

2. Outdoor Units

2-9. Capacity table

2) Maximum Heating Capacity (Integrated Value)

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

Model	LWT (°C)	25		30		35		40		45		50		55		60		65		70		
	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)	HC(kW)	PI(kW)	HC(kW)	PI(kW)	HC(kW)	PI(kW)	
AE080BXYDEG/EU	-30	5.82	2.53	5.89	2.80	5.96	3.14	6.22	3.48	6.48	3.88	6.74	4.19	6.92	4.43	6.94	4.69	0.00				
	-25	8.00	3.47	8.00	3.63	8.00	3.79	8.00	4.03	8.00	4.28	8.00	4.49	8.00	4.85	8.40	5.17	7.95	5.28			
	-20	8.00	3.05	8.00	3.20	8.00	3.39	8.00	3.59	8.00	3.84	8.00	4.09	8.00	4.31	9.11	5.13	8.75	5.26			
	-15	8.00	2.61	8.00	2.86	8.00	3.14	8.00	3.36	8.00	3.61	8.00	3.84	8.00	4.01	9.35	4.87	9.54	5.24	8.00	4.85	
	-10	7.95	2.34	7.95	2.50	8.00	2.72	8.00	2.88	8.00	3.06	8.00	3.33	8.00	3.56	9.56	4.44	9.95	4.93	9.57	4.94	
	-7	7.96	2.18	7.96	2.33	7.96	2.54	7.96	2.77	7.96	2.95	7.96	3.18	8.00	3.26	9.98	4.29	9.98	4.60	9.68	4.65	
	-2	7.97	2.07	7.97	2.22	7.97	2.41	7.97	2.63	7.97	2.79	7.97	2.94	7.98	3.06	9.90	4.20	9.79	4.48	9.64	4.55	
	2	7.98	1.59	7.98	1.77	7.98	2.01	7.98	2.22	7.98	2.49	7.98	2.64	7.98	2.76	9.41	3.60	9.49	4.10	9.35	4.23	
	7	8.00	1.29	8.00	1.43	8.00	1.60	8.00	1.80	8.00	2.05	8.00	2.23	8.00	2.50	9.11	3.16	9.66	3.79	10.03	4.37	
	12	8.92	1.18	8.95	1.35	8.98	1.57	9.02	1.80	9.05	2.11	9.08	2.38	9.11	2.71	9.57	3.11	10.08	3.72	10.43	4.26	
	15	9.10	1.09	9.14	1.26	9.20	1.49	9.26	1.71	9.30	2.01	9.36	2.29	9.42	2.62	9.85	3.01	10.33	3.59	10.67	4.10	
	20	9.39	0.99	9.48	1.14	9.57	1.34	9.66	1.50	9.74	1.77	9.83	2.08	9.91	2.46	10.31	2.82	10.76	3.38	11.08	4.04	
	25	9.69	0.93	9.82	1.07	9.93	1.24	10.06	1.42	10.17	1.66	10.30	1.96	10.41	2.32	10.78	2.67	11.18	3.20	11.48	3.99	
	30	9.99	0.93	10.15	1.06	10.30	1.23	10.45	1.37	10.60	1.55	10.76	1.83	10.91	2.17	11.24	2.49	11.59	3.01	11.88	3.79	
	35	10.29	0.92	10.48	1.03	10.66	1.17	10.75	1.29	10.99	1.46	11.22	1.73	11.41	2.04	11.70	2.35	12.02	2.85	12.28	3.62	
43	10.77	0.92	11.01	1.01	11.25	1.11	11.49	1.24	11.73	1.41	11.97	1.65	12.21	1.93	12.45	2.23	12.69	2.72	12.92	3.33		
AE120BXYDEG/EU	-30	7.76	3.45	7.85	3.83	7.95	4.30	8.29	4.78	8.64	5.30	8.99	5.74	9.23	6.07	9.26	6.41	0.00				
	-25	11.23	5.00	11.62	5.43	12.00	5.83	12.00	6.20	12.00	6.58	11.56	6.65	11.00	6.67	10.54	6.67	9.77	6.67			
	-20	11.88	4.62	11.95	4.90	12.00	5.23	12.00	5.55	12.00	5.90	12.00	6.29	12.00	6.61	11.47	6.67	10.76	6.66			
	-15	12.00	4.23	12.00	4.53	12.00	4.83	12.00	5.23	12.00	5.63	12.00	5.93	12.00	6.28	12.00	6.57	11.53	6.66	11.00	6.67	
	-10	11.43	3.96	11.96	4.43	11.94	4.77	11.94	5.14	11.94	5.57	11.94	5.90	11.94	6.15	11.72	6.33	10.94	6.26	10.71	6.42	
	-7	11.93	3.85	11.85	4.10	11.95	4.47	11.95	4.86	11.95	5.32	11.95	5.75	11.95	6.07	11.65	6.13	11.18	6.16	11.06	6.40	
	-2	11.26	3.45	11.53	3.79	11.97	4.23	11.97	4.62	11.97	5.10	11.97	5.26	11.97	5.37	12.62	6.10	11.54	6.17	11.45	6.40	
	2	10.63	2.50	10.81	2.83	11.96	3.53	11.96	3.90	11.96	4.36	11.96	4.62	11.96	4.84	12.55	5.47	12.37	5.99	11.92	6.02	
	7	12.00	1.90	12.00	2.10	12.00	2.35	12.00	2.64	12.00	3.00	12.00	3.26	12.00	3.53	13.66	4.46	14.49	5.35	15.05	6.17	
	12	13.38	1.73	13.42	1.98	13.47	2.30	13.52	2.64	13.57	3.08	13.62	3.48	13.67	3.83	14.35	4.40	15.12	5.25	15.65	6.01	
	15	13.64	1.61	13.72	1.85	13.80	2.18	13.88	2.51	13.96	2.94	14.04	3.35	14.12	3.70	14.78	4.25	15.50	5.07	16.01	5.78	
	20	14.09	1.45	14.22	1.67	14.35	1.96	14.48	2.21	14.61	2.59	14.74	3.04	14.87	3.47	15.47	3.98	16.14	4.77	16.62	5.71	
	25	14.54	1.37	14.72	1.56	14.90	1.82	15.08	2.08	15.26	2.43	15.44	2.87	15.62	3.28	16.17	3.76	16.76	4.52	17.22	5.63	
	30	14.99	1.36	15.22	1.55	15.44	1.80	15.67	2.01	15.90	2.27	16.14	2.68	16.37	3.06	16.86	3.52	17.39	4.24	17.82	5.35	
	35	15.43	1.35	15.72	1.51	16.00	1.71	16.27	1.91	16.53	2.14	16.84	2.53	17.11	2.89	17.56	3.32	18.03	4.02	18.42	5.11	
43	16.15	1.35	16.51	1.48	16.87	1.63	17.23	1.83	17.59	2.06	17.95	2.41	18.31	2.72	18.67	3.14	19.03	3.83	19.38	4.70		
AE140BXYDEG/EU	-30	8.46	3.82	8.57	4.24	8.67	4.75	9.05	5.27	9.42	5.87	9.80	6.35	10.07	6.71	9.62	6.75					
	-25	12.25	5.53	12.68	5.99	13.11	6.48	12.96	6.79	12.18	6.78	11.60	6.78	11.20	6.79	10.57	6.78	9.78	6.77			
	-20	12.96	5.13	13.42	5.59	13.87	6.11	13.94	6.52	13.60	6.78	12.74	6.79	12.12	6.79	11.54	6.78	10.88	6.79			
	-15	13.86	4.91	13.78	5.23	13.70	5.59	13.85	6.10	14.00	6.67	13.45	6.78	12.95	6.79	12.49	6.78	11.64	6.77	11.20	6.79	
	-10	12.00	4.20	12.56	4.70	13.11	5.29	13.45	5.85	13.79	6.51	12.95	6.47	12.42	6.47	12.32	6.59	11.12	6.43	11.01	6.62	
	-7	12.53	4.08	12.87	4.50	13.20	4.98	13.55	5.56	13.89	6.25	13.21	6.41	12.45	6.39	12.23	6.47	11.74	6.54	11.60	6.62	
	-2	11.82	3.67	12.11	4.02	12.40	4.42	12.74	4.96	13.07	5.62	13.61	6.03	13.98	6.48	13.25	6.47	12.12	6.51	11.85	6.49	
	2	11.52	2.73	11.71	3.09	11.90	3.55	12.42	4.09	12.94	4.76	13.27	5.18	13.50	5.51	13.59	5.99	13.40	6.56	12.91	6.79	
	7	14.00	2.24	14.00	2.48	14.00	2.77	14.00	3.11	14.00	3.54	14.00	3.85	14.00	4.18	14.80	4.90	15.70	5.88	16.30	6.78	
	12	14.49	1.89	14.54	2.17	14.59	2.52	14.65	2.89	14.70	3.38	14.76	3.82	14.81	4.21	15.55	4.83	16.38	5.77	16.95	6.61	
	15	14.78	1.76	14.86	2.03	14.95	2.39	15.04	2.75	15.12	3.23	15.21	3.67	15.30	4.07	16.01	4.67	16.79	5.58	17.34	6.36	
	20	15.26	1.59	15.40	1.83	15.55	2.15	15.69	2.42	15.83	2.84	15.97	3.34	16.11	3.81	16.76	4.38	17.48	5.24	18.00	6.27	
	25	15.75	1.50	15.95	1.71	16.14	1.99	16.34	2.29	16.53	2.67	16.73	3.15	16.92	3.61	17.52	4.14	18.16	4.97	18.65	6.19	
	30	16.24	1.49	16.49	1.70	16.73	1.98	16.98	2.21	17.23	2.49	17.48	2.94	17.73	3.37	18.27	3.87	18.84	4.66	19.30	5.88	
	35	16.72	1.48	17.03	1.66	17.33	1.88	17.63	2.09	17.91	2.35	18.24	2.77	18.54	3.17	19.02	3.65	19.53	4.42	19.96	5.62	
43	17.50	1.48	17.89	1.62	18.28	1.79	18.67	2.00	19.06	2.26	19.45	2.64	19.84	3.00	20.23	3.46	20.62	4.21	21.00	5.16		

1. Heating capacity : Capacity is according to Eurovent rating standard OM-3-2015 and valid for heated water range $\Delta t = 3\sim 8^{\circ}\text{C}$ (However, if the LWT is over 60°C , $\Delta t = 10^{\circ}\text{C}$.)
 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

2-9. Capacity table

2) Maximum Heating Capacity (Integrated Value)

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

Model	LWT (°C)	25		30		35		40		45		50		55		60		65		70	
	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)	HC(kW)	PI(kW)	HC(kW)	PI(kW)	HC(kW)	PI(kW)
AE080BXYDGG/EU	-30	5.82	2.53	5.89	2.80	5.96	3.14	6.22	3.48	6.48	3.88	6.74	4.19	6.92	4.43	6.94	4.69				
	-25	8.00	3.47	8.00	3.63	8.00	3.79	8.00	4.03	8.00	4.28	8.00	4.49	8.00	4.85	8.40	5.17	8.80	5.85		
	-20	8.00	3.05	8.00	3.20	8.00	3.39	8.00	3.59	8.00	3.84	8.00	4.09	8.00	4.31	9.11	5.13	9.12	5.48		
	-15	8.00	2.61	8.00	2.86	8.00	3.14	8.00	3.36	8.00	3.61	8.00	3.84	8.00	4.01	9.35	4.87	9.54	5.24	8.00	4.85
	-10	7.95	2.34	7.95	2.50	8.00	2.72	8.00	2.88	8.00	3.06	8.00	3.33	8.00	3.56	9.56	4.44	9.95	4.93	9.57	4.94
	-7	7.96	2.18	7.96	2.33	7.96	2.54	7.96	2.77	7.96	3.03	7.96	3.15	8.00	3.26	9.98	4.29	9.98	4.60	9.68	4.65
	-2	7.97	2.07	7.97	2.22	7.97	2.41	7.97	2.63	7.97	2.82	7.97	2.95	7.98	3.06	9.90	4.20	9.79	4.49	9.64	4.86
	2	7.98	1.59	7.98	1.77	7.98	2.01	7.98	2.22	7.98	2.49	7.98	2.64	7.98	2.76	9.41	3.60	9.49	4.10	9.35	4.32
	7	8.00	1.29	8.00	1.43	8.00	1.60	8.00	1.80	8.00	2.05	8.00	2.23	8.00	2.50	9.11	3.16	9.66	3.79	10.03	4.37
	12	8.92	1.18	8.95	1.35	8.98	1.57	9.02	1.80	9.05	2.11	9.08	2.38	9.11	2.71	9.57	3.11	10.08	3.72	10.43	4.26
	15	9.10	1.09	9.14	1.26	9.20	1.49	9.26	1.71	9.30	2.01	9.36	2.29	9.42	2.62	9.85	3.01	10.33	3.59	10.67	4.10
	20	9.39	0.99	9.48	1.14	9.57	1.34	9.66	1.50	9.74	1.77	9.83	2.08	9.91	2.46	10.31	2.82	10.76	3.38	11.08	4.04
	25	9.69	0.93	9.82	1.07	9.93	1.24	10.06	1.42	10.17	1.66	10.30	1.96	10.41	2.32	10.78	2.67	11.18	3.20	11.48	3.99
	30	9.99	0.93	10.15	1.06	10.30	1.23	10.45	1.37	10.60	1.55	10.76	1.83	10.91	2.17	11.24	2.49	11.59	3.01	11.88	3.79
	35	10.29	0.92	10.48	1.03	10.66	1.17	10.75	1.29	10.82	1.44	11.22	1.73	11.41	2.04	11.70	2.35	12.02	2.85	12.28	3.62
43	10.77	0.92	11.01	1.01	11.25	1.11	11.49	1.24	11.73	1.41	11.97	1.65	12.21	1.93	12.45	2.23	12.69	2.72	12.92	3.33	
AE120BXYDGG/EU	-30	7.76	3.45	7.85	3.83	7.95	4.30	8.29	4.78	8.64	5.30	8.99	5.74	9.23	6.07	9.26	6.41				
	-25	11.23	5.00	11.62	5.43	12.00	5.83	12.00	6.20	12.00	6.58	12.00	6.90	12.00	7.27	12.00	7.59	12.00	8.19		
	-20	11.88	4.62	11.95	4.90	12.00	5.23	12.00	5.55	12.00	5.90	12.00	6.29	12.00	6.61	12.00	6.98	12.00	7.43		
	-15	12.00	4.23	12.00	4.53	12.00	4.83	12.00	5.23	12.00	5.63	12.00	5.93	12.00	6.28	12.00	6.65	12.00	7.00	12.00	7.28
	-10	11.43	3.96	11.96	4.43	11.94	4.77	11.94	5.14	11.94	5.57	11.94	5.90	11.94	6.15	12.75	6.88	13.27	7.59	12.76	7.65
	-7	11.93	3.85	11.85	4.10	11.95	4.47	11.95	4.86	11.95	5.32	11.95	5.75	11.95	6.07	13.30	7.00	13.30	7.33	12.67	7.29
	-2	11.26	3.45	11.53	3.79	11.97	4.23	11.97	4.62	11.97	5.10	11.97	5.26	11.97	5.37	13.20	6.38	13.05	6.97	12.86	7.18
	2	10.63	2.50	10.81	2.83	11.96	3.53	11.96	3.90	11.96	4.36	11.96	4.62	11.96	4.84	12.55	5.47	12.66	6.13	12.46	6.29
	7	12.00	1.90	12.00	2.10	12.00	2.35	12.00	2.64	12.00	3.00	12.00	3.26	12.00	3.53	13.66	4.46	14.49	5.35	15.05	6.17
	12	13.38	1.73	13.42	1.98	13.47	2.30	13.52	2.64	13.57	3.08	13.62	3.48	13.67	3.83	14.35	4.40	15.12	5.25	15.65	6.01
	15	13.64	1.61	13.72	1.85	13.80	2.18	13.88	2.51	13.96	2.94	14.04	3.35	14.12	3.70	14.78	4.25	15.50	5.07	16.01	5.78
	20	14.09	1.45	14.22	1.67	14.35	1.96	14.48	2.21	14.61	2.59	14.74	3.04	14.87	3.47	15.47	3.98	16.14	4.77	16.62	5.71
	25	14.54	1.37	14.72	1.56	14.90	1.82	15.08	2.08	15.26	2.43	15.44	2.87	15.62	3.28	16.17	3.76	16.76	4.52	17.22	5.63
	30	14.99	1.36	15.22	1.55	15.44	1.80	15.67	2.01	15.90	2.27	16.14	2.68	16.37	3.06	16.86	3.52	17.39	4.24	17.82	5.35
	35	15.43	1.35	15.72	1.51	16.00	1.71	16.27	1.91	16.53	2.14	16.84	2.53	17.11	2.89	17.56	3.32	18.03	4.02	18.42	5.11
43	16.15	1.35	16.51	1.48	16.87	1.63	17.23	1.83	17.59	2.06	17.95	2.41	18.31	2.72	18.67	3.14	19.03	3.83	19.38	4.70	
AE140BXYDGG/EU	-30	8.46	3.82	8.57	4.24	8.67	4.75	9.05	5.27	9.42	5.87	9.80	6.35	10.07	6.71	10.10	7.09				
	-25	12.25	5.53	12.68	5.99	13.11	6.48	13.26	6.94	13.41	7.47	13.76	8.05	14.00	8.48	13.68	8.78	13.29	9.20		
	-20	12.96	5.13	13.42	5.59	13.87	6.11	13.94	6.52	14.00	6.98	14.00	7.46	14.00	7.84	14.00	8.23	14.00	8.77		
	-15	13.86	4.91	13.78	5.23	13.70	5.59	13.85	6.10	14.00	6.67	14.00	7.08	14.00	7.35	14.00	7.71	14.00	8.17	14.00	8.49
	-10	12.00	4.20	12.56	4.70	13.11	5.29	13.45	5.85	13.79	6.51	13.89	6.94	13.96	7.27	13.96	7.61	13.97	8.08	13.40	8.09
	-7	12.53	4.08	12.87	4.50	13.20	4.98	13.55	5.56	13.89	6.25	13.94	6.76	13.97	7.17	13.97	7.43	13.97	7.78	13.30	7.59
	-2	11.82	3.67	12.11	4.02	12.40	4.42	12.74	4.96	13.07	5.62	13.61	6.03	13.98	6.34	13.86	6.77	13.70	7.27	13.50	7.37
	2	11.52	2.73	11.71	3.09	11.90	3.55	12.42	4.09	12.94	4.76	13.27	5.18	13.50	5.51	13.59	5.99	13.71	6.71	13.50	7.10
	7	14.00	2.24	14.00	2.48	14.00	2.77	14.00	3.11	14.00	3.54	14.00	3.85	14.00	4.18	14.80	4.90	15.70	5.88	16.30	6.78
	12	14.49	1.89	14.54	2.17	14.59	2.52	14.65	2.89	14.70	3.38	14.76	3.82	14.81	4.21	15.55	4.83	16.38	5.77	16.95	6.61
	15	14.78	1.76	14.86	2.03	14.95	2.39	15.04	2.75	15.12	3.23	15.21	3.67	15.30	4.07	16.01	4.67	16.79	5.58	17.34	6.36
	20	15.26	1.59	15.40	1.83	15.55	2.15	15.69	2.42	15.83	2.84	15.97	3.34	16.11	3.81	16.76	4.38	17.48	5.24	18.00	6.27
	25	15.75	1.50	15.95	1.71	16.14	1.99	16.34	2.29	16.53	2.67	16.73	3.15	16.92	3.61	17.52	4.14	18.16	4.97	18.65	6.19
	30	16.24	1.49	16.49	1.70	16.73	1.98	16.98	2.21	17.23	2.49	17.48	2.94	17.73	3.37	18.27	3.87	18.84	4.66	19.30	5.88
	35	16.72	1.48	17.03	1.66	17.33	1.88	17.63	2.09	17.91	2.35	18.24	2.77	18.54	3.17	19.02	3.65	19.53	4.42	19.96	5.62
43	17.50	1.48	17.89	1.62	18.28	1.79	18.67	2.00	19.06	2.26	19.45	2.64	19.84	3.00	20.23	3.46	20.62	4.21	21.00	5.16	

1. Heating capacity : Capacity is according to Eurovent rating standard OM-3-2015 and valid for heated water range $\Delta t = 3\sim 8^{\circ}\text{C}$ (However, if the LWT is over 60°C , $\Delta t = 10^{\circ}\text{C}$.)
 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.