

## 2. Capacity Tables

### 2-1. AE050/090/120/140/160JXYDEH/EU (1 Phase)

#### 1) Maximum Heating Capacity (Peak Value)

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

	LWE(°C)	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)
AE050JXYDEH/EU	-20	3.57	1.47	3.40	1.65	3.38	1.75	3.36	2.06				
	-10	5.25	1.78	5.00	2.00	4.85	2.10	4.70	2.21	4.56	2.32	4.23	2.54
	-7	4.94	1.69	4.70	1.90	4.56	2.00	4.42	2.09	4.20	2.36	3.98	2.62
	-2	4.57	1.20	4.36	1.35	4.23	1.54	4.09	1.72	3.89	1.94	3.69	2.15
	2	4.62	1.04	4.40	1.17	4.27	1.33	4.14	1.49	3.93	1.67	3.72	1.86
	7	5.25	0.94	5.00	1.06	4.85	1.21	4.70	1.35	4.60	1.48	4.50	1.60
	10	5.73	0.95	5.46	1.07	5.32	1.22	5.18	1.36	4.93	1.53	4.67	1.70
	15	6.54	0.97	6.23	1.08	6.11	1.21	5.99	1.38	5.69	1.55	5.39	1.73
	20	7.35	0.98	7.00	1.10	6.90	1.24	6.80	1.40	6.46	1.58	6.12	1.75
AE090JXYDEH/EU	-20	6.30	2.67	6.00	3.00	5.85	3.20	5.70	3.53				
	-10	9.03	3.03	8.60	3.40	8.34	3.59	8.08	3.78	7.84	3.97	7.28	4.35
	-7	8.49	2.87	8.08	3.23	7.84	3.41	7.60	3.59	7.22	4.04	6.84	4.49
	-2	8.23	2.43	7.84	2.73	7.45	2.89	7.06	3.05	6.70	3.43	6.35	3.81
	2	8.32	2.10	7.92	2.35	7.52	2.49	7.13	2.63	6.77	2.96	6.42	3.29
	7	9.45	1.90	9.00	2.14	8.55	2.27	8.10	2.39	8.05	2.68	8.00	2.96
	10	10.38	1.90	9.89	2.14	9.47	2.29	9.06	2.44	8.61	2.75	8.15	3.05
	15	11.93	1.90	11.36	2.13	11.01	2.30	10.66	2.53	10.13	2.85	9.59	3.16
	20	13.48	1.89	12.84	2.12	12.55	2.35	12.26	2.62	11.65	2.95	11.03	3.27
AE120JXYDEH/EU	-20	9.82	4.09	9.35	4.60	8.93	4.90	8.50	5.29				
	-10	12.39	4.09	11.80	4.60	11.45	5.14	11.09	5.67	10.76	5.95	9.98	6.52
	-7	11.65	3.89	11.09	4.37	10.76	4.88	10.43	5.39	9.91	6.06	9.38	6.73
	-2	10.98	3.02	10.45	3.39	10.19	3.90	9.93	4.40	9.44	4.95	8.94	5.50
	2	11.09	2.60	10.56	2.93	10.30	3.36	10.03	3.80	9.53	4.27	9.03	4.74
	7	12.60	2.37	12.00	2.66	11.70	3.06	11.40	3.45	10.95	3.68	10.50	3.90
	10	13.91	2.35	13.25	2.64	12.89	3.02	12.54	3.40	11.91	3.83	11.28	4.25
	15	16.09	2.31	15.32	2.60	14.88	2.92	14.43	3.33	13.71	3.74	12.98	4.16
	20	18.27	2.28	17.40	2.56	16.86	2.88	16.32	3.25	15.50	3.66	14.69	4.06
AE140JXYDEH/EU	-20	10.13	4.36	9.65	4.90	9.33	5.20	9.01	5.59				
	-10	13.44	4.63	12.80	5.20	12.42	5.59	12.03	5.99	11.67	6.28	10.83	6.88
	-7	12.63	4.40	12.03	4.94	11.67	5.31	11.31	5.69	10.74	6.40	10.18	7.11
	-2	12.81	3.57	12.20	4.01	11.76	4.52	11.33	5.04	10.76	5.67	10.19	6.30
	2	12.94	3.07	12.32	3.45	11.88	3.90	11.44	4.35	10.87	4.89	10.30	5.43
	7	14.70	2.79	14.00	3.14	13.50	3.55	13.00	3.95	12.63	4.20	12.25	4.45
	10	15.67	2.79	14.92	3.13	14.42	3.52	13.92	3.90	13.23	4.39	12.53	4.87
	15	17.28	2.77	16.46	3.12	15.96	3.41	15.46	3.81	14.69	4.29	13.92	4.77
	20	18.90	2.76	18.00	3.10	17.50	3.38	17.00	3.73	16.15	4.20	15.30	4.66
AE160JXYDEH/EU	-20	11.87	5.30	11.30	5.95	10.75	6.25	10.20	6.76				
	-10	15.12	5.43	14.40	6.10	13.97	6.67	13.54	7.25	13.13	7.61	12.18	8.33
	-7	14.21	5.16	13.54	5.80	13.13	6.34	12.72	6.88	12.09	7.74	11.45	8.60
	-2	14.64	4.32	13.94	4.85	13.37	5.36	12.81	5.87	12.17	6.60	11.53	7.34
	2	14.78	3.72	14.08	4.18	13.51	4.62	12.94	5.06	12.29	5.69	11.64	6.33
	7	16.80	3.38	16.00	3.80	15.35	4.20	14.70	4.60	14.60	5.00	14.50	5.40
	10	18.25	3.42	17.38	3.85	16.71	4.25	16.04	4.65	15.24	5.23	14.43	5.81
	15	20.68	3.49	19.69	3.92	18.98	4.26	18.27	4.72	17.36	5.31	16.44	5.90
	20	23.10	3.56	22.00	4.00	21.25	4.36	20.50	4.80	19.48	5.40	18.45	6.00

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

5. Integrated value : Tested with defrost operation in accordance with EN14511

※ The real capacity would be changed according to the install environment.

## 2. Capacity Tables

### 2-1. AE050/090/120/140/160JXYDEH/EU (1 Phase)

#### 2) Maximum Heating Capacity (Integrated Value)

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

	LWE(°C)	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)
AE050JXYDEH/EU	-20	3.70	1.50	3.53	1.68	3.45	1.90	3.38	2.11				
	-10	4.64	1.54	4.42	1.73	4.32	1.96	4.23	2.18	4.02	2.45	3.81	2.72
	-7	4.94	1.56	4.70	1.75	4.60	1.98	4.50	2.20	4.60	2.40	4.70	2.60
	-2	4.83	1.36	4.60	1.53	4.43	1.68	4.25	1.83	4.04	2.05	3.83	2.28
	2	4.73	1.16	4.50	1.30	4.25	1.38	4.00	1.45	3.80	1.63	3.60	1.81
	7	5.25	0.94	5.00	1.06	4.85	1.21	4.70	1.35	4.60	1.48	4.50	1.60
	10	5.73	0.95	5.46	1.07	5.32	1.22	5.18	1.36	4.93	1.53	4.67	1.70
	15	6.54	0.97	6.23	1.08	6.11	1.21	5.99	1.38	5.69	1.55	5.39	1.73
	20	7.35	0.98	7.00	1.10	6.90	1.24	6.80	1.40	6.46	1.58	6.12	1.75
AE090JXYDEH/EU	-20	5.99	2.72	5.70	3.05	5.53	3.21	5.36	3.36				
	-10	7.50	2.80	7.14	3.15	6.93	3.31	6.72	3.47	6.38	3.90	6.05	4.33
	-7	7.98	2.83	7.60	3.18	7.38	3.34	7.15	3.50	6.53	3.60	5.90	3.70
	-2	7.67	2.45	7.30	2.76	7.06	2.90	6.83	3.05	6.48	3.43	6.14	3.81
	2	7.35	2.07	7.00	2.33	6.75	2.47	6.50	2.60	6.18	2.93	5.85	3.25
	7	9.45	1.90	9.00	2.14	8.55	2.27	8.10	2.39	8.05	2.68	8.00	2.96
	10	10.38	1.90	9.89	2.14	9.47	2.29	9.06	2.44	8.61	2.75	8.15	3.05
	15	11.93	1.90	11.36	2.13	11.01	2.30	10.66	2.53	10.13	2.85	9.59	3.16
	20	13.48	1.89	12.84	2.12	12.55	2.35	12.26	2.62	11.65	2.95	11.03	3.27
AE120JXYDEH/EU	-20	8.11	3.37	7.73	3.79	7.38	4.17	7.04	4.54				
	-10	10.17	3.48	9.68	3.91	9.25	4.30	8.83	4.68	8.39	5.27	7.94	5.85
	-7	10.82	3.52	10.30	3.95	9.85	4.34	9.39	4.73	8.93	5.12	8.47	5.51
	-2	10.55	3.07	10.05	3.45	9.87	3.86	9.70	4.27	9.21	4.80	8.73	5.33
	2	10.29	2.63	9.80	2.95	9.90	3.38	10.00	3.80	9.50	4.28	9.00	4.75
	7	12.60	2.37	12.00	2.66	11.70	3.06	11.40	3.45	10.95	3.68	10.50	3.90
	10	13.91	2.35	13.25	2.64	12.89	3.02	12.54	3.40	11.91	3.83	11.28	4.25
	15	16.09	2.31	15.32	2.60	14.88	2.92	14.43	3.33	13.71	3.74	12.98	4.16
	20	18.27	2.28	17.40	2.56	16.86	2.88	16.32	3.25	15.50	3.66	14.69	4.06
AE140JXYDEH/EU	-20	8.51	3.61	8.10	4.05	8.06	4.75	8.03	5.42				
	-10	10.66	3.72	10.15	4.18	10.11	4.89	10.06	5.59	9.56	6.29	9.05	6.99
	-7	11.34	3.76	10.80	4.22	10.75	4.94	10.70	5.65	10.35	5.78	10.00	5.90
	-2	11.55	3.41	11.00	3.83	10.96	4.45	10.93	5.08	10.38	5.71	9.83	6.34
	2	11.76	3.06	11.20	3.44	11.18	3.97	11.15	4.50	10.59	5.06	10.04	5.63
	7	14.70	2.79	14.00	3.14	13.50	3.55	13.00	3.95	12.63	4.20	12.25	4.45
	10	15.67	2.79	14.92	3.13	14.42	3.52	13.92	3.90	13.23	4.39	12.53	4.87
	15	17.28	2.77	16.46	3.12	15.96	3.41	15.46	3.81	14.69	4.29	13.92	4.77
	20	18.90	2.76	18.00	3.10	17.50	3.38	17.00	3.73	16.15	4.20	15.30	4.66
AE160JXYDEH/EU	-20	10.55	4.63	10.05	5.20	10.09	5.88	10.13	6.53				
	-10	13.23	4.78	12.60	5.37	12.64	6.05	12.69	6.73	12.06	7.57	11.42	8.42
	-7	14.07	4.82	13.40	5.42	13.45	6.11	13.50	6.80	12.65	6.90	11.80	7.00
	-2	13.60	4.21	12.95	4.73	12.49	5.13	12.03	5.54	11.42	6.23	10.82	6.92
	2	13.13	3.59	12.50	4.03	11.53	4.15	10.55	4.27	10.02	4.80	9.50	5.34
	7	16.80	3.38	16.00	3.80	15.35	4.20	14.70	4.60	14.60	5.00	14.50	5.40
	10	18.25	3.42	17.38	3.85	16.71	4.25	16.04	4.65	15.24	5.23	14.43	5.81
	15	20.68	3.49	19.69	3.92	18.98	4.26	18.27	4.72	17.36	5.31	16.44	5.90
	20	23.10	3.56	22.00	4.00	21.25	4.36	20.50	4.80	19.48	5.40	18.45	6.00

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

5. Integrated value : Tested with defrost operation in accordance with EN14511

※ The real capacity would be changed according to the install environment.