

2. Capacity Tables

2-2. AE040/060/090RXED*G/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)
AE040RXEDEG	-20	3.76	1.21	3.65	1.30	3.48	1.46	3.34	1.56	3.21	1.72				
	-15	4.32	1.29	4.20	1.39	4.00	1.56	3.89	1.66	3.77	1.76	3.66	1.84		
	-10	4.97	1.34	4.83	1.44	4.60	1.62	4.46	1.73	4.32	1.84	4.19	1.93	3.89	2.12
	-7	5.18	1.34	5.03	1.44	4.79	1.61	4.69	1.82	4.59	2.03	4.40	2.06	4.22	2.09
	-2	5.40	1.25	5.25	1.34	5.00	1.51	4.81	1.65	4.62	1.80	4.39	2.03	4.16	2.26
	2	5.27	1.06	5.13	1.14	4.88	1.28	4.61	1.35	4.34	1.43	4.12	1.60	3.91	1.78
	7	4.75	0.70	4.62	0.75	4.40	0.85	4.30	0.97	4.20	1.09	4.05	1.21	3.90	1.32
	10	5.19	0.71	5.05	0.76	4.81	0.85	4.71	0.97	4.61	1.10	4.38	1.23	4.15	1.37
	15	5.92	0.72	5.76	0.77	5.48	0.87	5.39	0.97	5.30	1.11	5.03	1.25	4.77	1.38
	20	6.65	0.73	6.47	0.78	6.16	0.88	6.07	0.99	5.98	1.12	5.68	1.26	5.39	1.40
AE060RXEDEG	-20	4.69	1.63	4.56	1.75	4.35	1.97	4.18	2.10	4.01	2.32				
	-15	5.40	1.74	5.25	1.87	5.00	2.10	4.86	2.23	4.72	2.36	4.58	2.48		
	-10	5.89	1.82	5.72	1.95	5.45	2.19	5.29	2.34	5.12	2.48	4.97	2.60	4.61	2.85
	-7	6.19	1.73	6.02	1.85	5.73	2.08	5.61	2.35	5.49	2.62	5.27	2.65	5.05	2.69
	-2	6.57	1.64	6.38	1.76	6.08	1.98	5.85	2.17	5.62	2.37	5.34	2.66	5.06	2.96
	2	6.53	1.43	6.35	1.53	6.05	1.72	5.71	1.82	5.37	1.92	5.11	2.16	4.84	2.40
	7	6.48	1.01	6.30	1.09	6.00	1.22	5.70	1.37	5.40	1.51	5.10	1.66	4.80	1.81
	10	7.08	1.02	6.88	1.10	6.55	1.23	6.30	1.38	6.04	1.53	5.74	1.73	5.43	1.92
	15	8.08	1.04	7.85	1.11	7.48	1.25	7.29	1.39	7.10	1.57	6.74	1.77	6.39	1.97
	20	9.07	1.05	8.82	1.13	8.40	1.27	8.28	1.42	8.16	1.61	7.75	1.81	7.34	2.01
AE090RXED*G	-20	6.90	2.28	6.71	2.44	6.39	2.74	6.14	2.93	5.90	3.23				
	-15	7.94	2.43	7.72	2.61	7.35	2.93	7.14	3.11	6.94	3.30	6.73	3.46		
	-10	10.08	2.75	9.80	2.95	9.33	3.31	9.05	3.39	8.77	3.46	8.51	3.63	7.89	3.98
	-7	8.89	2.51	8.64	2.69	8.23	3.02	8.05	3.41	7.88	3.80	7.56	3.85	7.25	3.90
	-2	9.57	2.43	9.31	2.61	8.86	2.93	8.53	3.22	8.19	3.50	7.78	3.94	7.37	4.38
	2	9.67	2.18	9.40	2.34	8.95	2.63	8.46	2.78	7.96	2.93	7.56	3.30	7.16	3.66
	7	9.72	1.55	9.45	1.66	9.00	1.87	8.80	2.10	8.60	2.33	8.30	2.53	8.00	2.73
	10	10.62	1.57	10.32	1.68	9.83	1.89	9.64	2.12	9.44	2.36	8.97	2.66	8.50	2.95
	15	12.11	1.59	11.78	1.70	11.22	1.91	11.03	2.13	10.84	2.42	10.30	2.72	9.76	3.02
	20	13.61	1.61	13.23	1.73	12.60	1.94	12.42	2.18	12.24	2.47	11.63	2.78	11.02	3.09

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. Capacity Tables

2-2. AE040/060/090RXED*G/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)
AE040RXEDEG	-20	3.76	1.21	3.65	1.30	3.48	1.46	3.34	1.56	3.21	1.72				
	-15	4.28	1.28	4.16	1.37	3.96	1.54	3.85	1.64	3.74	1.74	3.62	1.82		
	-10	4.87	1.32	4.73	1.41	4.51	1.59	4.37	1.70	4.24	1.81	4.11	1.90	3.81	2.08
	-7	4.97	1.29	4.83	1.38	4.60	1.55	4.50	1.75	4.40	1.95	4.23	1.98	4.05	2.00
	-2	4.75	1.10	4.62	1.18	4.40	1.33	4.23	1.46	4.07	1.59	3.87	1.79	3.66	1.98
	2	4.54	0.91	4.41	0.98	4.20	1.10	3.97	1.16	3.73	1.23	3.55	1.38	3.36	1.53
	7	4.75	0.70	4.42	0.75	4.40	0.85	4.30	0.97	4.20	1.09	4.05	1.21	3.90	1.32
	10	5.19	0.71	5.05	0.76	4.81	0.85	4.71	0.97	4.61	1.10	4.38	1.23	4.15	1.37
	15	5.92	0.72	5.76	0.77	5.48	0.87	5.39	0.97	5.30	1.11	5.03	1.25	4.77	1.38
	20	6.65	0.73	6.47	0.78	6.16	0.88	6.07	0.99	5.98	1.12	5.68	1.26	5.39	1.40
AE060RXEDEG	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)
	-20	4.69	1.63	4.56	1.75	4.35	1.97	4.18	2.10	4.01	2.32				
	-15	5.35	1.73	5.20	1.85	4.95	2.08	4.81	2.21	4.67	2.34	4.53	2.46		
	-10	5.77	1.78	5.61	1.91	5.34	2.15	5.18	2.29	5.02	2.43	4.87	2.55	4.52	2.80
	-7	5.94	1.66	5.78	1.78	5.50	2.00	5.38	2.26	5.27	2.51	5.05	2.55	4.84	2.58
	-2	5.78	1.44	5.62	1.55	5.35	1.74	5.15	1.91	4.94	2.08	4.70	2.34	4.45	2.60
	2	5.62	1.23	5.46	1.32	5.20	1.48	4.91	1.57	4.62	1.65	4.39	1.86	4.16	2.06
	7	6.48	1.01	6.30	1.09	6.00	1.22	5.70	1.37	5.40	1.51	5.10	1.66	4.80	1.81
	10	7.08	1.02	6.88	1.10	6.55	1.23	6.30	1.38	6.04	1.53	5.74	1.73	5.43	1.92
15	8.08	1.04	7.85	1.11	7.48	1.25	7.29	1.39	7.10	1.57	6.74	1.77	6.39	1.97	
20	9.07	1.05	8.82	1.13	8.40	1.27	8.28	1.42	8.16	1.61	7.75	1.81	7.34	2.01	
AE090RXED*G	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)
	-20	6.90	2.28	6.71	2.44	6.39	2.74	6.14	2.93	5.90	3.23				
	-15	7.86	2.41	7.64	2.58	7.28	2.90	7.07	3.08	6.87	3.26	6.66	3.43		
	-10	9.87	2.69	9.60	2.89	9.14	3.24	8.87	3.32	8.59	3.39	8.34	3.56	7.74	3.90
	-7	8.53	2.41	8.30	2.58	7.90	2.90	7.73	3.27	7.56	3.65	7.26	3.70	6.96	3.75
	-2	8.42	2.14	8.19	2.30	7.80	2.58	7.50	2.83	7.20	3.08	6.84	3.47	6.48	3.85
	2	8.32	1.88	8.09	2.01	7.70	2.26	7.27	2.39	6.84	2.52	6.50	2.84	6.16	3.15
	7	9.72	1.55	9.45	1.66	9.00	1.87	8.80	2.10	8.60	2.33	8.30	2.53	8.00	2.73
	10	10.62	1.57	10.32	1.68	9.83	1.89	9.64	2.12	9.44	2.36	8.97	2.66	8.50	2.95
15	12.11	1.59	11.78	1.70	11.22	1.91	11.03	2.13	10.84	2.42	10.30	2.72	9.76	3.02	
20	13.61	1.61	13.23	1.73	12.60	1.94	12.42	2.18	12.24	2.47	11.63	2.78	11.02	3.09	

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. Capacity Tables

2-2. AE040/060/090RXED*G/EU

3) Maximum 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)
AE040RXEDEG	10	3.99	0.83	4.37	0.82	4.76	0.82	5.15	0.82	5.54	0.81	6.09	0.83
	20	3.83	0.94	4.21	0.93	4.58	0.93	4.95	0.93	5.33	0.92	5.86	0.94
	30	3.68	1.05	4.04	1.04	4.39	1.04	4.75	1.03	5.11	1.03	5.62	1.05
	35	3.60	1.11	3.95	1.11	4.30	1.10	4.65	1.10	5.00	1.09	5.50	1.11
	46	3.43	1.23	3.76	1.22	4.10	1.22	4.43	1.21	4.77	1.20	5.24	1.23
AE060RXEDEG	10	5.20	1.07	5.70	1.08	6.20	1.08	6.70	1.09	7.20	1.10	7.92	1.12
	20	5.01	1.22	5.48	1.22	5.96	1.23	6.44	1.24	6.92	1.24	7.61	1.27
	30	4.80	1.36	5.26	1.37	5.72	1.37	6.18	1.38	6.64	1.39	7.31	1.42
	35	4.70	1.44	5.15	1.45	5.60	1.46	6.05	1.46	6.50	1.47	7.15	1.50
	46	4.48	1.59	4.91	1.60	5.34	1.61	5.77	1.62	6.19	1.62	6.81	1.66
AE090RXED*G	10	7.20	1.45	7.80	1.48	8.41	1.51	9.02	1.54	9.63	1.57	10.59	1.60
	20	6.92	1.65	7.51	1.68	8.09	1.72	8.68	1.75	9.27	1.78	10.19	1.82
	30	6.64	1.84	7.21	1.88	7.77	1.92	8.33	1.96	8.89	1.99	9.78	2.03
	35	6.50	1.95	7.05	1.99	7.60	2.03	8.15	2.07	8.70	2.11	9.57	2.15
	46	6.19	2.15	6.72	2.20	7.24	2.24	7.77	2.29	8.29	2.33	9.12	2.38

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.