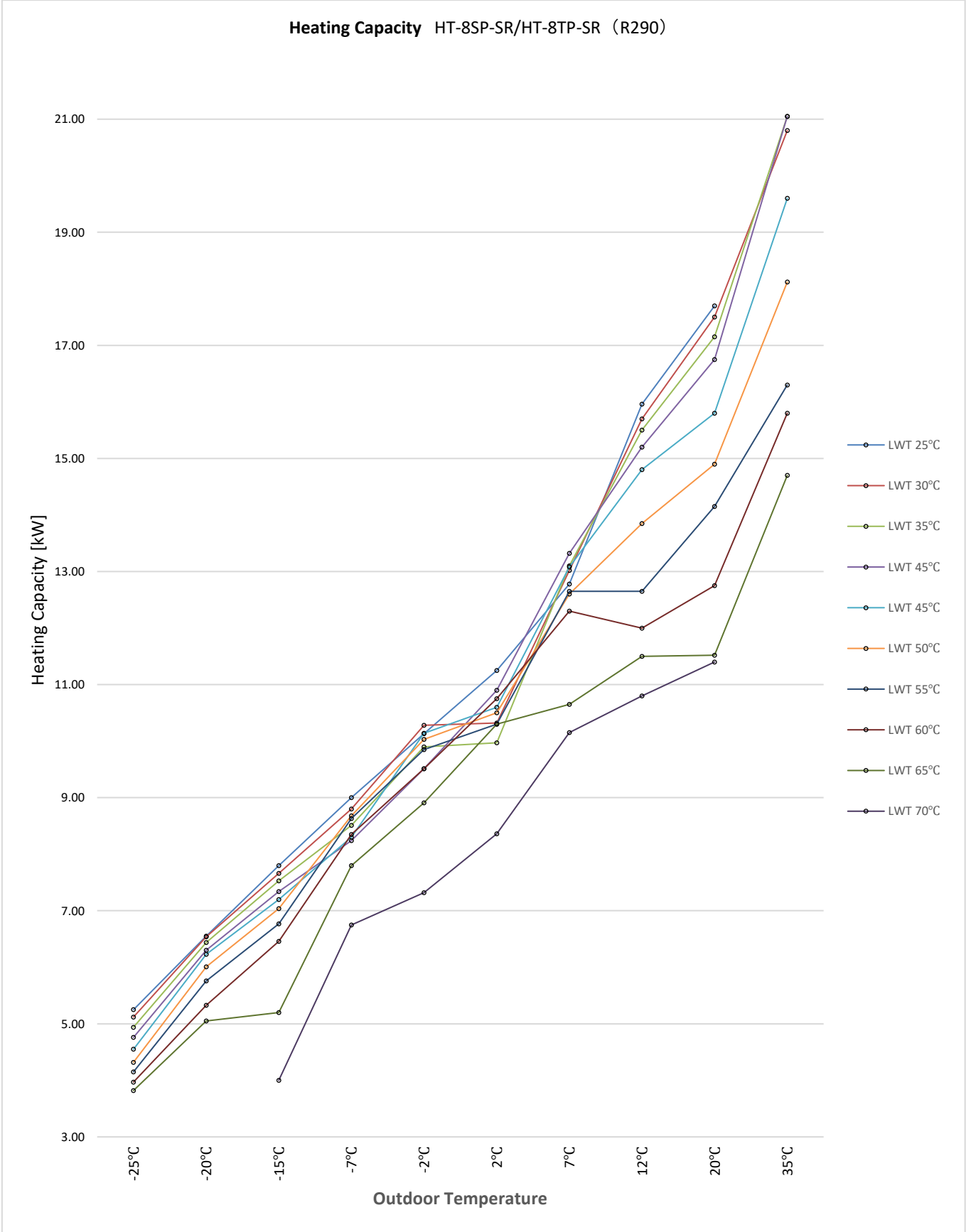
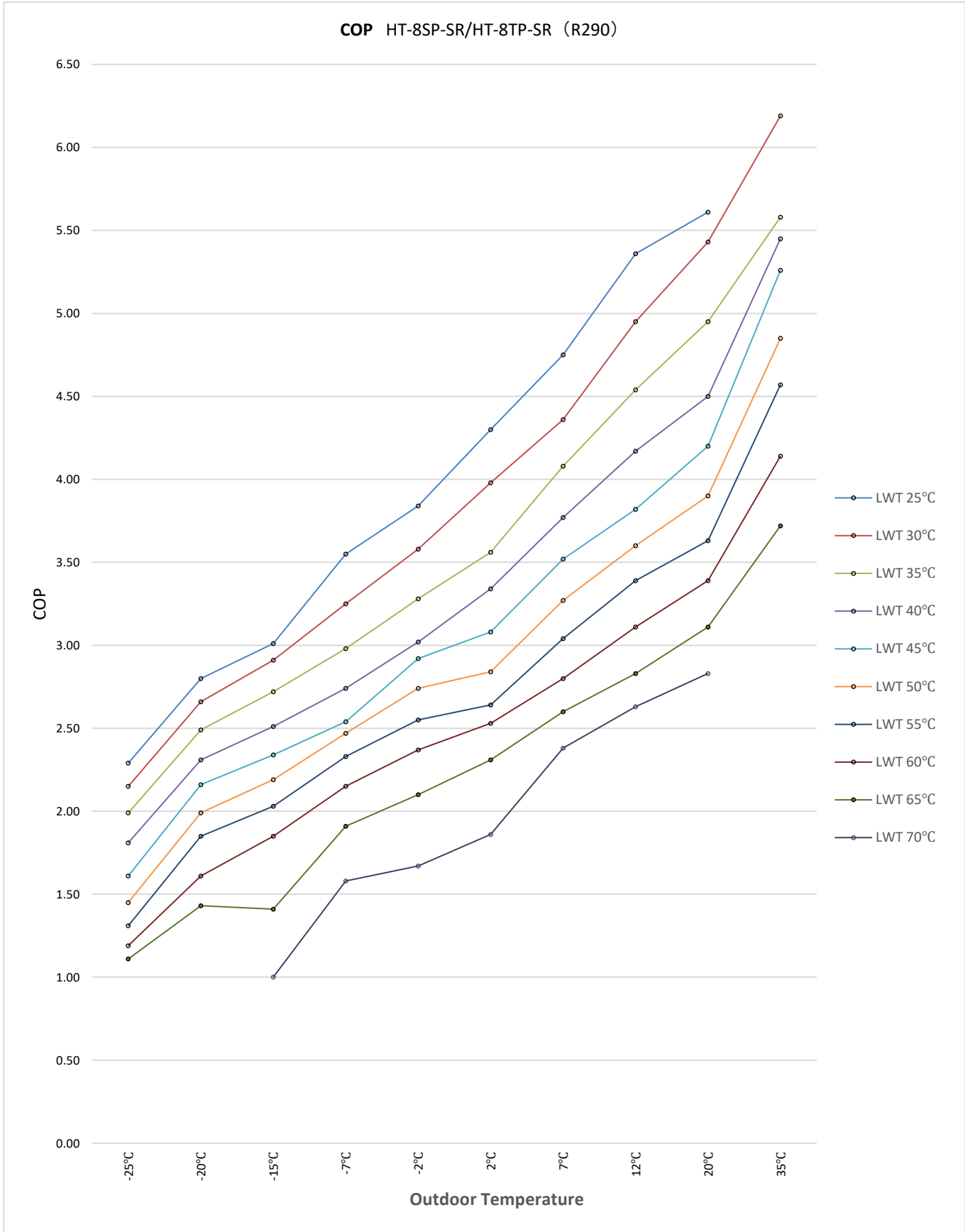


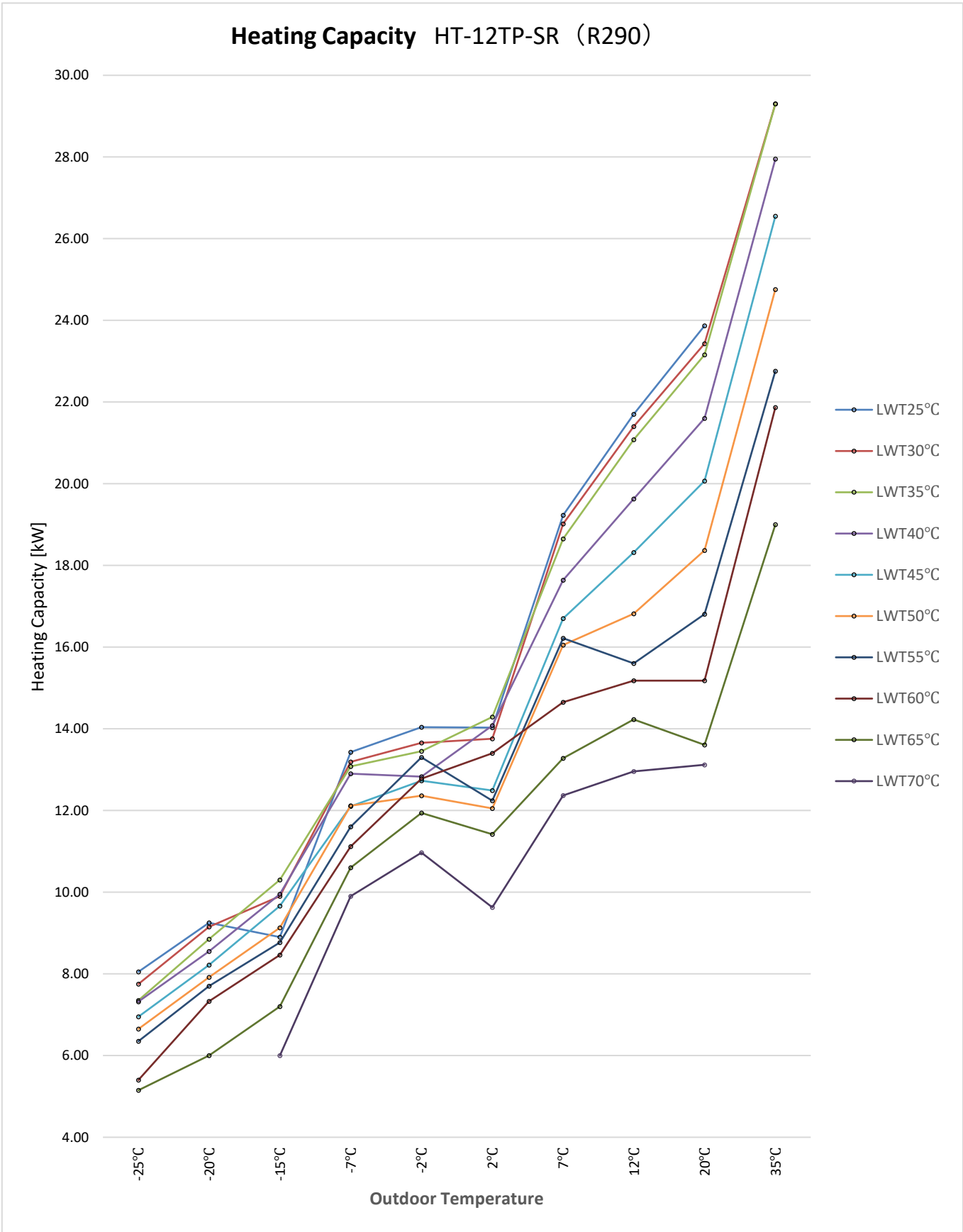
HT-8SP-SR/HT-8TP-SR (R290)										
Outdoor Temperature	Leaving Water Temperature									
	LWT 25°C	LWT 30°C	LWT 35°C	LWT 40°C	LWT 45°C	LWT 50°C	LWT 55°C	LWT 60°C	LWT 65°C	LWT 70°C
-25°C	5.25	5.12	4.94	4.76	4.55	4.32	4.15	3.97	3.82	
-20°C	6.55	6.54	6.44	6.30	6.23	6.01	5.76	5.33	5.05	
-15°C	7.80	7.66	7.53	7.34	7.20	7.04	6.77	6.46	5.20	4.00
-7°C	9.00	8.80	8.51	8.24	8.30	8.68	8.63	8.35	7.80	6.75
-2°C	10.13	10.28	9.90	9.51	10.14	10.03	9.85	9.51	8.91	7.32
2°C	11.25	10.32	9.97	10.90	10.60	10.50	10.30	10.75	10.30	8.36
7°C	12.78	13.02	13.10	13.32	13.08	12.60	12.65	12.30	10.65	10.15
12°C	15.96	15.70	15.50	15.20	14.80	13.85	12.65	12.00	11.50	10.80
20°C	17.70	17.50	17.15	16.75	15.80	14.90	14.15	12.75	11.52	11.40
35°C		20.80	21.05	21.05	19.60	18.12	16.30	15.80	14.70	



HT-8SP-SR/HT-8TP-SR (R290)										
Leaving Water Temperature										
Outdoor Temperature	LWT 25°C	LWT 30°C	LWT 35°C	LWT 40°C	LWT 45°C	LWT 50°C	LWT 55°C	LWT 60°C	LWT 65°C	LWT 70°C
-25°C	COP	COP	COP	COP	COP	COP	COP	COP	COP	COP
-25°C	2.29	2.15	1.99	1.81	1.61	1.45	1.31	1.19	1.11	
-20°C	2.80	2.66	2.49	2.31	2.16	1.99	1.85	1.61	1.43	
-15°C	3.01	2.91	2.72	2.51	2.34	2.19	2.03	1.85	1.41	1.00
-7°C	3.55	3.25	2.98	2.74	2.54	2.47	2.33	2.15	1.91	1.58
-2°C	3.84	3.58	3.28	3.02	2.92	2.74	2.55	2.37	2.10	1.67
2°C	4.30	3.98	3.56	3.34	3.08	2.84	2.64	2.53	2.31	1.86
7°C	4.75	4.36	4.08	3.77	3.52	3.27	3.04	2.80	2.60	2.38
12°C	5.36	4.95	4.54	4.17	3.82	3.60	3.39	3.11	2.83	2.63
20°C	5.61	5.43	4.95	4.50	4.20	3.90	3.63	3.39	3.11	2.83
35°C		6.19	5.58	5.45	5.26	4.85	4.57	4.14	3.72	

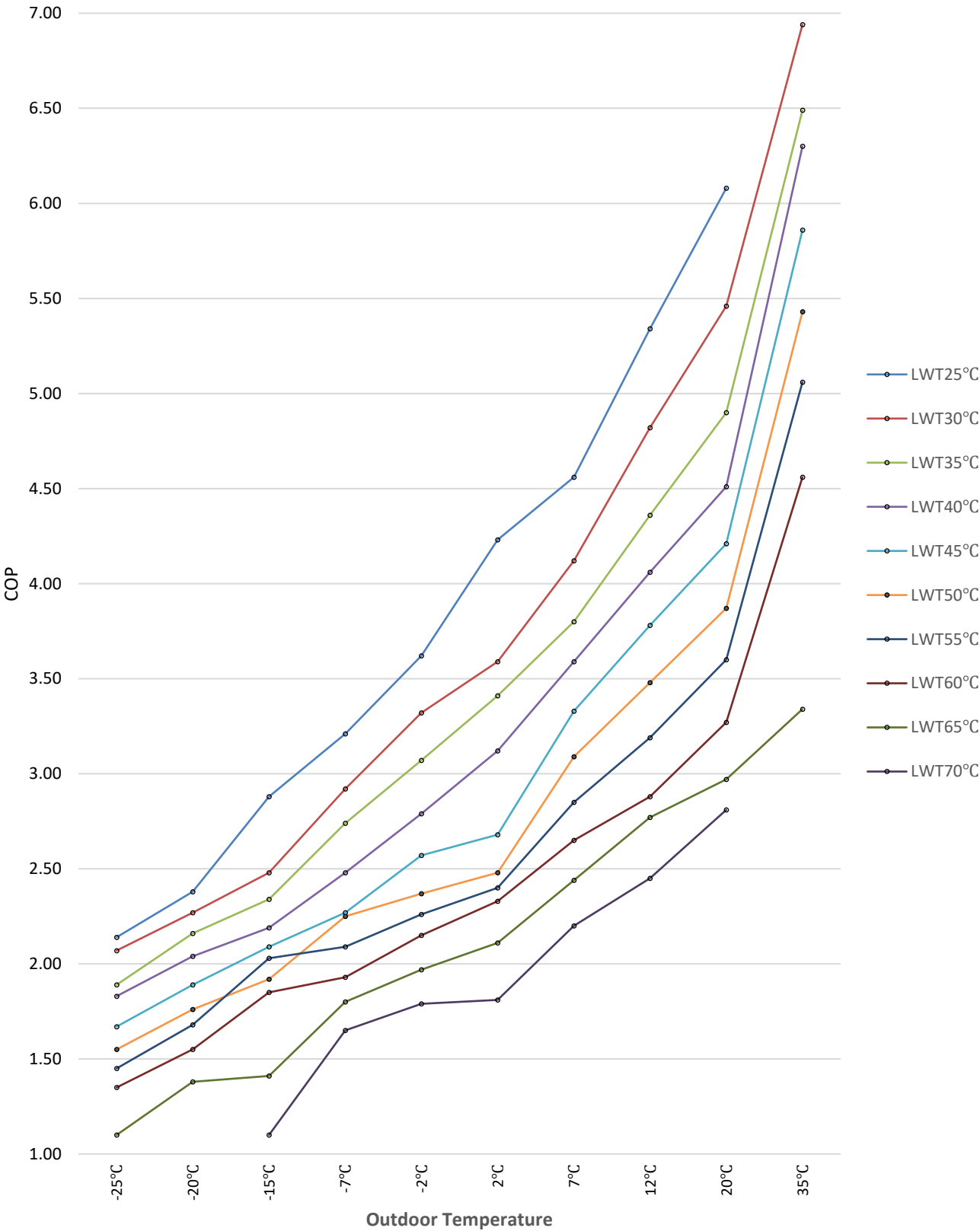


HT-12TP-SR (R290)										
Outdoor Temperature	LWT25°C	LWT30°C	LWT35°C	LWT40°C	LWT45°C	LWT50°C	LWT55°C	LWT60°C	LWT65°C	LWT70°C
	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC
-25°C	8.05	7.75	7.35	7.32	6.95	6.65	6.35	5.40	5.15	
-20°C	9.25	9.15	8.85	8.55	8.22	7.92	7.70	7.33	6.00	
-15°C	8.90	9.90	10.30	9.95	9.66	9.13	8.77	8.46	7.20	6.00
-7°C	13.43	13.19	13.08	12.90	12.10	12.12	11.60	11.12	10.60	9.90
-2°C	14.04	13.66	13.45	12.83	12.73	12.36	13.30	12.78	11.94	10.97
2°C	14.03	13.76	14.29	14.08	12.49	12.05	12.24	13.40	11.42	9.63
7°C	19.23	19.02	18.65	17.64	16.70	16.05	16.22	14.65	13.28	12.37
12°C	21.70	21.40	21.08	19.63	18.32	16.82	15.60	15.18	14.23	12.96
20°C	23.87	23.43	23.16	21.60	20.07	18.37	16.81	15.18	13.61	13.12
35°C		29.30	29.30	27.95	26.55	24.76	22.76	21.87	19.00	

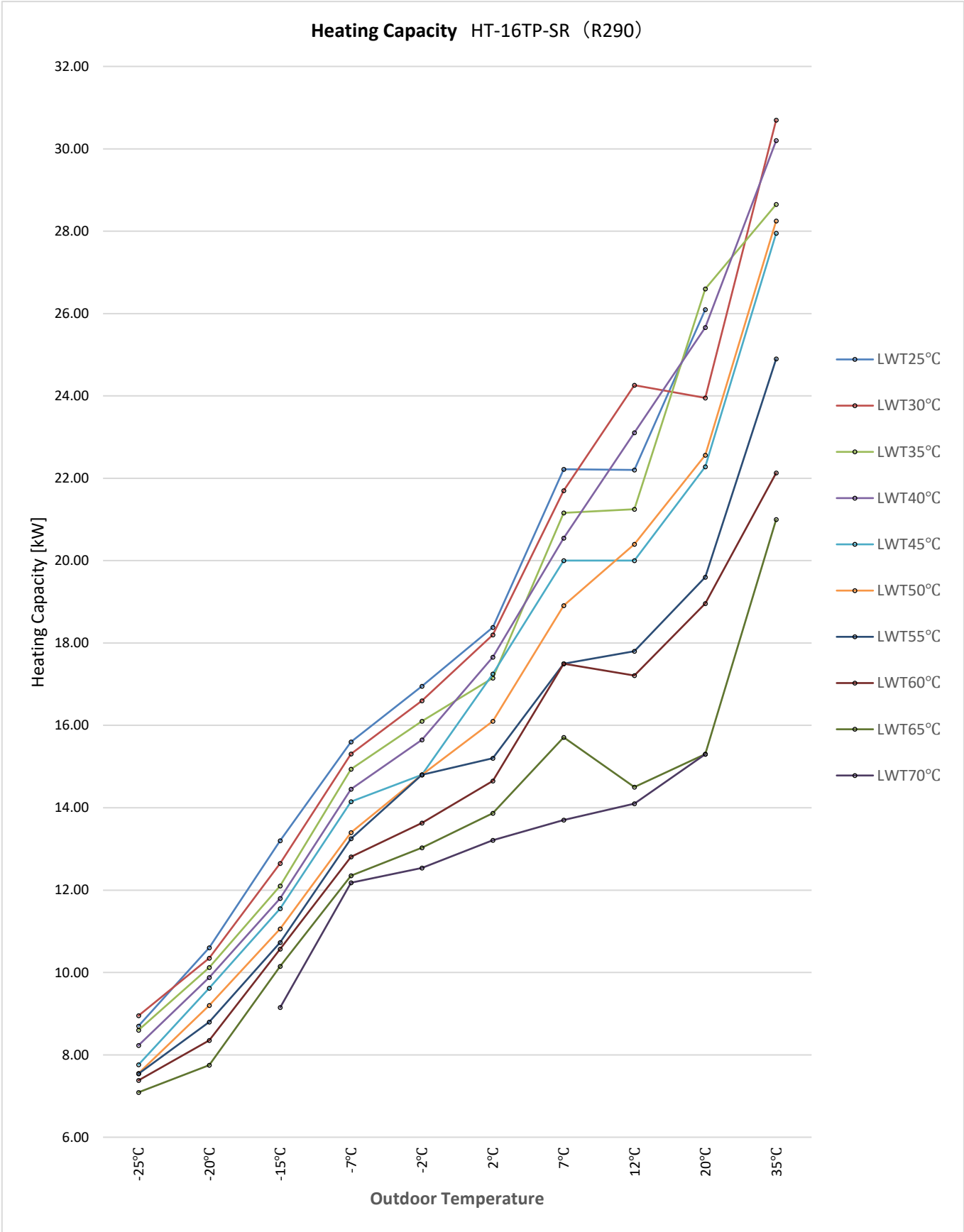


HT-12TP-SR (R290)										
Outdoor Temperature	LWT25°C	LWT30°C	LWT35°C	LWT40°C	LWT45°C	LWT50°C	LWT55°C	LWT60°C	LWT65°C	LWT70°C
	COP	COP	COP	COP	COP	COP	COP	COP	COP	COP
-25°C	2.14	2.07	1.89	1.83	1.67	1.55	1.45	1.35	1.10	
-20°C	2.38	2.27	2.16	2.04	1.89	1.76	1.68	1.55	1.38	
-15°C	2.88	2.48	2.34	2.19	2.09	1.92	2.03	1.85	1.41	1.10
-7°C	3.21	2.92	2.74	2.48	2.27	2.25	2.09	1.93	1.80	1.65
-2°C	3.62	3.32	3.07	2.79	2.57	2.37	2.26	2.15	1.97	1.79
2°C	4.23	3.59	3.41	3.12	2.68	2.48	2.40	2.33	2.11	1.81
7°C	4.56	4.12	3.80	3.59	3.33	3.09	2.85	2.65	2.44	2.20
12°C	5.34	4.82	4.36	4.06	3.78	3.48	3.19	2.88	2.77	2.45
20°C	6.08	5.46	4.90	4.51	4.21	3.87	3.60	3.27	2.97	2.81
35°C		6.94	6.49	6.30	5.86	5.43	5.06	4.56	3.34	

COP HT-12TP-SR (R290)



HT-16TP-SR (R290)										
Outdoor Temperature	LWT25°C	LWT30°C	LWT35°C	LWT40°C	LWT45°C	LWT50°C	LWT55°C	LWT60°C	LWT65°C	LWT70°C
	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC
-25°C	8.70	8.95	8.60	8.23	7.76	7.55	7.54	7.38	7.09	
-20°C	10.60	10.35	10.12	9.88	9.62	9.20	8.80	8.35	7.75	
-15°C	13.20	12.65	12.10	11.80	11.55	11.06	10.73	10.57	10.15	9.15
-7°C	15.60	15.31	14.94	14.45	14.15	13.40	13.25	12.81	12.35	12.18
-2°C	16.95	16.60	16.10	15.65	14.80	14.80	14.80	13.63	13.03	12.54
2°C	18.38	18.20	17.15	17.66	17.25	16.10	15.20	14.65	13.87	13.21
7°C	22.22	21.70	21.16	20.55	20.00	18.91	17.50	17.50	15.71	13.70
12°C	22.20	24.26	21.25	23.11	20.00	20.40	17.80	17.21	14.50	14.10
20°C	26.10	23.95	26.60	25.66	22.28	22.56	19.60	18.96	15.30	15.30
35°C		30.70	28.65	30.20	27.95	28.25	24.90	22.13	21.00	



HT-16TP-SR (R290)										
Outdoor Temperature	LWT25°C	LWT30°C	LWT35°C	LWT40°C	LWT45°C	LWT50°C	LWT55°C	LWT60°C	LWT65°C	LWT70°C
	COP	COP	COP	COP	COP	COP	COP	COP	COP	COP
-25°C	2.20	2.23	2.05	1.85	1.71	1.61	1.59	1.49	1.33	
-20°C	2.66	2.49	2.35	2.20	2.06	1.88	1.72	1.53	1.37	
-15°C	2.98	2.78	2.51	2.36	2.18	1.94	1.80	1.68	1.59	1.35
-7°C	3.49	3.29	3.05	2.77	2.61	2.35	2.21	1.93	1.82	1.67
-2°C	3.81	3.57	3.29	3.04	2.78	2.57	2.37	2.20	2.04	1.81
2°C	4.25	3.92	3.53	3.33	3.05	2.74	2.52	2.40	2.17	1.90
7°C	4.86	4.47	4.05	3.68	3.36	3.07	2.82	2.59	2.33	2.02
12°C	5.89	4.97	4.82	4.07	4.01	3.40	3.33	2.83	2.70	2.18
20°C	5.71	5.90	5.34	4.50	4.23	3.76	3.49	3.14	2.81	2.49
35°C		7.22	6.47	5.24	5.35	4.76	4.46	4.04	3.58	

