

# 2. Outdoor Units

## 2-8. Capacity table

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

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

	LWT(°C)	30		35		40		45		50		55		60		65		
	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)	
AE050RXYDEG	-20	3.57	1.42	3.40	1.60	3.41	1.69	3.43	1.98									
	-15	4.52	1.65	4.30	1.85	4.17	1.94	4.03	2.02	3.91	2.12							
	-10	5.25	1.73	5.00	1.94	4.85	2.03	4.70	2.12	4.56	2.23	4.23	2.44					
	-7	5.58	1.74	5.31	1.96	5.20	2.21	5.08	2.46	4.97	2.68	4.86	2.91					
	-2	5.91	1.68	5.63	1.89	5.41	2.08	5.20	2.26	4.94	2.54	4.68	2.83	4.43	3.14			
	2	5.86	1.50	5.58	1.69	5.27	1.78	4.97	1.88	4.72	2.12	4.47	2.35	4.23	2.50			
	7	5.25	0.92	5.00	1.03	4.90	1.17	4.80	1.30	4.55	1.41	4.30	1.52	4.08	1.56	3.85	1.60	
	10	5.73	0.92	5.46	1.04	5.38	1.18	5.29	1.31	5.03	1.48	4.76	1.64	4.53	1.69	4.29	1.74	
	15	6.54	0.94	6.23	1.05	6.17	1.18	6.12	1.33	5.81	1.50	5.51	1.66	5.23	1.72	4.95	1.77	
	20	7.35	0.95	7.00	1.07	6.97	1.20	6.94	1.35	6.59	1.52	6.25	1.69	5.93	1.74	5.62	1.79	
AE080RXYD*G	-20	5.60	2.21	5.33	2.48	5.27	2.70	5.20	3.13									
	-15	6.63	2.45	6.31	2.75	6.22	2.97	6.12	3.19	5.94	3.35							
	-10	8.02	2.71	7.64	3.05	7.41	3.20	7.18	3.35	6.97	3.52	6.46	3.85					
	-7	8.04	2.80	7.66	3.15	7.43	3.30	7.20	3.46	6.57	3.73	5.95	4.01					
	-2	8.56	2.72	8.15	3.05	7.89	3.21	7.62	3.38	7.24	3.80	6.86	4.22	6.50	4.69			
	2	8.55	2.43	8.14	2.73	7.85	2.89	7.56	3.05	7.18	3.43	6.80	3.81	6.44	4.04			
	7	8.40	1.58	8.00	1.77	7.70	1.95	7.40	2.12	7.25	2.33	7.10	2.53	6.96	2.62	6.81	2.72	
	10	9.23	1.57	8.79	1.77	8.53	1.97	8.28	2.17	7.86	2.44	7.45	2.71	7.08	2.79	6.70	2.88	
	15	10.60	1.56	10.10	1.76	9.92	1.97	9.74	2.24	9.25	2.52	8.76	2.80	8.33	2.89	7.89	2.98	
	20	11.98	1.56	11.41	1.75	11.31	2.01	11.20	2.32	10.64	2.61	10.08	2.90	9.58	2.99	9.07	3.08	
AE120RXYD*G	-20	9.82	4.08	9.35	4.58	9.04	4.68	8.72	4.88									
	-15	11.13	4.25	10.60	4.78	10.43	4.88	10.26	4.98	9.95	5.23							
	-10	12.39	4.32	11.80	4.85	11.45	5.04	11.09	5.23	10.76	5.49	9.98	6.01					
	-7	13.13	4.37	12.50	4.91	11.95	5.39	11.40	5.88	10.84	6.36	10.28	6.84					
	-2	13.60	4.05	12.95	4.55	12.72	5.09	12.48	5.62	11.85	6.32	11.23	7.02	10.64	7.80			
	2	13.19	3.42	12.56	3.84	12.69	4.39	12.81	4.94	12.17	5.56	11.53	6.18	10.93	6.56			
	7	12.60	2.36	12.00	2.65	11.85	2.92	11.70	3.18	11.50	3.46	11.30	3.73	11.11	3.83	10.91	3.94	
	10	13.91	2.34	13.25	2.63	13.06	2.88	12.87	3.14	12.22	3.53	11.58	3.92	11.00	4.05	10.42	4.17	
	15	16.09	2.30	15.32	2.59	15.07	2.79	14.81	3.07	14.07	3.45	13.33	3.84	12.66	3.96	11.99	4.08	
	20	18.27	2.27	17.40	2.55	17.08	2.75	16.75	3.00	15.91	3.38	15.08	3.75	14.32	3.87	13.57	3.98	
AE160RXYD*G	-20	11.87	5.05	11.30	5.67	10.99	6.04	10.68	6.61									
	-15	13.65	5.34	13.00	6.00	12.79	6.37	12.57	6.74	12.19	7.08							
	-10	15.12	5.47	14.40	6.15	13.97	6.61	13.54	7.08	13.13	7.43	12.18	8.14					
	-7	15.97	5.56	15.21	6.25	15.27	7.05	15.32	7.84	14.36	7.96	13.40	8.07					
	-2	16.59	5.26	15.80	5.91	15.24	6.42	14.69	6.93	13.95	7.79	13.22	8.66	12.52	9.62			
	2	16.12	4.55	15.35	5.12	14.15	5.27	12.95	5.42	12.31	6.10	11.66	6.77	11.04	7.19			
	7	16.80	3.22	16.00	3.62	15.70	4.06	15.40	4.49	15.20	4.84	15.00	5.18	14.81	5.28	14.61	5.38	
	10	18.25	3.26	17.38	3.66	17.09	4.10	16.80	4.54	15.96	5.10	15.12	5.67	14.37	5.85	13.61	6.02	
	15	20.68	3.33	19.69	3.74	19.42	4.11	19.14	4.61	18.18	5.19	17.23	5.77	16.37	5.95	15.50	6.13	
	20	23.10	3.39	22.00	3.81	21.74	4.21	21.48	4.69	20.41	5.28	19.33	5.86	18.37	6.05	17.40	6.23	

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

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

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

	LWT(°C)	30		35		40		45		50		55		60		65	
	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)
	AE050RXYDEG	-20	3.57	1.42	3.40	1.60	3.41	1.69	3.43	1.98							
	-15	4.47	1.63	4.26	1.83	4.12	1.92	3.99	2.00	3.87	2.10						
	-10	5.15	1.69	4.90	1.90	4.75	1.99	4.61	2.08	4.47	2.18	4.15	2.39				
	-7	5.36	1.67	5.10	1.88	4.99	2.12	4.88	2.36	4.78	2.58	4.67	2.79				
	-2	5.20	1.48	4.95	1.67	4.76	1.83	4.58	1.99	4.35	2.24	4.12	2.49	3.90	2.76		
	2	5.04	1.29	4.80	1.45	4.54	1.54	4.27	1.62	4.06	1.82	3.84	2.03	3.64	2.25		
	7	5.25	0.92	5.00	1.03	4.90	1.17	4.80	1.30	4.55	1.41	4.30	1.52	4.08	1.56	3.85	1.60
	10	5.73	0.92	5.46	1.04	5.38	1.18	5.29	1.31	5.03	1.48	4.76	1.64	4.53	1.69	4.29	1.74
	15	6.54	0.94	6.23	1.05	6.17	1.18	6.12	1.33	5.81	1.50	5.51	1.66	5.23	1.72	4.95	1.77
	20	7.35	0.95	7.00	1.07	6.97	1.20	6.94	1.35	6.59	1.52	6.25	1.69	5.93	1.74	5.62	1.79
AE080RXYD*G	LWT(°C)	30		35		40		45		50		55		60		65	
	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)
	-20	5.60	2.21	5.33	2.48	5.27	2.70	5.20	3.13								
	-15	6.56	2.42	6.25	2.72	6.15	2.94	6.06	3.16	5.88	3.32						
	-10	7.86	2.66	7.49	2.99	7.26	3.14	7.04	3.28	6.83	3.45	6.33	3.77				
	-7	7.72	2.69	7.35	3.02	7.13	3.17	6.91	3.32	6.31	3.59	5.71	3.85				
	-2	7.53	2.39	7.18	2.69	6.94	2.83	6.71	2.97	6.37	3.34	6.03	3.71	5.72	4.13		
	2	7.35	2.09	7.00	2.35	6.75	2.49	6.50	2.62	6.18	2.95	5.85	3.28	5.54	3.64		
	7	8.40	1.58	8.00	1.77	7.70	1.95	7.40	2.12	7.25	2.33	7.10	2.53	6.96	2.62	6.81	2.72
	10	9.23	1.57	8.79	1.77	8.53	1.97	8.28	2.17	7.86	2.44	7.45	2.71	7.08	2.79	6.70	2.88
	15	10.60	1.56	10.10	1.76	9.92	1.97	9.74	2.24	9.25	2.52	8.76	2.80	8.33	2.89	7.89	2.98
	20	11.98	1.56	11.41	1.75	11.31	2.01	11.20	2.32	10.64	2.61	10.08	2.90	9.58	2.99	9.07	3.08
AE120RXYD*G	LWT(°C)	30		35		40		45		50		55		60		65	
	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)
	-20	9.82	4.08	9.35	4.58	9.04	4.68	8.72	4.88								
	-15	11.02	4.21	10.49	4.73	10.33	4.83	10.16	4.93	9.85	5.18						
	-10	12.14	4.23	11.56	4.75	11.22	4.94	10.87	5.12	10.54	5.38	9.78	5.89				
	-7	12.60	4.19	12.00	4.71	11.47	5.18	10.94	5.64	10.41	6.11	9.87	6.57				
	-2	11.97	3.56	11.40	4.01	11.19	4.48	10.98	4.95	10.43	5.56	9.88	6.18	9.36	6.87		
	2	11.34	2.94	10.80	3.30	10.91	3.78	11.02	4.25	10.47	4.78	9.92	5.31	9.40	5.90		
	7	12.60	2.36	12.00	2.65	11.85	2.92	11.70	3.18	11.50	3.46	11.30	3.73	11.11	3.83	10.91	3.94
	10	13.91	2.34	13.25	2.63	13.06	2.88	12.87	3.14	12.22	3.53	11.58	3.92	11.00	4.05	10.42	4.17
	15	16.09	2.30	15.32	2.59	15.07	2.79	14.81	3.07	14.07	3.45	13.33	3.84	12.66	3.96	11.99	4.08
	20	18.27	2.27	17.40	2.55	17.08	2.75	16.75	3.00	15.91	3.38	15.08	3.75	14.32	3.87	13.57	3.98
AE160RXYD*G	LWT(°C)	30		35		40		45		50		55		60		65	
	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)
	-20	11.87	5.05	11.30	5.67	10.99	6.04	10.68	6.61								
	-15	13.51	5.29	12.87	5.94	12.66	6.31	12.44	6.67	12.07	7.01						
	-10	14.82	5.36	14.11	6.03	13.69	6.48	13.27	6.94	12.87	7.28	11.94	7.98				
	-7	15.33	5.34	14.60	6.00	14.66	6.77	14.71	7.53	13.79	7.64	12.86	7.75				
	-2	14.60	4.63	13.90	5.20	13.41	5.65	12.93	6.10	12.28	6.86	11.63	7.62	11.02	8.47		
	2	13.86	3.92	13.20	4.40	12.17	4.53	11.14	4.66	10.58	5.24	10.03	5.83	9.50	6.47		
	7	16.80	3.22	16.00	3.62	15.70	4.06	15.40	4.49	15.20	4.84	15.00	5.18	14.81	5.28	14.61	5.38
	10	18.25	3.26	17.38	3.66	17.09	4.10	16.80	4.54	15.96	5.10	15.12	5.67	14.37	5.85	13.61	6.02
	15	20.68	3.33	19.69	3.74	19.42	4.11	19.14	4.61	18.18	5.19	17.23	5.77	16.37	5.95	15.50	6.13
	20	23.10	3.39	22.00	3.81	21.74	4.21	21.48	4.69	20.41	5.28	19.33	5.86	18.37	6.05	17.40	6.23

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

#### 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)	CC(kW)	PI(kW)	CC(kW)	PI(kW)	CC(kW)	PI(kW)	CC(kW)	PI(kW)	CC(kW)	PI(kW)	CC(kW)	PI(kW)
AE050RXYDEG	10	4.32	0.86	4.62	0.85	4.93	0.85	5.23	0.85	5.54	0.85	6.09	0.87
	20	4.15	0.97	4.45	0.97	4.74	0.97	5.03	0.97	5.33	0.96	5.86	0.98
	30	3.99	1.09	4.27	1.08	4.55	1.08	4.83	1.08	5.11	1.08	5.62	1.10
	35	3.90	1.15	4.18	1.15	4.45	1.15	4.73	1.14	5.00	1.14	5.50	1.16
	46	3.72	1.27	3.98	1.27	4.24	1.27	4.50	1.26	4.77	1.26	5.24	1.28
	AE080RXYD*G	LWT(°C)	7		10		13		15		18		25
	Tamb(°C)	CC(kW)	PI(kW)	CC(kW)	PI(kW)	CC(kW)	PI(kW)	CC(kW)	PI(kW)	CC(kW)	PI(kW)	CC(kW)	PI(kW)
	10	6.31	1.40	6.92	1.33	7.53	1.26	8.14	1.19	8.75	1.12	9.62	1.14
	20	6.07	1.59	6.66	1.51	7.24	1.43	7.83	1.35	8.41	1.27	9.25	1.29
	30	5.83	1.78	6.39	1.69	6.95	1.60	7.51	1.51	8.07	1.42	8.88	1.45
	35	5.70	1.88	6.25	1.79	6.80	1.69	7.35	1.60	7.90	1.50	8.69	1.53
	46	5.43	2.08	5.96	1.97	6.48	1.87	7.00	1.76	7.53	1.66	8.28	1.69
AE120RXYD*G	LWT(°C)	7		10		13		15		18		25	
	Tamb(°C)	CC(kW)	PI(kW)	CC(kW)	PI(kW)	CC(kW)	PI(kW)	CC(kW)	PI(kW)	CC(kW)	PI(kW)	CC(kW)	PI(kW)
	10	9.96	2.03	10.79	2.04	11.62	2.05	12.45	2.06	13.28	2.06	14.61	2.10
	20	9.59	2.31	10.38	2.32	11.18	2.32	11.98	2.33	12.78	2.34	14.06	2.39
	30	9.20	2.58	9.96	2.59	10.73	2.60	11.50	2.61	12.26	2.62	13.49	2.67
	35	9.00	2.73	9.75	2.74	10.50	2.75	11.25	2.76	12.00	2.77	13.20	2.83
	46	8.58	3.02	9.29	3.03	10.01	3.04	10.72	3.05	11.44	3.06	12.58	3.12
AE160RXYD*G	LWT(°C)	7		10		13		15		18		25	
	Tamb(°C)	CC(kW)	PI(kW)	CC(kW)	PI(kW)	CC(kW)	PI(kW)	CC(kW)	PI(kW)	CC(kW)	PI(kW)	CC(kW)	PI(kW)
	10	11.51	2.45	12.51	2.45	13.51	2.45	14.50	2.45	15.50	2.44	17.05	2.49
	20	11.08	2.78	12.03	2.78	12.99	2.78	13.95	2.77	14.91	2.77	16.40	2.83
	30	10.63	3.11	11.55	3.11	12.47	3.10	13.39	3.10	14.31	3.10	15.74	3.16
	35	10.40	3.29	11.30	3.29	12.20	3.29	13.10	3.28	14.00	3.28	15.40	3.35
	46	9.91	3.64	10.77	3.63	11.63	3.63	12.48	3.63	13.34	3.62	14.68	3.70

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

## 2. Outdoor Units

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### 2-9. Silent mode corrections

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#### Heating

Silent Function	Outdoor Air Temperature(°C DB)			
	-15	2	7	15
Level 1	0.92	0.87	0.94	0.94
Level 2	0.82	0.78	0.84	0.84
Level 3	0.68	0.64	0.69	0.69
Low-noise	0.7	0.6	0.69	0.69

#### Heating

Silent Function	Outdoor Air Temperature(°C DB)			
	10	20	35	45
Level 1	1	1	0.92	0.92
Level 2	0.98	0.89	0.83	0.83
Level 3	0.81	0.74	0.68	0.68