.5	0.76	5.4	1.01	6.2	1.18	6.7	1.35	7.0	1.43	7.9	1.77	8.7	2.02
	25	4.5	0.84	5.4	1.01	6.2	1.27	6.7	1.43	7.0	1.52	7.9	1.86	8.6	2.11
	27	4.5	0.84	5.4	1.10	6.2	1.35	6.6	1.52	7.0	1.69	7.9	2.02	8.4	2.19
	29	4.5	0.93	5.4	1.18	6.2	1.43	6.6	1.60	7.0	1.77	7.9	2.11	8.4	2.28
	31	4.5	1.01	5.4	1.27	6.2	1.60	6.6	1.69	7.0	1.94	7.9	2.28	8.2	2.36
	33	4.5	1.01	5.4	1.35	6.2	1.69	6.6	1.86	7.0	2.02	7.9	2.45	8.0	2.45
	35	4.5	1.10	5.3	1.43	6.2	1.77	6.6	1.94	7.0	2.19	7.7	2.53	7.9	2.53
	37	4.3	1.18	5.2	1.52	6.0	1.86	6.4	2.11	6.8	2.28	7.4	2.61	7.6	2.61
	39	4.2	1.27	5.0	1.60	5.9	2.02	6.2	2.28	6.7	2.45	7.1	2.70	7.3	2.70
42	4.2	1.35	5.0	1.69	5.9	2.11	6.2	2.36	6.7	2.61	7.0	2.78	7.1	2.78	
44	4.2	1.43	5.0	1.77	5.9	2.28	6.2	2.53	6.7	2.78	6.9	2.87	7.0	2.87	
46	4.2	1.52	5.0	1.94	5.9	2.36	6.2	2.61	6.7	2.95	6.8	2.95	7.0	2.95	
90%	10	4.0	0.59	4.8	0.76	5.6	0.84	6.1	0.93	6.4	1.01	7.2	1.18	8.0	1.27
	12	4.0	0.59	4.8	0.76	5.6	0.84	6.1	0.93	6.4	1.01	7.1	1.18	8.0	1.35
	14	4.0	0.59	4.8	0.76	5.6	0.93	6.1	0.93	6.4	1.01	7.1	1.18	8.0	1.35
	16	4.0	0.67	4.8	0.76	5.6	0.93	6.0	1.01	6.4	1.10	7.1	1.18	8.0	1.35
	18	4.0	0.67	4.8	0.76	5.6	0.93	6.0	1.01	6.3	1.10	7.1	1.27	8.0	1.43
	20	4.0	0.67	4.8	0.76	5.6	0.93	6.0	1.01	6.3	1.10	7.1	1.35	8.0	1.52
	21	4.0	0.67	4.8	0.84	5.6	0.93	6.0	1.10	6.3	1.18	7.1	1.35	8.0	1.60
	23	4.0	0.67	4.8	0.84	5.6	1.01	6.0	1.10	6.3	1.27	7.1	1.43	7.9	1.69
	25	4.0	0.67	4.8	0.93	5.6	1.10	6.0	1.18	6.3	1.35	7.1	1.60	7.9	1.86
	27	4.0	0.76	4.8	0.93	5.5	1.18	6.0	1.27	6.3	1.43	7.1	1.69	7.9	1.94
	29	4.0	0.84	4.8	1.01	5.5	1.27	6.0	1.35	6.3	1.52	7.1	1.77	7.9	2.11
	31	4.0	0.84	4.8	1.10	5.5	1.35	6.0	1.52	6.3	1.60	7.1	1.94	7.9	2.28
	33	4.0	0.93	4.8	1.18	5.5	1.43	6.0	1.60	6.3	1.77	7.1	2.02	7.9	2.45
	35	4.0	1.01	4.8	1.27	5.5	1.52	6.0	1.69	6.3	1.86	7.0	2.19	7.7	2.53
	37	3.9	1.01	4.7	1.35	5.4	1.60	5.8	1.77	6.2	1.94	6.9	2.36	7.4	2.61
	39	3.8	1.10	4.6	1.43	5.3	1.69	5.6	1.94	6.0	2.11	6.7	2.53	7.1	2.70
42	3.8	1.18	4.6	1.52	5.3	1.86	5.6	2.02	6.0	2.19	6.7	2.70	7.0	2.78	
44	3.8	1.18	4.6	1.60	5.3	1.94	5.6	2.11	6.0	2.36	6.7	2.78	6.9	2.87	
46	3.8	1.27	4.6	1.69	5.3	2.02	5.6	2.28	6.0	2.45	6.7	2.95	6.8	2.95	
80%	10	3.6	0.51	4.3	0.67	5.0	0.76	5.4	0.84	5.7	0.84	6.4	1.01	7.1	1.10
	12	3.6	0.51	4.3	0.67	5.0	0.76	5.4	0.84	5.7	0.93	6.4	1.01	7.1	1.18
	14	3.6	0.59	4.3	0.67	5.0	0.76	5.4	0.84	5.7	0.93	6.4	1.01	7.1	1.18
	16	3.6	0.59	4.3	0.67	5.0	0.76	5.4	0.84	5.7	0.93	6.4	1.10	7.1	1.18
	18	3.6	0.59	4.3	0.67	5.0	0.84	5.4	0.84	5.7	0.93	6.3	1.10	7.1	1.18
	20	3.6	0.59	4.3	0.67	5.0	0.84	5.4	0.93	5.7	0.93	6.3	1.10	7.0	1.27
	21	3.6	0.59	4.3	0.67	5.0	0.84	5.4	0.93	5.6	1.01	6.3	1.18	7.0	1.35
	23	3.6	0.59	4.3	0.76	5.0	0.84	5.3	0.93	5.6	1.01	6.3	1.27	7.0	1.43
	25	3.6	0.59	4.3	0.76	5.0	0.93	5.3	1.01	5.6	1.10	6.3	1.35	7.0	1.52
	27	3.6	0.67	4.3	0.84	4.9	1.01	5.3	1.10	5.6	1.18	6.3	1.43	7.0	1.69
	29	3.6	0.67	4.3	0.84	4.9	1.10	5.3	1.18	5.6	1.27	6.3	1.52	7.0	1.77
	31	3.6	0.76	4.2	0.93	4.9	1.10	5.3	1.27	5.6	1.35	6.3	1.60	7.0	1.86
	33	3.6	0.76	4.2	1.01	4.9	1.18	5.3	1.35	5.6	1.43	6.3	1.69	7.0	2.02
	35	3.6	0.84	4.2	1.01	4.9	1.27	5.3	1.43	5.6	1.52	6.3	1.86	7.0	2.11
	37	3.4	0.93	4.1	1.10	4.8	1.35	5.1	1.52	5.5	1.69	6.2	1.94	6.8	2.28
	39	3.3	0.93	4.0	1.18	4.7	1.43	5.0	1.60	5.4	1.77	6.0	2.11	6.7	2.45
42	3.3	1.01	4.0	1.27	4.7	1.52	5.0	1.69	5.4	1.86	6.0	2.19	6.7	2.61	
44	3.3	1.01	4.0	1.35	4.7	1.60	5.0	1.77	5.4	1.94	6.0	2.36	6.7	2.78	
46	3.3	1.10	4.0	1.35	4.7	1.69	5.0	1.86	5.4	2.02	6.0	2.45	6.7	2.87	

2. Outdoor Units

2-8. Capacity table (A2A)

AE066MXTPEH/EU

Cooling

Combination % (Capacity index)	Outdoor temperature (°C, DB)	Indoor temperature (WB, °C)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70%	10	3.2	0.51	3.8	0.59	4.4	0.67	4.7	0.67	5.0	0.76	5.6	0.84	6.2	0.93
	12	3.2	0.51	3.8	0.59	4.4	0.67	4.7	0.67	5.0	0.76	5.6	0.84	6.2	1.01
	14	3.2	0.51	3.8	0.59	4.4	0.67	4.7	0.76	5.0	0.76	5.6	0.93	6.2	1.01
	16	3.2	0.51	3.8	0.59	4.4	0.67	4.7	0.76	5.0	0.76	5.5	0.93	6.2	1.01
	18	3.2	0.51	3.8	0.59	4.4	0.67	4.7	0.76	5.0	0.84	5.5	0.93	6.2	1.01
	20	3.2	0.51	3.8	0.59	4.4	0.67	4.7	0.76	4.9	0.84	5.5	0.93	6.2	1.10
	21	3.2	0.51	3.8	0.59	4.4	0.76	4.7	0.76	4.9	0.84	5.5	0.93	6.2	1.10
	23	3.2	0.51	3.8	0.59	4.3	0.76	4.7	0.84	4.9	0.84	5.5	1.01	6.2	1.18
	25	3.2	0.51	3.8	0.67	4.3	0.76	4.7	0.84	4.9	0.93	5.5	1.10	6.2	1.27
	27	3.2	0.59	3.8	0.67	4.3	0.84	4.7	0.93	4.9	1.01	5.5	1.18	6.2	1.35
	29	3.2	0.59	3.7	0.76	4.3	0.93	4.7	1.01	4.9	1.10	5.5	1.27	6.2	1.43
	31	3.2	0.67	3.7	0.76	4.3	0.93	4.7	1.01	4.9	1.10	5.5	1.35	6.2	1.52
	33	3.2	0.67	3.7	0.84	4.3	1.01	4.7	1.10	4.9	1.18	5.5	1.43	6.2	1.69
	35	3.1	0.67	3.7	0.84	4.3	1.10	4.7	1.18	4.9	1.27	5.5	1.52	6.2	1.77
	37	3.0	0.76	3.6	0.93	4.2	1.18	4.5	1.27	4.8	1.35	5.4	1.60	6.0	1.86
	39	3.0	0.76	3.5	1.01	4.1	1.18	4.4	1.35	4.7	1.43	5.3	1.69	5.8	2.02
42	3.0	0.84	3.5	1.01	4.1	1.27	4.4	1.43	4.7	1.52	5.3	1.77	5.8	2.11	
44	3.0	0.84	3.5	1.10	4.1	1.35	4.4	1.52	4.7	1.60	5.3	1.94	5.8	2.19	
46	3.0	0.93	3.5	1.18	4.1	1.43	4.4	1.60	4.7	1.69	5.3	2.02	5.8	2.36	
60%	10	2.7	0.42	3.3	0.51	3.8	0.59	4.0	0.59	4.3	0.67	4.8	0.76	5.3	0.84
	12	2.7	0.42	3.3	0.51	3.8	0.59	4.0	0.59	4.3	0.67	4.8	0.76	5.3	0.84
	14	2.7	0.42	3.3	0.51	3.8	0.59	4.0	0.59	4.3	0.67	4.8	0.76	5.3	0.84
	16	2.7	0.42	3.3	0.51	3.8	0.59	4.0	0.59	4.3	0.67	4.8	0.76	5.3	0.84
	18	2.7	0.42	3.3	0.51	3.8	0.59	4.0	0.67	4.2	0.67	4.8	0.76	5.3	0.84
	20	2.7	0.42	3.3	0.51	3.7	0.59	4.0	0.67	4.2	0.67	4.8	0.76	5.3	0.93
	21	2.7	0.42	3.3	0.51	3.7	0.59	4.0	0.67	4.2	0.67	4.8	0.76	5.3	0.93
	23	2.7	0.42	3.3	0.51	3.7	0.59	4.0	0.67	4.2	0.76	4.8	0.84	5.3	0.93
	25	2.7	0.42	3.2	0.51	3.7	0.67	4.0	0.67	4.2	0.76	4.8	0.93	5.3	1.01
	27	2.7	0.51	3.2	0.59	3.7	0.67	4.0	0.76	4.2	0.84	4.8	0.93	5.3	1.10
	29	2.7	0.51	3.2	0.59	3.7	0.76	4.0	0.76	4.2	0.84	4.8	1.01	5.3	1.18
	31	2.7	0.51	3.2	0.67	3.7	0.76	4.0	0.84	4.2	0.93	4.8	1.10	5.3	1.27
	33	2.6	0.59	3.2	0.67	3.7	0.84	4.0	0.93	4.2	1.01	4.8	1.18	5.3	1.35
	35	2.6	0.59	3.2	0.76	3.7	0.84	4.0	0.93	4.2	1.01	4.8	1.18	5.3	1.43
	37	2.6	0.67	3.1	0.76	3.6	0.93	3.9	1.01	4.1	1.10	4.6	1.27	5.1	1.52
	39	2.6	0.67	3.0	0.84	3.5	1.01	3.8	1.10	4.0	1.18	4.5	1.35	5.0	1.60
42	2.6	0.67	3.0	0.84	3.5	1.01	3.8	1.10	4.0	1.27	4.5	1.43	5.0	1.69	
44	2.6	0.76	3.0	0.93	3.5	1.10	3.8	1.18	4.0	1.27	4.5	1.52	5.0	1.77	
46	2.6	0.76	3.0	0.93	3.5	1.18	3.8	1.27	4.0	1.35	4.5	1.60	5.0	1.86	
50%	10	2.3	0.34	2.7	0.42	3.2	0.51	3.3	0.51	3.6	0.51	4.0	0.59	4.4	0.67
	12	2.3	0.34	2.7	0.42	3.2	0.51	3.3	0.51	3.5	0.51	4.0	0.59	4.4	0.67
	14	2.3	0.34	2.7	0.42	3.2	0.51	3.3	0.51	3.5	0.51	4.0	0.59	4.4	0.67
	16	2.3	0.34	2.7	0.42	3.2	0.51	3.3	0.51	3.5	0.59	4.0	0.59	4.4	0.67
	18	2.3	0.34	2.7	0.42	3.1	0.51	3.3	0.51	3.5	0.59	4.0	0.67	4.4	0.67
	20	2.3	0.34	2.7	0.42	3.1	0.51	3.3	0.51	3.5	0.59	4.0	0.67	4.4	0.76
	21	2.3	0.34	2.6	0.42	3.1	0.51	3.3	0.51	3.5	0.59	4.0	0.67	4.4	0.76
	23	2.3	0.42	2.6	0.42	3.1	0.51	3.3	0.59	3.5	0.59	4.0	0.67	4.4	0.76
	25	2.2	0.42	2.6	0.42	3.1	0.51	3.3	0.59	3.5	0.59	4.0	0.67	4.4	0.76
	27	2.2	0.42	2.6	0.51	3.1	0.59	3.3	0.59	3.5	0.67	4.0	0.76	4.4	0.84
	29	2.2	0.42	2.6	0.51	3.1	0.59	3.3	0.67	3.5	0.67	4.0	0.76	4.4	0.93
	31	2.2	0.42	2.6	0.51	3.1	0.59	3.3	0.67	3.5	0.76	4.0	0.84	4.4	0.93
	33	2.2	0.51	2.6	0.59	3.1	0.67	3.3	0.76	3.5	0.76	4.0	0.93	4.4	1.01
	35	2.2	0.51	2.6	0.59	3.1	0.67	3.3	0.76	3.5	0.84	4.0	0.93	4.4	1.10
	37	2.2	0.51	2.6	0.59	3.0	0.76	3.2	0.84	3.4	0.84	3.8	1.01	4.2	1.18
	39	2.1	0.59	2.6	0.67	2.9	0.76	3.2	0.84	3.3	0.93	3.8	1.10	4.1	1.27
42	2.1	0.59	2.6	0.67	2.9	0.84	3.2	0.93	3.3	1.01	3.8	1.10	4.1	1.27	
44	2.1	0.59	2.6	0.76	2.9	0.84	3.2	0.93	3.3	1.01	3.8	1.18	4.1	1.35	
46	2.1	0.67	2.6	0.76	2.9	0.93	3.2	1.01	3.3	1.10	3.8	1.27	4.1	1.43	

2. Outdoor Units

2-8. Capacity table (A2A)

AE090MXTPEH/EU

Cooling

Combination % (Capacity index)	Outdoor temperature (°C, DB)	Indoor temperature (WB, °C)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	10	6.2	0.97	7.3	1.08	8.6	1.29	9.1	1.40	9.7	1.51	10.9	1.72	12.0	1.94
	12	6.2	0.97	7.3	1.18	8.6	1.40	9.1	1.51	9.7	1.61	10.9	1.83	12.0	2.04
	14	6.2	0.97	7.3	1.18	8.6	1.40	9.1	1.51	9.7	1.61	10.9	1.83	12.0	2.04
	16	6.2	0.97	7.3	1.18	8.6	1.40	9.1	1.51	9.7	1.61	10.9	1.83	12.0	2.15
	18	6.2	0.97	7.3	1.18	8.6	1.40	9.1	1.51	9.7	1.61	10.9	1.94	12.0	2.26
	20	6.2	0.97	7.3	1.18	8.6	1.51	9.1	1.61	9.7	1.83	10.9	2.15	12.0	2.47
	21	6.1	1.08	7.3	1.29	8.6	1.51	9.1	1.72	9.7	1.83	10.9	2.15	12.0	2.58
	23	6.1	1.08	7.3	1.29	8.6	1.61	9.1	1.83	9.7	1.94	10.8	2.37	11.7	2.69
	25	6.1	1.08	7.3	1.40	8.6	1.72	9.1	1.94	9.7	2.15	10.8	2.58	11.7	2.80
	27	6.1	1.18	7.3	1.51	8.4	1.83	9.0	2.04	9.7	2.26	10.8	2.69	11.6	3.01
	29	6.1	1.29	7.3	1.61	8.4	2.04	9.0	2.15	9.6	2.47	10.8	2.91	11.4	3.12
	31	6.1	1.40	7.3	1.72	8.4	2.15	9.0	2.37	9.6	2.58	10.8	3.12	11.3	3.23
	33	6.1	1.40	7.3	1.83	8.4	2.26	9.0	2.47	9.6	2.80	10.8	3.34	10.9	3.34
	35	6.1	1.51	7.2	1.94	8.4	2.47	9.0	2.69	9.6	2.91	10.6	3.44	10.8	3.44
	37	5.9	1.61	7.0	2.04	8.2	2.58	8.8	2.91	9.2	3.12	10.0	3.55	10.2	3.55
	39	5.7	1.72	6.9	2.15	8.0	2.80	8.6	3.01	9.1	3.34	9.7	3.66	9.9	3.66
42	5.7	1.83	6.9	2.37	8.0	2.91	8.6	3.23	9.1	3.55	9.6	3.77	9.8	3.77	
44	5.7	1.94	6.9	2.47	8.0	3.12	8.6	3.44	9.1	3.77	9.3	3.87	9.7	3.98	
46	5.7	2.04	6.9	2.58	8.0	3.23	8.6	3.66	9.1	3.98	9.2	3.98	9.5	4.09	
90%	10	5.5	0.86	6.6	0.97	7.7	1.18	8.2	1.29	8.8	1.40	9.8	1.51	10.9	1.72
	12	5.5	0.86	6.6	0.97	7.7	1.18	8.2	1.29	8.7	1.40	9.8	1.61	10.9	1.83
	14	5.5	0.86	6.6	1.08	7.7	1.18	8.2	1.29	8.7	1.40	9.8	1.61	10.9	1.83
	16	5.5	0.86	6.6	1.08	7.7	1.29	8.2	1.29	8.7	1.40	9.8	1.61	10.9	1.83
	18	5.5	0.86	6.6	1.08	7.7	1.29	8.2	1.40	8.7	1.51	9.8	1.72	10.9	1.94
	20	5.5	0.86	6.6	1.08	7.7	1.29	8.2	1.40	8.7	1.51	9.8	1.83	10.9	2.15
	21	5.5	0.86	6.5	1.08	7.7	1.29	8.2	1.40	8.7	1.61	9.7	1.83	10.9	2.15
	23	5.5	0.97	6.5	1.18	7.7	1.40	8.2	1.51	8.7	1.72	9.7	2.04	10.8	2.37
	25	5.5	0.97	6.5	1.18	7.7	1.51	8.2	1.61	8.7	1.83	9.7	2.15	10.8	2.47
	27	5.5	1.08	6.5	1.29	7.7	1.61	8.2	1.72	8.7	1.94	9.7	2.26	10.8	2.69
	29	5.5	1.08	6.5	1.40	7.7	1.72	8.2	1.94	8.7	2.04	9.7	2.47	10.8	2.91
	31	5.5	1.18	6.5	1.51	7.7	1.83	8.1	2.04	8.7	2.26	9.7	2.58	10.8	3.12
	33	5.5	1.29	6.5	1.61	7.5	1.94	8.1	2.15	8.7	2.37	9.7	2.80	10.8	3.34
	35	5.5	1.29	6.5	1.72	7.5	2.04	8.1	2.26	8.6	2.47	9.7	3.01	10.6	3.44
	37	5.3	1.40	6.3	1.83	7.3	2.26	7.9	2.47	8.3	2.69	9.3	3.23	10.0	3.55
	39	5.2	1.51	6.2	1.94	7.2	2.37	7.8	2.58	8.2	2.80	9.1	3.44	9.7	3.66
42	5.2	1.61	6.2	2.04	7.2	2.47	7.8	2.80	8.2	3.01	9.1	3.66	9.6	3.77	
44	5.2	1.61	6.2	2.15	7.2	2.58	7.8	2.91	8.2	3.23	9.1	3.87	9.3	3.87	
46	5.2	1.72	6.2	2.26	7.2	2.80	7.8	3.01	8.2	3.34	9.1	4.09	9.2	3.98	
80%	10	5.0	0.75	5.9	0.86	6.9	1.08	7.3	1.08	7.8	1.18	8.8	1.40	9.7	1.51
	12	5.0	0.75	5.9	0.86	6.9	1.08	7.3	1.18	7.8	1.18	8.7	1.40	9.7	1.61
	14	5.0	0.75	5.9	0.86	6.9	1.08	7.3	1.18	7.8	1.18	8.7	1.40	9.7	1.61
	16	5.0	0.75	5.9	0.97	6.9	1.08	7.3	1.18	7.8	1.29	8.7	1.40	9.7	1.61
	18	5.0	0.75	5.9	0.97	6.9	1.08	7.3	1.18	7.8	1.29	8.7	1.51	9.7	1.61
	20	5.0	0.75	5.9	0.97	6.8	1.18	7.3	1.18	7.8	1.29	8.7	1.51	9.7	1.72
	21	5.0	0.75	5.9	0.97	6.8	1.18	7.3	1.18	7.8	1.29	8.7	1.61	9.7	1.83
	23	5.0	0.86	5.9	0.97	6.8	1.18	7.3	1.29	7.8	1.40	8.7	1.72	9.7	1.94
	25	5.0	0.86	5.9	1.08	6.8	1.29	7.2	1.40	7.8	1.51	8.7	1.83	9.7	2.15
	27	4.8	0.86	5.9	1.08	6.8	1.40	7.2	1.51	7.8	1.61	8.7	1.94	9.7	2.26
	29	4.8	0.97	5.9	1.18	6.8	1.51	7.2	1.61	7.7	1.72	8.7	2.04	9.6	2.37
	31	4.8	0.97	5.9	1.29	6.8	1.51	7.2	1.72	7.7	1.83	8.7	2.15	9.6	2.58
	33	4.8	1.08	5.9	1.40	6.8	1.61	7.2	1.83	7.7	1.94	8.7	2.37	9.6	2.80
	35	4.8	1.18	5.9	1.40	6.8	1.72	7.2	1.94	7.7	2.15	8.6	2.47	9.6	2.91
	37	4.7	1.18	5.6	1.51	6.5	1.83	7.0	2.04	7.4	2.26	8.3	2.69	9.2	3.12
	39	4.6	1.29	5.5	1.61	6.4	1.94	6.9	2.15	7.3	2.37	8.2	2.80	9.1	3.34
42	4.6	1.40	5.5	1.72	6.4	2.04	6.9	2.37	7.3	2.58	8.2	3.01	9.1	3.55	
44	4.6	1.40	5.5	1.83	6.4	2.26	6.9	2.47	7.3	2.69	8.2	3.23	9.1	3.77	
46	4.6	1.51	5.5	1.94	6.4	2.37	6.9	2.58	7.3	2.80	8.2	3.34	9.1	3.98	

2. Outdoor Units

2-8. Capacity table (A2A)

AE090MXTPEH/EU

Cooling

Combination % (Capacity index)	Outdoor temperature (°C, DB)	Indoor temperature (WB, °C)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70%	10	4.3	0.65	5.2	0.75	6.0	0.86	6.4	0.97	6.9	1.08	7.7	1.18	8.4	1.29
	12	4.3	0.65	5.2	0.75	6.0	0.86	6.4	0.97	6.8	1.08	7.7	1.18	8.4	1.29
	14	4.3	0.65	5.2	0.75	6.0	0.97	6.4	0.97	6.8	1.08	7.7	1.18	8.4	1.40
	16	4.3	0.65	5.2	0.75	6.0	0.97	6.4	0.97	6.8	1.08	7.7	1.18	8.4	1.40
	18	4.3	0.65	5.2	0.86	6.0	0.97	6.4	1.08	6.8	1.08	7.7	1.29	8.4	1.40
	20	4.3	0.65	5.2	0.86	6.0	0.97	6.4	1.08	6.8	1.18	7.7	1.29	8.4	1.51
	21	4.3	0.75	5.1	0.86	6.0	0.97	6.4	1.08	6.8	1.18	7.7	1.29	8.4	1.51
	23	4.3	0.75	5.1	0.86	6.0	0.97	6.3	1.08	6.8	1.18	7.5	1.40	8.4	1.61
	25	4.3	0.75	5.1	0.86	6.0	1.08	6.3	1.18	6.8	1.29	7.5	1.51	8.4	1.72
	27	4.3	0.75	5.1	0.97	6.0	1.18	6.3	1.29	6.8	1.40	7.5	1.61	8.4	1.83
	29	4.3	0.86	5.1	0.97	6.0	1.18	6.3	1.29	6.8	1.40	7.5	1.72	8.4	1.94
	31	4.3	0.86	5.1	1.08	6.0	1.29	6.3	1.40	6.8	1.51	7.5	1.83	8.4	2.15
	33	4.3	0.97	5.1	1.18	6.0	1.40	6.3	1.51	6.8	1.61	7.5	1.94	8.4	2.26
	35	4.3	0.97	5.1	1.18	5.9	1.51	6.3	1.61	6.8	1.72	7.5	2.04	8.3	2.37
	37	4.2	1.08	5.0	1.29	5.7	1.51	6.1	1.72	6.5	1.83	7.3	2.15	8.1	2.58
	39	4.1	1.08	4.8	1.40	5.6	1.61	6.0	1.83	6.4	1.94	7.2	2.37	8.0	2.69
42	4.1	1.18	4.8	1.40	5.6	1.72	6.0	1.94	6.4	2.04	7.2	2.47	8.0	2.91	
44	4.1	1.18	4.8	1.51	5.6	1.83	6.0	2.04	6.4	2.15	7.2	2.58	8.0	3.01	
46	4.1	1.29	4.8	1.61	5.6	1.94	6.0	2.15	6.4	2.37	7.2	2.80	8.0	3.23	
60%	10	3.7	0.54	4.4	0.65	5.2	0.75	5.5	0.86	5.9	0.86	6.5	0.97	7.3	1.08
	12	3.7	0.54	4.4	0.65	5.1	0.75	5.5	0.86	5.9	0.86	6.5	0.97	7.2	1.08
	14	3.7	0.54	4.4	0.65	5.1	0.75	5.5	0.86	5.9	0.86	6.5	1.08	7.2	1.18
	16	3.7	0.54	4.4	0.65	5.1	0.75	5.5	0.86	5.9	0.97	6.5	1.08	7.2	1.18
	18	3.7	0.65	4.4	0.75	5.1	0.86	5.5	0.86	5.9	0.97	6.5	1.08	7.2	1.18
	20	3.7	0.65	4.4	0.75	5.1	0.86	5.4	0.86	5.9	0.97	6.5	1.08	7.2	1.18
	21	3.7	0.65	4.4	0.75	5.1	0.86	5.4	0.86	5.9	0.97	6.5	1.08	7.2	1.18
	23	3.7	0.65	4.4	0.75	5.1	0.86	5.4	0.97	5.9	0.97	6.5	1.18	7.2	1.29
	25	3.7	0.65	4.4	0.75	5.1	0.86	5.4	0.97	5.9	1.08	6.5	1.18	7.2	1.40
	27	3.7	0.65	4.4	0.75	5.1	0.97	5.4	1.08	5.7	1.08	6.5	1.29	7.2	1.51
	29	3.7	0.65	4.4	0.86	5.1	0.97	5.4	1.08	5.7	1.18	6.5	1.40	7.2	1.61
	31	3.7	0.75	4.4	0.86	5.1	1.08	5.4	1.18	5.7	1.29	6.5	1.51	7.2	1.72
	33	3.7	0.75	4.4	0.97	5.1	1.18	5.4	1.18	5.7	1.29	6.5	1.51	7.2	1.83
	35	3.6	0.86	4.4	0.97	5.1	1.18	5.4	1.29	5.7	1.40	6.4	1.61	7.2	1.94
	37	3.5	0.86	4.2	1.08	5.0	1.29	5.3	1.40	5.6	1.51	6.3	1.72	7.0	2.04
	39	3.5	0.97	4.2	1.08	4.8	1.40	5.2	1.51	5.5	1.61	6.1	1.83	6.8	2.15
42	3.5	0.97	4.2	1.18	4.8	1.40	5.2	1.51	5.5	1.72	6.1	1.94	6.8	2.26	
44	3.5	0.97	4.2	1.29	4.8	1.51	5.2	1.61	5.5	1.83	6.1	2.04	6.8	2.47	
46	3.5	1.08	4.2	1.29	4.8	1.61	5.2	1.72	5.5	1.83	6.1	2.15	6.8	2.58	
50%	10	3.0	0.43	3.7	0.54	4.3	0.65	4.6	0.65	4.8	0.75	5.5	0.86	6.1	0.86
	12	3.0	0.54	3.7	0.54	4.3	0.65	4.6	0.65	4.8	0.75	5.4	0.86	6.1	0.97
	14	3.0	0.54	3.7	0.54	4.3	0.65	4.6	0.75	4.8	0.75	5.4	0.86	6.1	0.97
	16	3.0	0.54	3.7	0.54	4.3	0.65	4.5	0.75	4.8	0.75	5.4	0.86	6.1	0.97
	18	3.0	0.54	3.7	0.54	4.3	0.65	4.5	0.75	4.8	0.75	5.4	0.86	6.1	0.97
	20	3.0	0.54	3.7	0.65	4.3	0.65	4.5	0.75	4.8	0.75	5.4	0.86	6.1	0.97
	21	3.0	0.54	3.7	0.65	4.3	0.65	4.5	0.75	4.8	0.75	5.4	0.86	6.0	0.97
	23	3.0	0.54	3.6	0.65	4.3	0.75	4.5	0.75	4.8	0.86	5.4	0.86	6.0	1.08
	25	3.0	0.54	3.6	0.65	4.3	0.75	4.5	0.75	4.8	0.86	5.4	0.97	6.0	1.08
	27	3.0	0.54	3.6	0.65	4.3	0.75	4.5	0.86	4.8	0.86	5.4	0.97	6.0	1.18
	29	3.0	0.54	3.6	0.65	4.3	0.86	4.5	0.86	4.8	0.97	5.4	1.08	6.0	1.18
	31	3.0	0.65	3.6	0.75	4.3	0.86	4.5	0.97	4.8	0.97	5.4	1.18	6.0	1.29
	33	3.0	0.65	3.6	0.75	4.3	0.86	4.5	0.97	4.8	1.08	5.4	1.18	6.0	1.40
	35	3.0	0.65	3.6	0.86	4.2	0.97	4.5	1.08	4.8	1.08	5.4	1.29	6.0	1.51
	37	2.9	0.75	3.5	0.86	4.1	0.97	4.4	1.08	4.6	1.18	5.2	1.40	5.7	1.61
	39	2.9	0.75	3.5	0.86	4.1	1.08	4.3	1.18	4.5	1.29	5.1	1.51	5.6	1.72
42	2.9	0.75	3.5	0.97	4.1	1.18	4.3	1.18	4.5	1.29	5.1	1.51	5.6	1.83	
44	2.9	0.86	3.5	0.97	4.1	1.18	4.3	1.29	4.5	1.40	5.1	1.61	5.6	1.83	
46	2.9	0.86	3.5	1.08	4.1	1.29	4.3	1.40	4.5	1.51	5.1	1.72	5.6	1.94	

2. Outdoor Units

2-8. Capacity table (A2A)

AE090MXTPGH/EU

Cooling

Combination % (Capacity index)	Outdoor temperature (°C, DB)	Indoor temperature (WB, °C)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100%	10	6.2	0.99	7.3	1.10	8.6	1.32	9.1	1.43	9.7	1.54	10.9	1.76	12.0	1.98
	12	6.2	0.99	7.3	1.21	8.6	1.43	9.1	1.54	9.7	1.65	10.9	1.87	12.0	2.09
	14	6.2	0.99	7.3	1.21	8.6	1.43	9.1	1.54	9.7	1.65	10.9	1.87	12.0	2.09
	16	6.2	0.99	7.3	1.21	8.6	1.43	9.1	1.54	9.7	1.65	10.9	1.87	12.0	2.20
	18	6.2	0.99	7.3	1.21	8.6	1.43	9.1	1.54	9.7	1.65	10.9	1.98	12.0	2.31
	20	6.2	0.99	7.3	1.21	8.6	1.54	9.1	1.65	9.7	1.87	10.9	2.20	12.0	2.53
	21	6.1	1.10	7.3	1.32	8.6	1.54	9.1	1.76	9.7	1.87	10.9	2.20	12.0	2.64
	23	6.1	1.10	7.3	1.32	8.6	1.65	9.1	1.87	9.7	1.98	10.8	2.42	11.7	2.75
	25	6.1	1.10	7.3	1.43	8.6	1.76	9.1	1.98	9.7	2.20	10.8	2.64	11.7	2.86
	27	6.1	1.21	7.3	1.54	8.4	1.87	9.0	2.09	9.7	2.31	10.8	2.75	11.6	3.08
	29	6.1	1.32	7.3	1.65	8.4	2.09	9.0	2.20	9.6	2.53	10.8	2.97	11.4	3.19
	31	6.1	1.43	7.3	1.76	8.4	2.20	9.0	2.42	9.6	2.64	10.8	3.19	11.3	3.30
	33	6.1	1.43	7.3	1.87	8.4	2.31	9.0	2.53	9.6	2.86	10.8	3.41	10.9	3.41
	35	6.1	1.54	7.2	1.98	8.4	2.53	9.0	2.75	9.6	2.97	10.6	3.52	10.8	3.52
	37	5.9	1.65	7.0	2.09	8.2	2.64	8.8	2.97	9.2	3.19	10.0	3.63	10.2	3.63
	39	5.7	1.76	6.9	2.20	8.0	2.86	8.6	3.08	9.1	3.41	9.7	3.74	9.9	3.74
42	5.7	1.87	6.9	2.42	8.0	2.97	8.6	3.30	9.1	3.63	9.6	3.85	9.8	3.85	
44	5.7	1.98	6.9	2.53	8.0	3.19	8.6	3.52	9.1	3.85	9.3	3.96	9.7	4.07	
46	5.7	2.09	6.9	2.64	8.0	3.30	8.6	3.74	9.1	4.07	9.2	4.07	9.5	4.18	
90%	10	5.5	0.88	6.6	0.99	7.7	1.21	8.2	1.32	8.8	1.43	9.8	1.54	10.9	1.76
	12	5.5	0.88	6.6	0.99	7.7	1.21	8.2	1.32	8.7	1.43	9.8	1.65	10.9	1.87
	14	5.5	0.88	6.6	1.10	7.7	1.21	8.2	1.32	8.7	1.43	9.8	1.65	10.9	1.87
	16	5.5	0.88	6.6	1.10	7.7	1.32	8.2	1.32	8.7	1.43	9.8	1.65	10.9	1.87
	18	5.5	0.88	6.6	1.10	7.7	1.32	8.2	1.43	8.7	1.54	9.8	1.76	10.9	1.98
	20	5.5	0.88	6.6	1.10	7.7	1.32	8.2	1.43	8.7	1.54	9.8	1.87	10.9	2.20
	21	5.5	0.88	6.5	1.10	7.7	1.32	8.2	1.43	8.7	1.65	9.7	1.87	10.9	2.20
	23	5.5	0.99	6.5	1.21	7.7	1.43	8.2	1.54	8.7	1.76	9.7	2.09	10.8	2.42
	25	5.5	0.99	6.5	1.21	7.7	1.54	8.2	1.65	8.7	1.87	9.7	2.20	10.8	2.53
	27	5.5	1.10	6.5	1.32	7.7	1.65	8.2	1.76	8.7	1.98	9.7	2.31	10.8	2.75
	29	5.5	1.10	6.5	1.43	7.7	1.76	8.2	1.98	8.7	2.09	9.7	2.53	10.8	2.97
	31	5.5	1.21	6.5	1.54	7.7	1.87	8.1	2.09	8.7	2.31	9.7	2.64	10.8	3.19
	33	5.5	1.32	6.5	1.65	7.5	1.98	8.1	2.20	8.7	2.42	9.7	2.86	10.8	3.41
	35	5.5	1.32	6.5	1.76	7.5	2.09	8.1	2.31	8.6	2.53	9.7	3.08	10.6	3.52
	37	5.3	1.43	6.3	1.87	7.3	2.31	7.9	2.53	8.3	2.75	9.3	3.30	10.0	3.63
	39	5.2	1.54	6.2	1.98	7.2	2.42	7.8	2.64	8.2	2.86	9.1	3.52	9.7	3.74
42	5.2	1.65	6.2	2.09	7.2	2.53	7.8	2.86	8.2	3.08	9.1	3.74	9.6	3.85	
44	5.2	1.65	6.2	2.20	7.2	2.64	7.8	2.97	8.2	3.30	9.1	3.96	9.3	3.96	
46	5.2	1.76	6.2	2.31	7.2	2.86	7.8	3.08	8.2	3.41	9.1	4.18	9.2	4.07	
80%	10	5.0	0.77	5.9	0.88	6.9	1.10	7.3	1.10	7.8	1.21	8.8	1.43	9.7	1.54
	12	5.0	0.77	5.9	0.88	6.9	1.10	7.3	1.21	7.8	1.21	8.7	1.43	9.7	1.65
	14	5.0	0.77	5.9	0.88	6.9	1.10	7.3	1.21	7.8	1.21	8.7	1.43	9.7	1.65
	16	5.0	0.77	5.9	0.99	6.9	1.10	7.3	1.21	7.8	1.32	8.7	1.43	9.7	1.65
	18	5.0	0.77	5.9	0.99	6.9	1.10	7.3	1.21	7.8	1.32	8.7	1.54	9.7	1.65
	20	5.0	0.77	5.9	0.99	6.8	1.21	7.3	1.21	7.8	1.32	8.7	1.54	9.7	1.76
	21	5.0	0.77	5.9	0.99	6.8	1.21	7.3	1.21	7.8	1.32	8.7	1.65	9.7	1.87
	23	5.0	0.88	5.9	0.99	6.8	1.21	7.3	1.32	7.8	1.43	8.7	1.76	9.7	1.98
	25	5.0	0.88	5.9	1.10	6.8	1.32	7.2	1.43	7.8	1.54	8.7	1.87	9.7	2.20
	27	4.8	0.88	5.9	1.10	6.8	1.43	7.2	1.54	7.8	1.65	8.7	1.98	9.7	2.31
	29	4.8	0.99	5.9	1.21	6.8	1.54	7.2	1.65	7.7	1.76	8.7	2.09	9.6	2.42
	31	4.8	0.99	5.9	1.32	6.8	1.54	7.2	1.76	7.7	1.87	8.7	2.20	9.6	2.64
	33	4.8	1.10	5.9	1.43	6.8	1.65	7.2	1.87	7.7	1.98	8.7	2.42	9.6	2.86
	35	4.8	1.21	5.9	1.43	6.8	1.76	7.2	1.98	7.7	2.20	8.6	2.53	9.6	2.97
	37	4.7	1.21	5.6	1.54	6.5	1.87	7.0	2.09	7.4	2.31	8.3	2.75	9.2	3.19
	39	4.6	1.32	5.5	1.65	6.4	1.98	6.9	2.20	7.3	2.42	8.2	2.86	9.1	3.41
42	4.6	1.43	5.5	1.76	6.4	2.09	6.9	2.42	7.3	2.64	8.2	3.08	9.1	3.63	
44	4.6	1.43	5.5	1.87	6.4	2.31	6.9	2.53	7.3	2.75	8.2	3.30	9.1	3.85	
46	4.6	1.54	5.5	1.98	6.4	2.42	6.9	2.64	7.3	2.86	8.2	3.41	9.1	4.07	

2. Outdoor Units

2-8. Capacity table (A2A)

AE090MXTPGH/EU

Cooling

Combination % (Capacity index)	Outdoor temperature (°C, DB)	Indoor temperature (WB, °C)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70%	10	4.3	0.66	5.2	0.77	6.0	0.88	6.4	0.99	6.9	1.10	7.7	1.21	8.4	1.32
	12	4.3	0.66	5.2	0.77	6.0	0.88	6.4	0.99	6.8	1.10	7.7	1.21	8.4	1.32
	14	4.3	0.66	5.2	0.77	6.0	0.99	6.4	0.99	6.8	1.10	7.7	1.21	8.4	1.43
	16	4.3	0.66	5.2	0.77	6.0	0.99	6.4	0.99	6.8	1.10	7.7	1.21	8.4	1.43
	18	4.3	0.66	5.2	0.88	6.0	0.99	6.4	1.10	6.8	1.10	7.7	1.32	8.4	1.43
	20	4.3	0.66	5.2	0.88	6.0	0.99	6.4	1.10	6.8	1.21	7.7	1.32	8.4	1.54
	21	4.3	0.77	5.1	0.88	6.0	0.99	6.4	1.10	6.8	1.21	7.7	1.32	8.4	1.54
	23	4.3	0.77	5.1	0.88	6.0	0.99	6.3	1.10	6.8	1.21	7.5	1.43	8.4	1.65
	25	4.3	0.77	5.1	0.88	6.0	1.10	6.3	1.21	6.8	1.32	7.5	1.54	8.4	1.76
	27	4.3	0.77	5.1	0.99	6.0	1.21	6.3	1.32	6.8	1.43	7.5	1.65	8.4	1.87
	29	4.3	0.88	5.1	0.99	6.0	1.21	6.3	1.32	6.8	1.43	7.5	1.76	8.4	1.98
	31	4.3	0.88	5.1	1.10	6.0	1.32	6.3	1.43	6.8	1.54	7.5	1.87	8.4	2.20
	33	4.3	0.99	5.1	1.21	6.0	1.43	6.3	1.54	6.8	1.65	7.5	1.98	8.4	2.31
	35	4.3	0.99	5.1	1.21	5.9	1.54	6.3	1.65	6.8	1.76	7.5	2.09	8.3	2.42
	37	4.2	1.10	5.0	1.32	5.7	1.54	6.1	1.76	6.5	1.87	7.3	2.20	8.1	2.64
	39	4.1	1.10	4.8	1.43	5.6	1.65	6.0	1.87	6.4	1.98	7.2	2.42	8.0	2.75
42	4.1	1.21	4.8	1.43	5.6	1.76	6.0	1.98	6.4	2.09	7.2	2.53	8.0	2.97	
44	4.1	1.21	4.8	1.54	5.6	1.87	6.0	2.09	6.4	2.20	7.2	2.64	8.0	3.08	
46	4.1	1.32	4.8	1.65	5.6	1.98	6.0	2.20	6.4	2.42	7.2	2.86	8.0	3.30	
60%	10	3.7	0.55	4.4	0.66	5.2	0.77	5.5	0.88	5.9	0.88	6.5	0.99	7.3	1.10
	12	3.7	0.55	4.4	0.66	5.1	0.77	5.5	0.88	5.9	0.88	6.5	0.99	7.2	1.10
	14	3.7	0.55	4.4	0.66	5.1	0.77	5.5	0.88	5.9	0.88	6.5	1.10	7.2	1.21
	16	3.7	0.55	4.4	0.66	5.1	0.77	5.5	0.88	5.9	0.99	6.5	1.10	7.2	1.21
	18	3.7	0.66	4.4	0.77	5.1	0.88	5.5	0.88	5.9	0.99	6.5	1.10	7.2	1.21
	20	3.7	0.66	4.4	0.77	5.1	0.88	5.4	0.88	5.9	0.99	6.5	1.10	7.2	1.21
	21	3.7	0.66	4.4	0.77	5.1	0.88	5.4	0.88	5.9	0.99	6.5	1.10	7.2	1.21
	23	3.7	0.66	4.4	0.77	5.1	0.88	5.4	0.99	5.9	0.99	6.5	1.21	7.2	1.32
	25	3.7	0.66	4.4	0.77	5.1	0.88	5.4	0.99	5.9	1.10	6.5	1.21	7.2	1.43
	27	3.7	0.66	4.4	0.77	5.1	0.99	5.4	1.10	5.7	1.10	6.5	1.32	7.2	1.54
	29	3.7	0.66	4.4	0.88	5.1	0.99	5.4	1.10	5.7	1.21	6.5	1.43	7.2	1.65
	31	3.7	0.77	4.4	0.88	5.1	1.10	5.4	1.21	5.7	1.32	6.5	1.54	7.2	1.76
	33	3.7	0.77	4.4	0.99	5.1	1.21	5.4	1.21	5.7	1.32	6.5	1.54	7.2	1.87
	35	3.6	0.88	4.4	0.99	5.1	1.21	5.4	1.32	5.7	1.43	6.4	1.65	7.2	1.98
	37	3.5	0.88	4.2	1.10	5.0	1.32	5.3	1.43	5.6	1.54	6.3	1.76	7.0	2.09
	39	3.5	0.99	4.2	1.10	4.8	1.43	5.2	1.54	5.5	1.65	6.1	1.87	6.8	2.20
42	3.5	0.99	4.2	1.21	4.8	1.43	5.2	1.54	5.5	1.76	6.1	1.98	6.8	2.31	
44	3.5	0.99	4.2	1.32	4.8	1.54	5.2	1.65	5.5	1.87	6.1	2.09	6.8	2.53	
46	3.5	1.10	4.2	1.32	4.8	1.65	5.2	1.76	5.5	1.87	6.1	2.20	6.8	2.64	
50%	10	3.0	0.44	3.7	0.55	4.3	0.66	4.6	0.66	4.8	0.77	5.5	0.88	6.1	0.88
	12	3.0	0.55	3.7	0.55	4.3	0.66	4.6	0.66	4.8	0.77	5.4	0.88	6.1	0.99
	14	3.0	0.55	3.7	0.55	4.3	0.66	4.6	0.77	4.8	0.77	5.4	0.88	6.1	0.99
	16	3.0	0.55	3.7	0.55	4.3	0.66	4.5	0.77	4.8	0.77	5.4	0.88	6.1	0.99
	18	3.0	0.55	3.7	0.55	4.3	0.66	4.5	0.77	4.8	0.77	5.4	0.88	6.1	0.99
	20	3.0	0.55	3.7	0.66	4.3	0.66	4.5	0.77	4.8	0.77	5.4	0.88	6.1	0.99
	21	3.0	0.55	3.7	0.66	4.3	0.66	4.5	0.77	4.8	0.77	5.4	0.88	6.0	0.99
	23	3.0	0.55	3.6	0.66	4.3	0.77	4.5	0.77	4.8	0.88	5.4	0.88	6.0	1.10
	25	3.0	0.55	3.6	0.66	4.3	0.77	4.5	0.77	4.8	0.88	5.4	0.99	6.0	1.10
	27	3.0	0.55	3.6	0.66	4.3	0.77	4.5	0.88	4.8	0.88	5.4	0.99	6.0	1.21
	29	3.0	0.55	3.6	0.66	4.3	0.88	4.5	0.88	4.8	0.99	5.4	1.10	6.0	1.21
	31	3.0	0.66	3.6	0.77	4.3	0.88	4.5	0.99	4.8	0.99	5.4	1.21	6.0	1.32
	33	3.0	0.66	3.6	0.77	4.3	0.88	4.5	0.99	4.8	1.10	5.4	1.21	6.0	1.43
	35	3.0	0.66	3.6	0.88	4.2	0.99	4.5	1.10	4.8	1.10	5.4	1.32	6.0	1.54
	37	2.9	0.77	3.5	0.88	4.1	0.99	4.4	1.10	4.6	1.21	5.2	1.43	5.7	1.65
	39	2.9	0.77	3.5	0.88	4.1	1.10	4.3	1.21	4.5	1.32	5.1	1.54	5.6	1.76
42	2.9	0.77	3.5	0.99	4.1	1.21	4.3	1.21	4.5	1.32	5.1	1.54	5.6	1.87	
44	2.9	0.88	3.5	0.99	4.1	1.21	4.3	1.32	4.5	1.43	5.1	1.65	5.6	1.87	
46	2.9	0.88	3.5	1.10	4.1	1.32	4.3	1.43	4.5	1.54	5.1	1.76	5.6	1.98	

2. Outdoor Units

2-8. Capacity table (A2A)

AE120MXTP*H/EU

Cooling

Combination % (Capacity index)	Outdoor temperature (°C, DB)	Indoor temperature (WB, °C)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100%	DB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
	10	8.3	1.22	9.9	1.59	11.6	1.84	12.3	1.96	13.1	2.08	14.7	2.45	16.2	2.69
	12	8.3	1.35	9.8	1.59	11.5	1.84	12.3	1.96	13.1	2.20	14.7	2.45	16.2	2.81
	14	8.3	1.35	9.8	1.59	11.5	1.84	12.2	2.08	13.1	2.20	14.7	2.45	16.2	2.81
	16	8.3	1.35	9.8	1.59	11.5	1.96	12.2	2.08	13.0	2.20	14.7	2.57	16.2	2.94
	18	8.2	1.35	9.8	1.59	11.5	1.96	12.2	2.08	13.0	2.32	14.6	2.69	16.2	3.18
	20	8.2	1.35	9.8	1.71	11.5	2.08	12.2	2.20	13.0	2.45	14.6	2.94	16.1	3.43
	21	8.2	1.35	9.8	1.71	11.5	2.08	12.2	2.32	13.0	2.57	14.6	3.06	16.1	3.55
	23	8.2	1.47	9.8	1.84	11.5	2.20	12.2	2.45	13.0	2.69	14.6	3.18	16.0	3.79
	25	8.2	1.47	9.8	1.96	11.5	2.45	12.2	2.69	13.0	2.94	14.6	3.43	15.8	3.91
	27	8.2	1.59	9.8	2.08	11.5	2.57	12.2	2.81	13.0	3.06	14.6	3.67	15.6	4.04
	29	8.2	1.71	9.8	2.20	11.5	2.69	12.2	3.06	13.0	3.30	14.6	3.91	15.3	4.16
	31	8.2	1.84	9.8	2.32	11.3	2.94	12.1	3.18	12.9	3.55	14.6	4.28	15.1	4.40
	33	8.2	1.96	9.7	2.45	11.3	3.06	12.1	3.43	12.9	3.79	14.5	4.53	14.7	4.53
	35	8.2	2.08	9.7	2.69	11.3	3.30	12.1	3.67	12.9	4.04	14.3	4.65	14.5	4.77
	37	7.9	2.20	9.4	2.81	11.0	3.55	11.8	3.91	12.4	4.28	13.5	4.89	13.8	4.89
	39	7.8	2.32	9.3	3.06	10.8	3.79	11.5	4.16	12.2	4.65	13.1	5.02	13.4	5.02
	42	5.9	1.71	7.0	2.20	8.2	2.81	12.1	4.40	9.3	3.43	9.7	3.55	9.9	3.67
44	5.9	1.84	7.0	2.32	8.2	2.94	12.1	4.65	9.3	3.55	9.6	3.67	9.8	3.79	
46	8.2	3.06	9.7	3.91	11.3	4.89	12.1	5.38	12.9	5.87	13.1	5.99	13.4	6.12	
90%	10	7.5	1.10	8.9	1.35	10.4	1.59	11.1	1.71	11.8	1.84	13.2	2.08	14.7	2.45
	12	7.5	1.10	8.9	1.35	10.4	1.59	11.0	1.71	11.7	1.96	13.2	2.20	14.7	2.45
	14	7.5	1.22	8.9	1.47	10.3	1.71	11.0	1.84	11.7	1.96	13.2	2.20	14.7	2.45
	16	7.5	1.22	8.9	1.47	10.3	1.71	11.0	1.84	11.7	1.96	13.1	2.20	14.7	2.57
	18	7.5	1.22	8.9	1.47	10.3	1.71	11.0	1.84	11.7	2.08	13.1	2.32	14.6	2.69
	20	7.5	1.22	8.9	1.47	10.3	1.71	11.0	1.96	11.7	2.08	13.1	2.45	14.6	2.94
	21	7.5	1.22	8.9	1.47	10.3	1.84	11.0	1.96	11.7	2.20	13.1	2.57	14.6	2.94
	23	7.5	1.22	8.9	1.59	10.3	1.96	11.0	2.08	11.7	2.32	13.1	2.69	14.6	3.18
	25	7.3	1.35	8.9	1.71	10.3	2.08	11.0	2.32	11.7	2.45	13.1	2.94	14.6	3.43
	27	7.3	1.47	8.9	1.84	10.3	2.20	11.0	2.45	11.7	2.69	13.1	3.18	14.6	3.67
	29	7.3	1.47	8.9	1.96	10.3	2.32	11.0	2.57	11.7	2.81	13.1	3.43	14.6	3.91
	31	7.3	1.59	8.8	2.08	10.3	2.45	10.9	2.81	11.6	3.06	13.0	3.55	14.6	4.28
	33	7.3	1.71	8.8	2.20	10.2	2.69	10.9	2.94	11.6	3.18	13.0	3.79	14.5	4.53
	35	7.3	1.84	8.8	2.32	10.2	2.81	10.9	3.18	11.6	3.43	13.0	4.16	14.3	4.65
	37	7.1	1.96	8.5	2.45	9.8	3.06	10.6	3.30	11.2	3.67	12.5	4.40	13.5	4.89
	39	7.0	2.08	8.3	2.57	9.6	3.18	10.4	3.55	11.0	3.91	12.3	4.65	13.1	5.02
	42	7.0	2.20	8.3	2.81	9.6	3.43	10.4	3.79	11.0	4.16	12.3	5.02	12.9	5.14
	44	7.0	2.32	8.3	2.94	9.6	3.55	10.4	4.04	11.0	4.40	12.3	5.26	12.6	5.38
46	7.3	2.57	8.8	3.30	10.2	4.16	10.9	4.53	11.6	5.02	13.0	5.99	13.1	5.99	
80%	10	6.6	0.98	7.9	1.22	9.2	1.47	9.8	1.47	10.5	1.59	11.8	1.84	13.1	2.08
	12	6.6	0.98	7.9	1.22	9.2	1.47	9.8	1.59	10.5	1.71	11.7	1.96	13.1	2.20
	14	6.6	0.98	7.9	1.22	9.2	1.47	9.8	1.59	10.5	1.71	11.7	1.96	13.1	2.20
	16	6.6	1.10	7.9	1.22	9.2	1.47	9.8	1.59	10.5	1.71	11.7	1.96	13.0	2.20
	18	6.6	1.10	7.9	1.35	9.2	1.47	9.8	1.59	10.4	1.71	11.7	1.96	13.0	2.32
	20	6.6	1.10	7.9	1.35	9.2	1.59	9.7	1.71	10.4	1.84	11.7	2.08	13.0	2.45
	21	6.6	1.10	7.9	1.35	9.2	1.59	9.7	1.71	10.4	1.84	11.7	2.20	13.0	2.57
	23	6.6	1.10	7.9	1.35	9.1	1.59	9.7	1.84	10.4	1.96	11.7	2.32	13.0	2.69
	25	6.6	1.10	7.9	1.47	9.1	1.71	9.7	1.96	10.4	2.08	11.7	2.45	13.0	2.94
	27	6.6	1.22	7.9	1.59	9.1	1.84	9.7	2.08	10.4	2.20	11.7	2.69	13.0	3.06
	29	6.6	1.35	7.8	1.59	9.1	1.96	9.7	2.20	10.4	2.45	11.7	2.81	13.0	3.30
	31	6.6	1.35	7.8	1.71	9.1	2.08	9.7	2.32	10.4	2.57	11.6	3.06	12.9	3.55
	33	6.6	1.47	7.8	1.84	9.1	2.20	9.7	2.45	10.4	2.69	11.6	3.18	12.9	3.79
	35	6.6	1.59	7.8	1.96	9.1	2.45	9.7	2.69	10.3	2.94	11.6	3.43	12.9	4.04
	37	6.4	1.71	7.6	2.08	8.8	2.57	9.4	2.81	10.0	3.06	11.2	3.67	12.4	4.28
	39	6.2	1.71	7.3	2.20	8.6	2.69	9.2	2.94	9.8	3.30	11.0	3.91	12.2	4.53
	42	6.2	1.84	7.3	2.32	8.6	2.81	9.2	3.18	9.8	3.43	11.0	4.16	12.2	4.89
	44	6.2	1.96	7.3	2.45	8.6	3.06	9.2	3.30	9.8	3.67	11.0	4.40	12.2	5.14
46	6.6	2.20	7.8	2.81	9.1	3.43	9.7	3.91	10.3	4.16	11.6	5.02	12.9	5.87	

2. Outdoor Units

2-8. Capacity table (A2A)

AE120MXTP*H/EU

Cooling

Combination % (Capacity index)	Outdoor temperature (°C, DB)	Indoor temperature (WB, °C)													
		14		16		18		19		20		22		24	
		TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
70%	10	5.8	0.86	6.9	1.10	8.0	1.22	8.6	1.35	9.2	1.47	10.3	1.59	11.5	1.84
	12	5.8	0.86	6.9	1.10	8.0	1.22	8.5	1.35	9.2	1.47	10.3	1.59	11.3	1.84
	14	5.8	0.86	6.9	1.10	8.0	1.22	8.5	1.35	9.2	1.47	10.3	1.71	11.3	1.84
	16	5.8	0.98	6.9	1.10	8.0	1.35	8.5	1.35	9.2	1.47	10.3	1.71	11.3	1.96
	18	5.7	0.98	6.9	1.10	8.0	1.35	8.5	1.47	9.1	1.47	10.3	1.71	11.3	1.96
	20	5.7	0.98	6.9	1.10	8.0	1.35	8.5	1.47	9.1	1.59	10.3	1.71	11.3	1.96
	21	5.7	0.98	6.9	1.10	8.0	1.35	8.5	1.47	9.1	1.59	10.3	1.84	11.3	2.08
	23	5.7	0.98	6.9	1.22	8.0	1.35	8.5	1.47	9.1	1.59	10.2	1.96	11.3	2.20
	25	5.7	0.98	6.9	1.22	8.0	1.47	8.5	1.59	9.1	1.71	10.2	2.08	11.3	2.32
	27	5.7	1.10	6.8	1.35	8.0	1.59	8.5	1.71	9.1	1.84	10.2	2.20	11.3	2.57
	29	5.7	1.10	6.8	1.35	8.0	1.71	8.5	1.84	9.1	1.96	10.2	2.32	11.3	2.69
	31	5.7	1.22	6.8	1.47	8.0	1.71	8.5	1.96	9.1	2.08	10.2	2.45	11.2	2.94
	33	5.7	1.22	6.8	1.59	8.0	1.84	8.5	2.08	9.1	2.20	10.2	2.69	11.2	3.06
	35	5.7	1.35	6.8	1.59	7.9	1.96	8.4	2.20	9.1	2.45	10.2	2.81	11.2	3.30
	37	5.5	1.47	6.6	1.71	7.7	2.08	8.2	2.32	8.8	2.57	9.8	2.94	10.9	3.55
	39	5.4	1.47	6.5	1.84	7.6	2.20	8.0	2.45	8.5	2.69	9.6	3.18	10.7	3.67
42	5.4	1.59	6.5	1.96	7.6	2.32	8.0	2.57	8.5	2.81	9.6	3.43	10.7	3.91	
44	5.4	1.59	6.5	2.08	7.6	2.45	8.0	2.81	8.5	3.06	9.6	3.55	10.7	4.16	
46	5.7	1.84	6.8	2.32	7.9	2.81	8.4	3.18	9.1	3.43	10.2	4.16	11.2	4.77	
60%	10	5.0	0.73	5.9	0.86	6.9	1.10	7.3	1.10	7.9	1.22	8.9	1.35	9.7	1.47
	12	5.0	0.73	5.9	0.98	6.9	1.10	7.3	1.10	7.9	1.22	8.8	1.35	9.7	1.59
	14	5.0	0.73	5.9	0.98	6.9	1.10	7.3	1.10	7.9	1.22	8.8	1.35	9.7	1.59
	16	5.0	0.86	5.9	0.98	6.9	1.10	7.3	1.22	7.8	1.22	8.8	1.47	9.7	1.59
	18	5.0	0.86	5.9	0.98	6.8	1.10	7.3	1.22	7.8	1.22	8.8	1.47	9.7	1.59
	20	5.0	0.86	5.9	0.98	6.8	1.10	7.3	1.22	7.8	1.35	8.8	1.47	9.7	1.71
	21	5.0	0.86	5.9	0.98	6.8	1.10	7.3	1.22	7.8	1.35	8.8	1.47	9.7	1.71
	23	5.0	0.86	5.9	0.98	6.8	1.22	7.3	1.22	7.8	1.35	8.8	1.59	9.7	1.84
	25	5.0	0.86	5.8	0.98	6.8	1.22	7.3	1.35	7.8	1.47	8.8	1.71	9.7	1.96
	27	5.0	0.86	5.8	1.10	6.8	1.35	7.3	1.35	7.8	1.47	8.8	1.71	9.7	2.08
	29	5.0	0.98	5.8	1.10	6.8	1.35	7.3	1.47	7.8	1.59	8.8	1.84	9.6	2.20
	31	5.0	0.98	5.8	1.22	6.8	1.47	7.2	1.59	7.8	1.71	8.8	1.96	9.6	2.32
	33	5.0	1.10	5.8	1.35	6.8	1.59	7.2	1.71	7.8	1.84	8.8	2.08	9.6	2.45
	35	4.9	1.10	5.8	1.35	6.8	1.59	7.2	1.84	7.8	1.96	8.6	2.32	9.6	2.57
	37	4.8	1.22	5.6	1.47	6.6	1.71	7.0	1.96	7.5	2.08	8.4	2.45	9.5	2.81
	39	4.6	1.22	5.5	1.59	6.5	1.84	6.9	1.96	7.3	2.20	8.2	2.57	9.2	2.94
42	4.6	1.35	5.5	1.59	6.5	1.96	6.9	2.08	7.3	2.32	8.2	2.69	9.2	3.18	
44	4.6	1.35	5.5	1.71	6.5	2.08	6.9	2.20	7.3	2.45	8.2	2.81	9.2	3.30	
46	4.9	1.59	5.8	1.96	6.8	2.45	7.2	2.57	7.8	2.81	8.6	3.30	9.6	3.79	
50%	10	4.1	0.61	5.0	0.73	5.7	0.86	6.2	0.98	6.5	0.98	7.3	1.10	8.1	1.22
	12	4.1	0.73	5.0	0.73	5.7	0.86	6.2	0.98	6.5	0.98	7.3	1.10	8.1	1.22
	14	4.1	0.73	5.0	0.73	5.7	0.86	6.2	0.98	6.5	0.98	7.3	1.10	8.1	1.22
	16	4.1	0.73	5.0	0.86	5.7	0.98	6.2	0.98	6.5	1.10	7.3	1.22	8.1	1.35
	18	4.1	0.73	5.0	0.86	5.7	0.98	6.2	0.98	6.5	1.10	7.3	1.22	8.1	1.35
	20	4.1	0.73	5.0	0.86	5.7	0.98	6.2	0.98	6.5	1.10	7.3	1.22	8.1	1.35
	21	4.1	0.73	5.0	0.86	5.7	0.98	6.2	0.98	6.5	1.10	7.3	1.22	8.1	1.35
	23	4.1	0.73	4.9	0.86	5.7	0.98	6.1	1.10	6.5	1.10	7.2	1.22	8.1	1.35
	25	4.1	0.73	4.9	0.86	5.7	0.98	6.1	1.10	6.5	1.10	7.2	1.35	8.1	1.47
	27	4.1	0.73	4.9	0.86	5.7	1.10	6.1	1.10	6.5	1.22	7.2	1.35	8.1	1.59
	29	4.1	0.73	4.9	0.98	5.7	1.10	6.1	1.22	6.5	1.35	7.2	1.47	8.1	1.71
	31	4.1	0.86	4.9	0.98	5.7	1.22	6.1	1.22	6.5	1.35	7.2	1.59	8.0	1.84
	33	4.1	0.86	4.9	1.10	5.7	1.22	6.1	1.35	6.5	1.47	7.2	1.71	8.0	1.96
	35	4.1	0.98	4.9	1.10	5.6	1.35	6.1	1.47	6.5	1.59	7.2	1.84	8.0	2.08
	37	4.0	0.98	4.8	1.22	5.5	1.35	5.8	1.47	6.3	1.59	7.0	1.84	7.8	2.20
	39	3.9	0.98	4.6	1.22	5.4	1.47	5.7	1.59	6.2	1.71	6.9	1.96	7.6	2.32
42	3.9	1.10	4.6	1.35	5.4	1.59	5.7	1.71	6.2	1.84	6.9	2.08	7.6	2.45	
44	3.9	1.10	4.6	1.35	5.4	1.59	5.7	1.84	6.2	1.96	6.9	2.20	7.6	2.57	
46	3.9	1.10	4.6	1.35	5.4	1.59	5.7	1.84	6.2	1.96	6.9	2.20	7.6	2.57	

2. Outdoor Units

2-8. Capacity table (A2A)

AE160MXTP*H/EU

Cooling

Combination % (Capacity index)	Outdoor temperature (°C, DB)	Indoor temperature (WB, °C)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100%	DB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
	10	10.6	1.65	12.6	1.96	14.6	2.37	15.6	2.47	16.6	2.68	18.7	3.09	20.4	3.40
	12	10.5	1.65	12.6	1.96	14.6	2.37	15.6	2.58	16.6	2.78	18.7	3.19	20.2	3.40
	14	10.5	1.65	12.6	2.06	14.6	2.37	15.6	2.58	16.6	2.78	18.6	3.19	19.9	3.30
	16	10.5	1.75	12.6	2.06	14.6	2.47	15.6	2.68	16.6	2.89	18.6	3.30	19.5	3.40
	18	10.5	1.75	12.5	2.06	14.6	2.47	15.6	2.68	16.6	2.89	18.6	3.50	19.3	3.61
	20	10.5	1.75	12.5	2.16	14.5	2.58	15.6	2.89	16.6	3.09	18.6	3.71	19.0	3.71
	21	10.5	1.75	12.5	2.16	14.5	2.68	15.5	2.99	16.5	3.19	18.5	3.81	18.9	3.81
	23	10.5	1.85	12.5	2.37	14.5	2.89	15.5	3.19	16.5	3.50	18.1	4.02	18.5	4.02
	25	10.5	1.96	12.5	2.47	14.5	3.09	15.5	3.40	16.5	3.71	17.9	4.12	18.3	4.22
	27	10.5	2.06	12.5	2.68	14.5	3.30	15.5	3.61	16.5	4.02	17.6	4.33	18.0	4.33
	29	10.5	2.27	12.5	2.78	14.5	3.50	15.5	3.92	16.5	4.22	17.4	4.53	17.7	4.53
	31	10.4	2.37	12.5	2.99	14.5	3.71	15.5	4.12	16.5	4.53	17.1	4.64	17.5	4.74
	33	10.4	2.47	12.4	3.19	14.4	4.02	15.4	4.43	16.4	4.84	16.8	4.84	17.2	4.95
	35	10.4	2.68	12.4	3.40	14.4	4.22	15.4	4.74	16.1	4.95	16.5	5.05	16.8	5.05
	37	10.1	2.68	12.0	3.40	14.0	4.33	14.9	4.74	15.3	4.95	15.7	4.95	16.1	4.95
39	9.9	2.68	11.8	3.50	13.7	4.33	14.6	4.84	14.8	4.84	15.1	4.84	15.5	4.95	
42	9.9	2.89	11.8	3.71	13.7	4.64	14.6	5.05	14.6	4.95	14.8	5.05	15.2	5.05	
44	9.9	2.99	11.8	3.92	13.7	4.84	14.6	5.36	14.4	5.15	14.5	5.15	14.9	5.26	
46	9.9	3.19	11.8	4.12	13.7	5.15	14.6	5.67	14.2	5.26	14.2	5.36	14.6	5.46	
90%	10	9.5	1.44	11.3	1.75	13.1	2.06	14.1	2.27	15.0	2.37	16.9	2.78	18.7	3.09
	12	9.4	1.44	11.3	1.75	13.1	2.06	14.1	2.27	15.0	2.47	16.8	2.78	18.7	3.09
	14	9.4	1.55	11.2	1.85	13.1	2.16	14.1	2.27	15.0	2.47	16.8	2.89	18.6	3.19
	16	9.4	1.55	11.2	1.85	13.1	2.16	14.1	2.37	15.0	2.58	16.8	2.89	18.6	3.30
	18	9.4	1.55	11.2	1.85	13.0	2.27	14.1	2.37	15.0	2.58	16.8	2.99	18.6	3.40
	20	9.4	1.55	11.2	1.96	13.0	2.27	14.0	2.47	14.9	2.68	16.8	3.19	18.6	3.71
	21	9.4	1.55	11.2	1.96	13.0	2.27	14.0	2.58	14.9	2.78	16.8	3.30	18.5	3.81
	23	9.4	1.65	11.2	2.06	13.0	2.47	14.0	2.68	14.9	2.99	16.7	3.50	18.1	4.02
	25	9.4	1.75	11.2	2.16	13.0	2.68	14.0	2.89	14.9	3.19	16.7	3.81	17.9	4.12
	27	9.4	1.85	11.2	2.27	13.0	2.78	14.0	3.09	14.9	3.40	16.7	4.02	17.6	4.33
	29	9.4	1.96	11.2	2.47	13.0	2.99	14.0	3.30	14.9	3.61	16.7	4.33	17.3	4.53
	31	9.3	2.06	11.1	2.58	13.0	3.19	14.0	3.50	14.9	3.92	16.7	4.64	17.1	4.64
	33	9.3	2.16	11.1	2.78	12.9	3.40	13.9	3.81	14.8	4.12	16.4	4.84	16.8	4.84
	35	9.3	2.37	11.1	2.99	12.9	3.61	13.9	4.02	14.8	4.43	16.1	4.95	16.5	5.05
	37	9.0	2.37	10.8	2.99	12.5	3.71	13.5	4.02	14.4	4.43	15.4	4.95	15.7	4.95
	39	8.8	2.37	10.5	2.99	12.3	3.71	13.2	4.12	14.1	4.53	14.8	4.84	15.1	4.84
42	8.8	2.47	10.5	3.19	12.3	3.92	13.2	4.33	14.1	4.74	14.5	4.95	14.8	5.05	
44	8.8	2.58	10.5	3.30	12.3	4.12	13.2	4.64	14.1	5.05	14.2	5.15	14.5	5.15	
46	8.8	2.78	10.5	3.50	12.3	4.43	13.2	4.84	14.1	5.36	14.0	5.26	14.2	5.36	
80%	10	8.4	1.24	10.1	1.55	11.7	1.85	12.5	1.96	13.3	2.06	14.9	2.37	16.5	2.68
	12	8.4	1.34	10.0	1.55	11.7	1.85	12.5	1.96	13.3	2.16	14.9	2.47	16.5	2.78
	14	8.4	1.34	10.0	1.55	11.7	1.85	12.5	2.06	13.3	2.16	14.9	2.47	16.5	2.78
	16	8.4	1.34	10.0	1.65	11.6	1.96	12.4	2.06	13.3	2.16	14.9	2.58	16.5	2.89
	18	8.4	1.34	10.0	1.65	11.6	1.96	12.4	2.06	13.2	2.27	14.9	2.58	16.5	2.89
	20	8.4	1.44	10.0	1.65	11.6	1.96	12.4	2.16	13.2	2.27	14.8	2.68	16.5	3.09
	21	8.3	1.44	10.0	1.75	11.6	1.96	12.4	2.16	13.2	2.37	14.8	2.78	16.4	3.19
	23	8.3	1.44	10.0	1.75	11.6	2.06	12.4	2.27	13.2	2.47	14.8	2.99	16.4	3.40
	25	8.3	1.44	10.0	1.85	11.6	2.27	12.4	2.47	13.2	2.68	14.8	3.19	16.4	3.71
	27	8.3	1.55	10.0	1.96	11.6	2.37	12.4	2.68	13.2	2.89	14.8	3.40	16.4	3.92
	29	8.3	1.65	10.0	2.06	11.6	2.58	12.4	2.78	13.2	3.09	14.8	3.61	16.4	4.22
	31	8.3	1.75	9.9	2.27	11.5	2.68	12.3	2.99	13.2	3.30	14.8	3.81	16.4	4.53
	33	8.3	1.85	9.9	2.37	11.5	2.89	12.3	3.19	13.1	3.50	14.7	4.12	16.3	4.84
	35	8.3	1.96	9.9	2.47	11.5	3.09	12.3	3.40	13.1	3.71	14.7	4.43	16.1	4.95
	37	8.0	2.06	9.6	2.58	11.2	3.09	11.9	3.40	12.7	3.71	14.3	4.43	15.3	4.95
	39	7.9	2.06	9.4	2.58	10.9	3.09	11.7	3.40	12.4	3.81	14.0	4.53	14.8	4.84
42	7.9	2.16	9.4	2.68	10.9	3.30	11.7	3.61	12.4	4.02	14.0	4.74	14.6	4.95	
44	7.9	2.27	9.4	2.78	10.9	3.50	11.7	3.81	12.4	4.22	14.0	5.05	14.4	5.15	
46	7.9	2.37	9.4	2.99	10.9	3.71	11.7	4.02	12.4	4.43	14.0	5.36	14.2	5.26	

2. Outdoor Units

2-8. Capacity table (A2A)

AE160MXTP*H/EU

Cooling

Combination % (Capacity index)	Outdoor temperature (°C, DB)	Indoor temperature (WB, °C)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70%	10	7.4	1.13	8.8	1.34	10.2	1.55	11.0	1.65	11.7	1.75	13.1	2.06	14.5	2.27
	12	7.4	1.13	8.8	1.34	10.1	1.55	11.0	1.75	11.7	1.85	13.1	2.06	14.5	2.37
	14	7.4	1.13	8.7	1.34	10.1	1.65	10.9	1.75	11.7	1.85	13.1	2.16	14.5	2.37
	16	7.4	1.13	8.7	1.44	10.1	1.65	10.9	1.75	11.6	1.85	13.1	2.16	14.5	2.47
	18	7.4	1.24	8.7	1.44	10.1	1.65	10.9	1.85	11.6	1.96	13.0	2.16	14.5	2.47
	20	7.4	1.24	8.7	1.44	10.1	1.75	10.9	1.85	11.6	1.96	13.0	2.27	14.4	2.58
	21	7.4	1.24	8.7	1.44	10.1	1.75	10.9	1.85	11.6	1.96	13.0	2.27	14.4	2.68
	23	7.4	1.24	8.7	1.55	10.1	1.75	10.9	1.96	11.6	2.06	13.0	2.47	14.4	2.89
	25	7.4	1.24	8.7	1.55	10.1	1.85	10.9	2.06	11.6	2.27	13.0	2.58	14.4	2.99
	27	7.4	1.34	8.7	1.65	10.1	2.06	10.9	2.16	11.6	2.37	13.0	2.78	14.4	3.19
	29	7.4	1.44	8.7	1.75	10.1	2.16	10.9	2.37	11.6	2.58	13.0	2.99	14.4	3.50
	31	7.3	1.55	8.7	1.85	10.0	2.27	10.8	2.47	11.5	2.68	13.0	3.19	14.4	3.71
	33	7.3	1.65	8.7	1.96	10.0	2.37	10.8	2.68	11.5	2.89	12.9	3.40	14.3	3.92
	35	7.3	1.75	8.6	2.06	10.0	2.58	10.8	2.78	11.5	3.09	12.9	3.61	14.3	4.22
	37	7.1	1.75	8.4	2.16	9.7	2.58	10.5	2.89	11.2	3.09	12.5	3.61	13.9	4.22
	39	7.0	1.75	8.2	2.16	9.5	2.58	10.3	2.89	10.9	3.09	12.3	3.71	13.6	4.33
	42	7.0	1.85	8.2	2.27	9.5	2.78	10.3	2.99	10.9	3.30	12.3	3.92	13.6	4.53
	44	7.0	1.85	8.2	2.37	9.5	2.89	10.3	3.19	10.9	3.50	12.3	4.12	13.6	4.84
46	7.0	1.96	8.2	2.47	9.5	3.09	10.3	3.40	10.9	3.71	12.3	4.33	13.6	5.05	
60%	10	6.4	1.03	7.6	1.13	8.7	1.34	9.3	1.44	9.9	1.55	11.2	1.75	12.4	1.96
	12	6.4	1.03	7.6	1.13	8.7	1.34	9.3	1.44	9.9	1.55	11.2	1.75	12.4	1.96
	14	6.4	1.03	7.6	1.24	8.7	1.34	9.3	1.44	9.9	1.55	11.1	1.75	12.4	2.06
	16	6.4	1.03	7.6	1.24	8.7	1.44	9.3	1.55	9.9	1.65	11.1	1.85	12.3	2.06
	18	6.3	1.03	7.6	1.24	8.7	1.44	9.3	1.55	9.9	1.65	11.1	1.85	12.3	2.06
	20	6.3	1.03	7.6	1.24	8.7	1.44	9.3	1.55	9.9	1.65	11.1	1.85	12.3	2.16
	21	6.3	1.03	7.6	1.24	8.7	1.44	9.3	1.55	9.9	1.65	11.1	1.96	12.3	2.16
	23	6.3	1.13	7.5	1.24	8.7	1.44	9.3	1.65	9.9	1.75	11.1	1.96	12.3	2.27
	25	6.3	1.13	7.5	1.34	8.7	1.55	9.3	1.65	9.9	1.85	11.1	2.16	12.3	2.47
	27	6.3	1.13	7.5	1.34	8.7	1.65	9.3	1.75	9.9	1.96	11.1	2.27	12.3	2.58
	29	6.3	1.24	7.5	1.44	8.6	1.75	9.2	1.96	9.8	2.06	11.1	2.37	12.3	2.78
	31	6.3	1.24	7.5	1.55	8.6	1.85	9.2	2.06	9.8	2.16	11.0	2.58	12.2	2.99
	33	6.3	1.34	7.5	1.65	8.6	1.96	9.2	2.16	9.8	2.37	11.0	2.68	12.2	3.19
	35	6.3	1.44	7.5	1.75	8.6	2.06	9.2	2.27	9.8	2.47	11.0	2.89	12.2	3.40
	37	6.1	1.44	7.3	1.75	8.3	2.16	8.9	2.27	9.5	2.47	10.7	2.89	11.8	3.40
	39	6.0	1.44	7.1	1.75	8.2	2.16	8.7	2.37	9.3	2.58	10.4	2.99	11.6	3.40
	42	6.0	1.55	7.1	1.85	8.2	2.27	8.7	2.47	9.3	2.68	10.4	3.09	11.6	3.61
	44	6.0	1.65	7.1	1.96	8.2	2.37	8.7	2.58	9.3	2.78	10.4	3.30	11.6	3.81
46	6.0	1.65	7.1	2.06	8.2	2.47	8.7	2.68	9.3	2.99	10.4	3.50	11.6	4.02	
50%	10	5.3	0.82	6.3	0.93	7.4	1.13	7.8	1.24	8.3	1.24	9.3	1.44	10.4	1.55
	12	5.3	0.82	6.3	1.03	7.4	1.13	7.8	1.24	8.3	1.34	9.3	1.44	10.3	1.65
	14	5.3	0.82	6.3	1.03	7.3	1.13	7.8	1.24	8.3	1.34	9.3	1.44	10.3	1.65
	16	5.3	0.93	6.3	1.03	7.3	1.13	7.7	1.24	8.2	1.34	9.3	1.55	10.3	1.65
	18	5.3	0.93	6.3	1.03	7.3	1.24	7.7	1.24	8.2	1.34	9.3	1.55	10.3	1.75
	20	5.3	0.93	6.3	1.03	7.3	1.24	7.7	1.34	8.2	1.34	9.3	1.55	10.3	1.75
	21	5.3	0.93	6.3	1.03	7.3	1.24	7.7	1.34	8.2	1.44	9.2	1.55	10.3	1.75
	23	5.3	0.93	6.3	1.03	7.3	1.24	7.7	1.34	8.2	1.44	9.2	1.65	10.3	1.75
	25	5.3	0.93	6.3	1.13	7.3	1.24	7.7	1.34	8.2	1.44	9.2	1.65	10.3	1.96
	27	5.3	0.93	6.3	1.13	7.3	1.34	7.7	1.44	8.2	1.55	9.2	1.75	10.3	2.06
	29	5.3	1.03	6.3	1.24	7.3	1.44	7.7	1.55	8.2	1.65	9.2	1.85	10.3	2.16
	31	5.3	1.03	6.3	1.24	7.3	1.55	7.7	1.65	8.2	1.75	9.2	2.06	10.2	2.27
	33	5.2	1.13	6.3	1.34	7.3	1.55	7.7	1.75	8.2	1.85	9.2	2.16	10.2	2.47
	35	5.2	1.13	6.2	1.44	7.3	1.65	7.7	1.85	8.2	1.96	9.2	2.27	10.2	2.58
	37	5.1	1.24	6.1	1.44	7.0	1.65	7.5	1.85	7.9	1.96	8.9	2.27	9.9	2.68
	39	5.0	1.24	5.9	1.44	6.9	1.75	7.4	1.85	7.7	1.96	8.7	2.27	9.7	2.68
	42	5.0	1.24	5.9	1.55	6.9	1.75	7.4	1.96	7.7	2.06	8.7	2.47	9.7	2.78
	44	5.0	1.34	5.9	1.55	6.9	1.85	7.4	2.06	7.7	2.16	8.7	2.58	9.7	2.99
46	5.0	1.34	5.9	1.65	6.9	1.96	7.4	2.16	7.7	2.27	8.7	2.68	9.7	3.09	