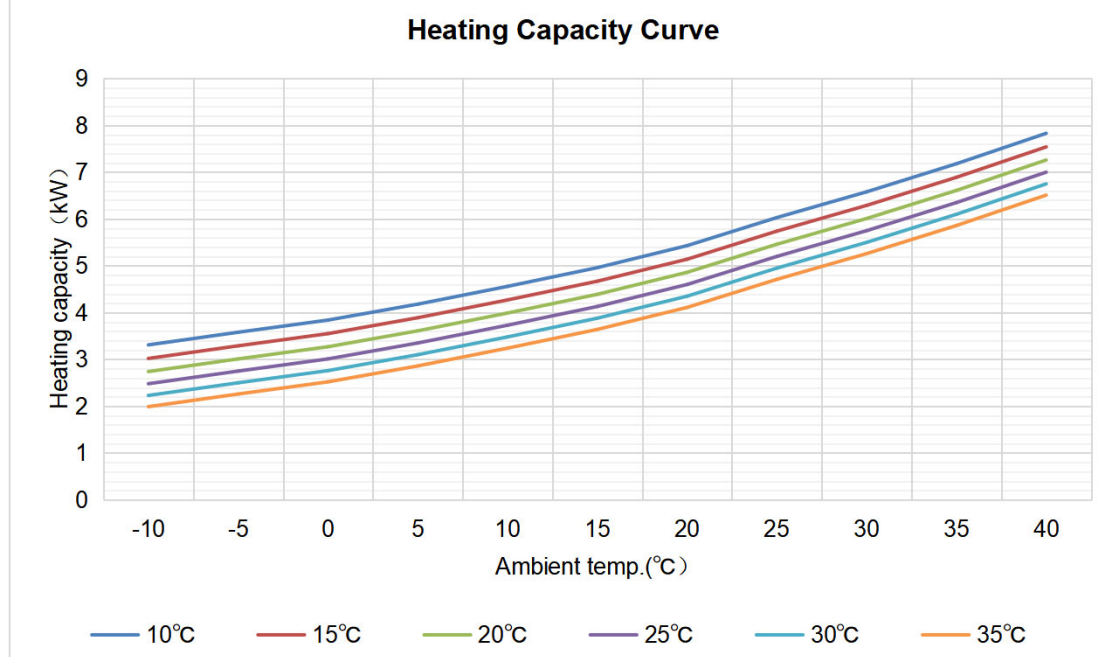
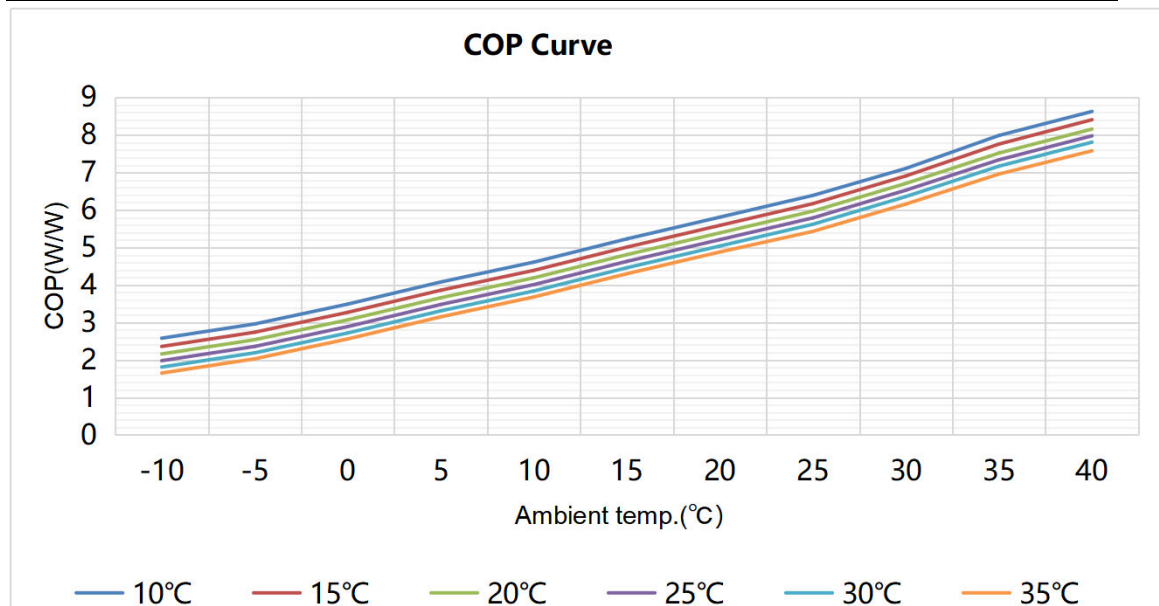


50SPR4INV

Heating Capacity (kW)											
90Hz	Ambient temp.(℃)										
Water inlet temp.(℃)	-10	-5	0	5	10	15	20	25	30	35	40
10℃	3.31	3.58	3.84	4.18	4.56	4.96	5.43	6.03	6.58	7.18	7.83
15℃	3.02	3.29	3.55	3.89	4.27	4.67	5.14	5.74	6.29	6.89	7.54
20℃	2.74	3.01	3.27	3.61	3.99	4.39	4.86	5.46	6.01	6.61	7.26
25℃	2.48	2.75	3.01	3.35	3.73	4.13	4.60	5.20	5.75	6.35	7.00
30℃	2.23	2.50	2.76	3.10	3.48	3.88	4.35	4.95	5.50	6.10	6.75
35℃	1.99	2.26	2.52	2.86	3.24	3.64	4.11	4.71	5.26	5.86	6.51



COP (W/W)											
90Hz	Ambient temp.(℃)										
Water inlet temp.(℃)	-10	-5	0	5	10	15	20	25	30	35	40
10℃	2.58	2.96	3.49	4.08	4.61	5.23	5.81	6.39	7.11	7.99	8.63
15℃	2.36	2.74	3.27	3.86	4.39	5.01	5.59	6.17	6.91	7.76	8.41
20℃	2.16	2.54	3.07	3.66	4.19	4.81	5.39	5.97	6.71	7.52	8.16
25℃	1.98	2.36	2.89	3.48	4.01	4.63	5.21	5.79	6.53	7.34	7.98
30℃	1.81	2.19	2.72	3.31	3.84	4.46	5.04	5.62	6.36	7.17	7.81
35℃	1.65	2.03	2.56	3.15	3.68	4.3	4.88	5.43	6.16	6.96	7.58

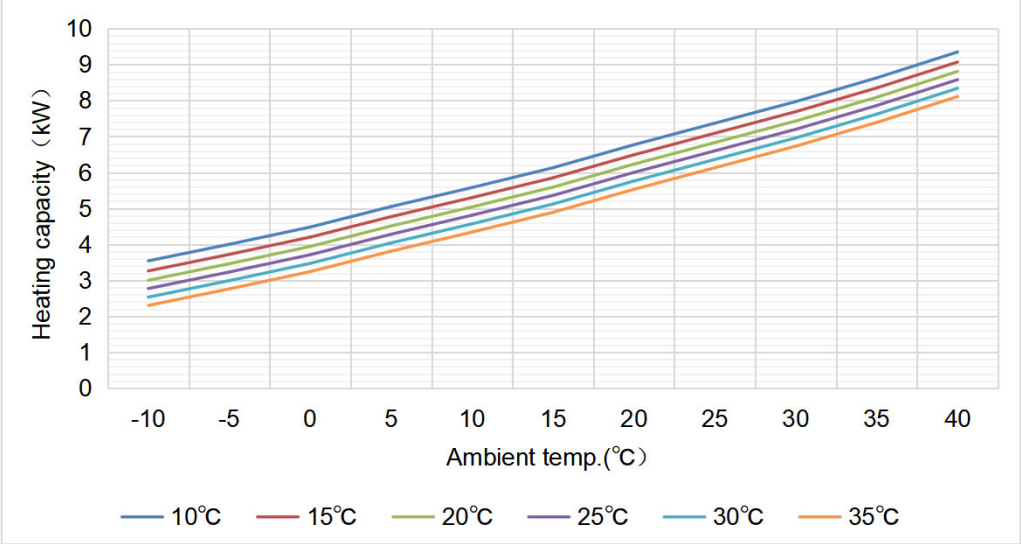


70SPR4INV

Heating Capacity (kW)

90Hz		Ambient temp.(℃)										
Water inlet temp.(℃)		-10	-5	0	5	10	15	20	25	30	35	40
10℃		3.54	4.00	4.48	5.05	5.58	6.13	6.77	7.37	7.97	8.63	9.35
15℃		3.26	3.72	4.20	4.77	5.30	5.85	6.49	7.09	7.69	8.35	9.07
20℃		3.00	3.46	3.94	4.51	5.04	5.59	6.23	6.83	7.43	8.09	8.81
25℃		2.77	3.23	3.71	4.28	4.81	5.36	6.00	6.60	7.20	7.86	8.58
30℃		2.53	2.99	3.47	4.04	4.57	5.12	5.76	6.36	6.96	7.62	8.34
35℃		2.30	2.76	3.24	3.81	4.34	4.89	5.53	6.13	6.73	7.39	8.11

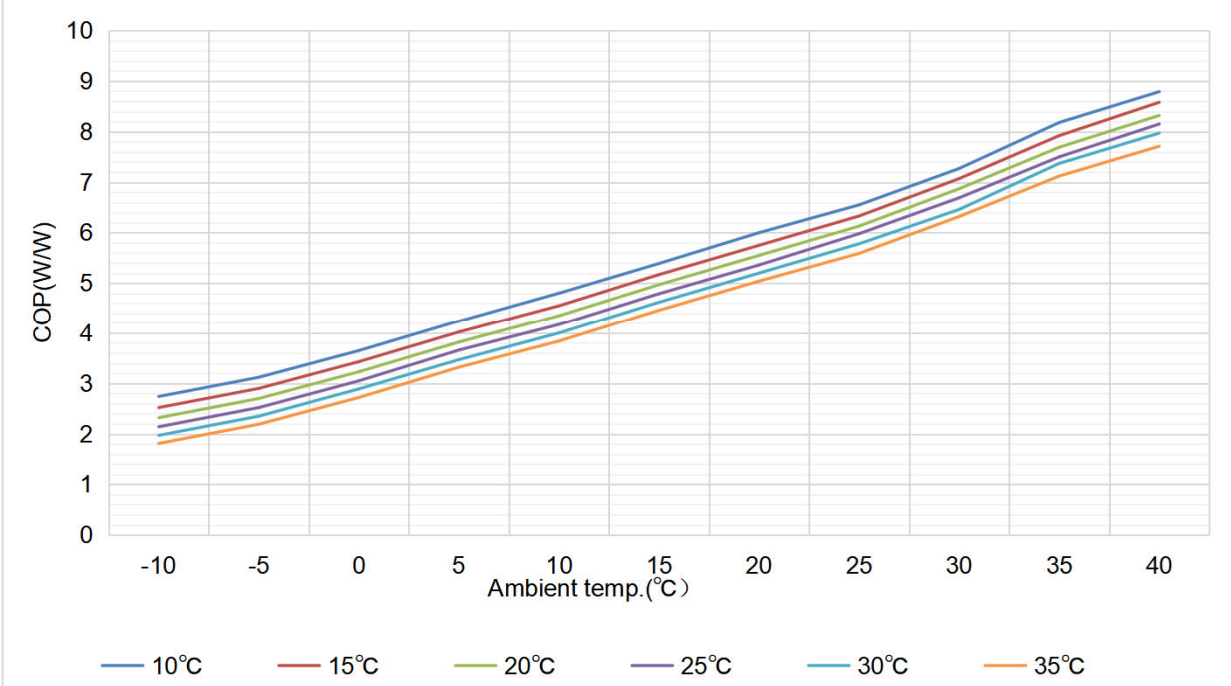
Heating Capacity Curve



COP (W/W)

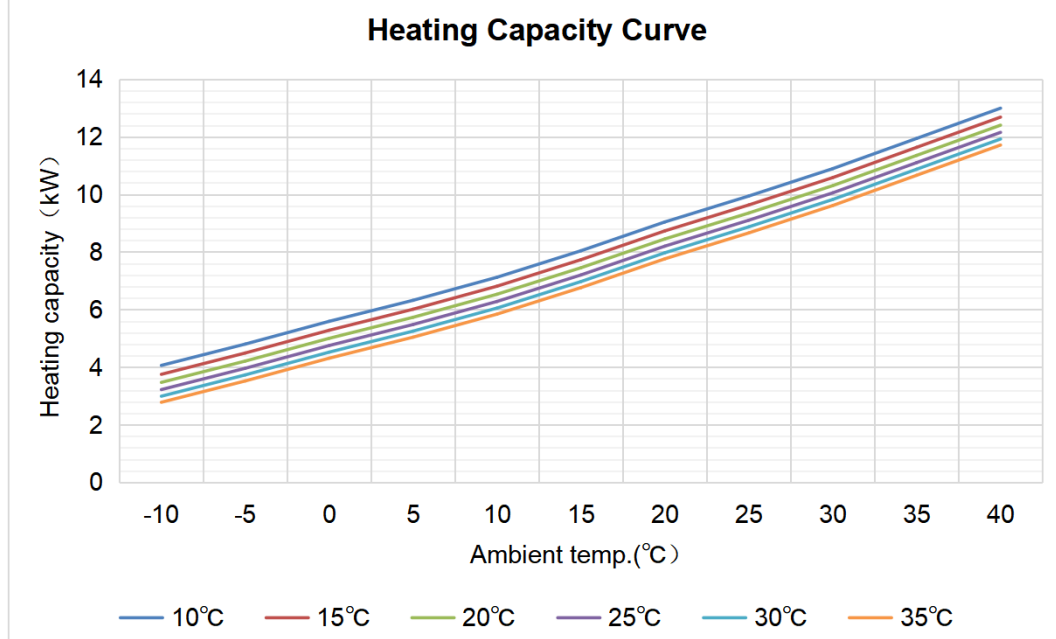
90Hz	Ambient temp.(°C)											
Water inlet temp.(°C)	-10	-5	0	5	10	15	20	25	30	35	40	
10℃	2.74	3.12	3.65	4.24	4.80	5.39	6.00	6.55	7.27	8.18	8.79	
15℃	2.52	2.90	3.43	4.02	4.55	5.17	5.75	6.33	7.07	7.92	8.58	
20℃	2.32	2.70	3.23	3.82	4.35	4.97	5.55	6.13	6.87	7.69	8.32	
25℃	2.14	2.52	3.05	3.66	4.17	4.79	5.36	5.98	6.69	7.50	8.15	
30℃	1.97	2.35	2.89	3.47	4.00	4.62	5.20	5.78	6.46	7.37	7.97	
35℃	1.81	2.19	2.72	3.32	3.84	4.46	5.04	5.59	6.32	7.12	7.71	

COP Curve

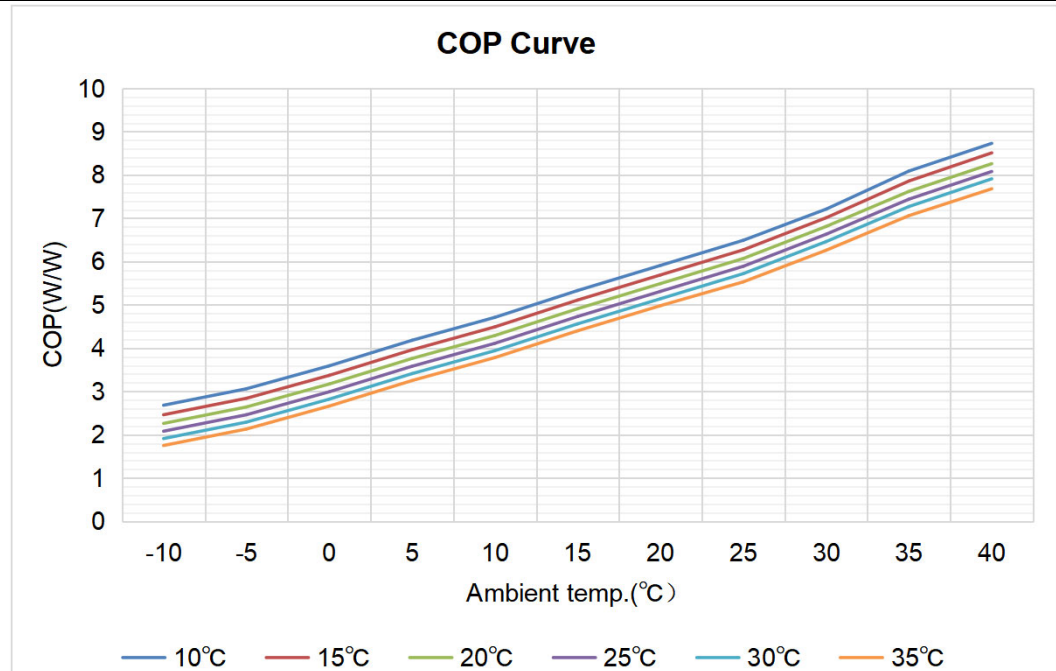


90SPR4INV

		Heating Capacity (kW)										
		Ambient temp.(°C)										
90Hz	Water inlet temp.(°C)	-10	-5	0	5	10	15	20	25	30	35	40
	10°C	4.06	4.80	5.59	6.32	7.12	8.04	9.04	9.94	10.89	11.94	12.99
	15°C	3.75	4.49	5.28	6.01	6.81	7.73	8.73	9.63	10.58	11.63	12.68
	20°C	3.47	4.21	5.00	5.73	6.53	7.45	8.45	9.35	10.30	11.35	12.40
	25°C	3.22	3.96	4.75	5.48	6.28	7.2	8.2	9.1	10.05	11.1	12.15
	30°C	2.99	3.73	4.52	5.25	6.05	6.97	7.97	8.87	9.82	10.87	11.92
	35°C	2.78	3.52	4.31	5.04	5.84	6.76	7.76	8.66	9.61	10.66	11.71

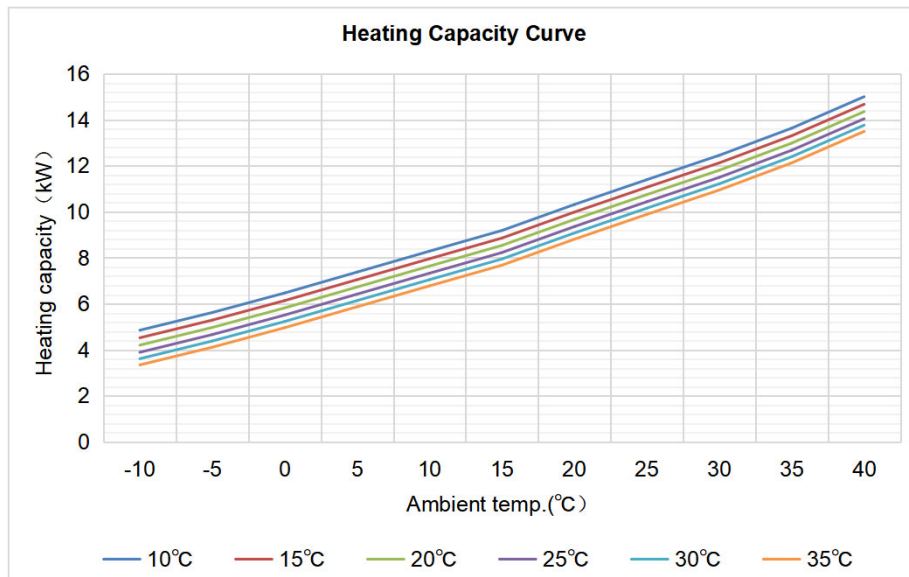


		COP (W/W)										
		Ambient temp.(°C)										
90Hz	Water inlet temp.(°C)	-10	-5	0	5	10	15	20	25	30	35	40
	10°C	2.68	3.06	3.59	4.18	4.71	5.33	5.91	6.49	7.21	8.09	8.73
	15°C	2.46	2.84	3.37	3.96	4.49	5.11	5.69	6.27	7.01	7.86	8.51
	20°C	2.26	2.64	3.17	3.76	4.29	4.91	5.49	6.07	6.81	7.62	8.26
	25°C	2.08	2.46	2.99	3.58	4.11	4.73	5.31	5.89	6.63	7.44	8.08
	30°C	1.91	2.29	2.82	3.41	3.94	4.56	5.14	5.72	6.46	7.27	7.91
	35°C	1.75	2.13	2.66	3.25	3.78	4.40	4.98	5.53	6.26	7.06	7.68

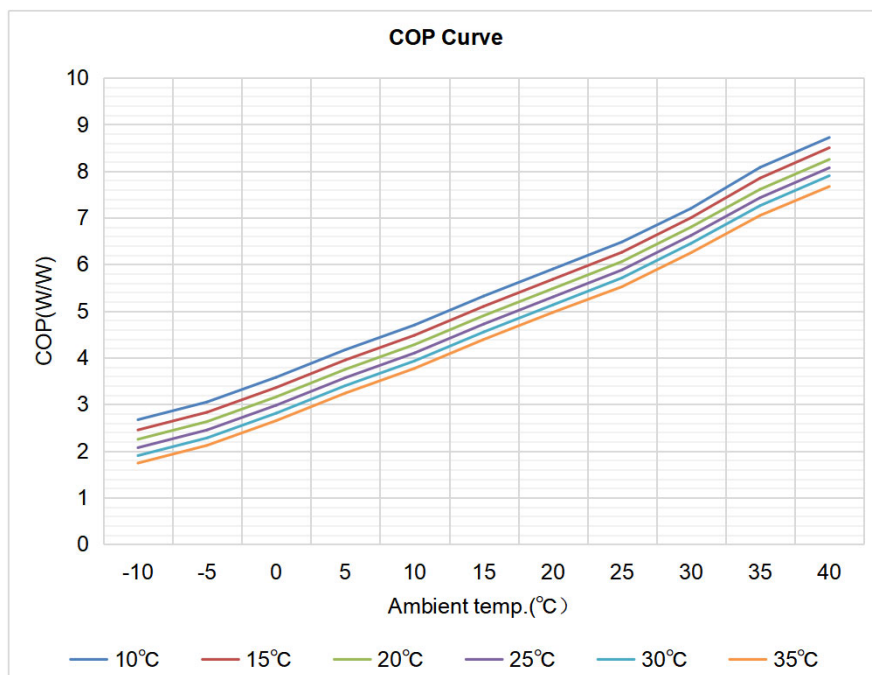


110SPR4INV

Heating Capacity (kW)											
90Hz											
Ambient temp.(°C)											
Water inlet temp.(°C)	-10	-5	0	5	10	15	20	25	30	35	40
10°C	4.85	5.62	6.47	7.38	8.29	9.19	10.32	11.40	12.46	13.64	15.01
15°C	4.52	5.29	6.14	7.05	7.96	8.86	9.99	11.07	12.13	13.31	14.68
20°C	4.20	4.97	5.82	6.73	7.64	8.54	9.67	10.75	11.81	12.99	14.36
25°C	3.89	4.66	5.51	6.42	7.33	8.23	9.36	10.44	11.50	12.68	14.05
30°C	3.61	4.38	5.23	6.14	7.05	7.95	9.08	10.16	11.22	12.40	13.77
35°C	3.34	4.11	4.96	5.87	6.78	7.68	8.81	9.89	10.95	12.13	13.50

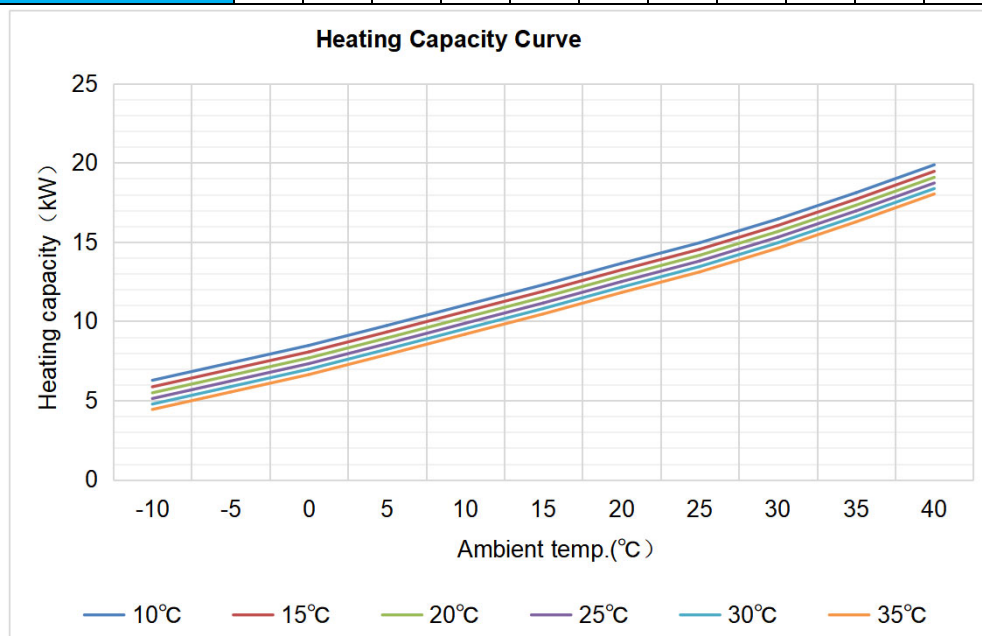


COP (W/W)											
90Hz											
Ambient temp.(°C)											
Water inlet temp.(°C)	-10	-5	0	5	10	15	20	25	30	35	40
10°C	2.67	3.05	3.58	4.17	4.70	5.32	5.90	6.48	7.20	8.08	8.72
15°C	2.45	2.83	3.36	3.95	4.48	5.10	5.68	6.26	7.00	7.85	8.50
20°C	2.25	2.63	3.16	3.75	4.28	4.90	5.48	6.06	6.80	7.61	8.25
25°C	2.07	2.45	2.98	3.57	4.10	4.72	5.30	5.88	6.62	7.43	8.07
30°C	1.90	2.28	2.81	3.40	3.93	4.55	5.13	5.71	6.45	7.26	7.90
35°C	1.74	2.12	2.65	3.24	3.77	4.39	4.97	5.52	6.25	7.05	7.67

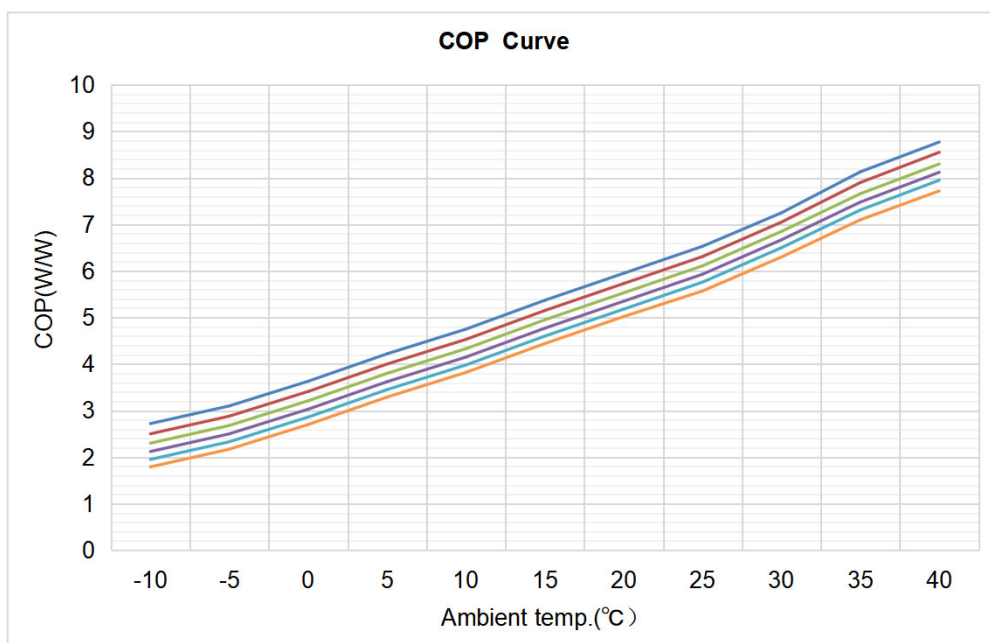


150SPR4INV

		Heating Capacity (kW)										
		Ambient temp.(°C)										
90Hz	Water inlet temp.(°C)	-10	-5	0	5	10	15	20	25	30	35	40
	10°C	6.27	7.37	8.47	9.73	11.02	12.30	13.65	14.95	16.45	18.11	19.87
	15°C	5.86	6.96	8.06	9.32	10.61	11.89	13.24	14.54	16.04	17.70	19.46
	20°C	5.48	6.58	7.68	8.94	10.23	11.51	12.86	14.16	15.66	17.32	19.08
	25°C	5.12	6.22	7.32	8.58	9.87	11.15	12.50	13.80	15.30	16.96	18.72
	30°C	4.77	5.87	6.97	8.23	9.52	10.80	12.15	13.45	14.95	16.61	18.37
	35°C	4.43	5.53	6.63	7.89	9.18	10.46	11.81	13.11	14.61	16.27	18.03



		COP (W/W)										
		Ambient temp.(°C)										
90Hz	Water inlet temp.(°C)	-10	-5	0	5	10	15	20	25	30	35	40
	10°C	2.72	3.10	3.63	4.22	4.75	5.37	5.95	6.53	7.25	8.13	8.77
	15°C	2.50	2.88	3.41	4.00	4.53	5.15	5.73	6.31	7.05	7.90	8.55
	20°C	2.30	2.68	3.21	3.80	4.33	4.95	5.53	6.11	6.85	7.66	8.30
	25°C	2.12	2.50	3.03	3.62	4.15	4.77	5.35	5.93	6.67	7.48	8.12
	30°C	1.95	2.33	2.86	3.45	3.98	4.60	5.18	5.76	6.50	7.31	7.95
	35°C	1.79	2.17	2.70	3.29	3.82	4.44	5.02	5.57	6.30	7.10	7.72

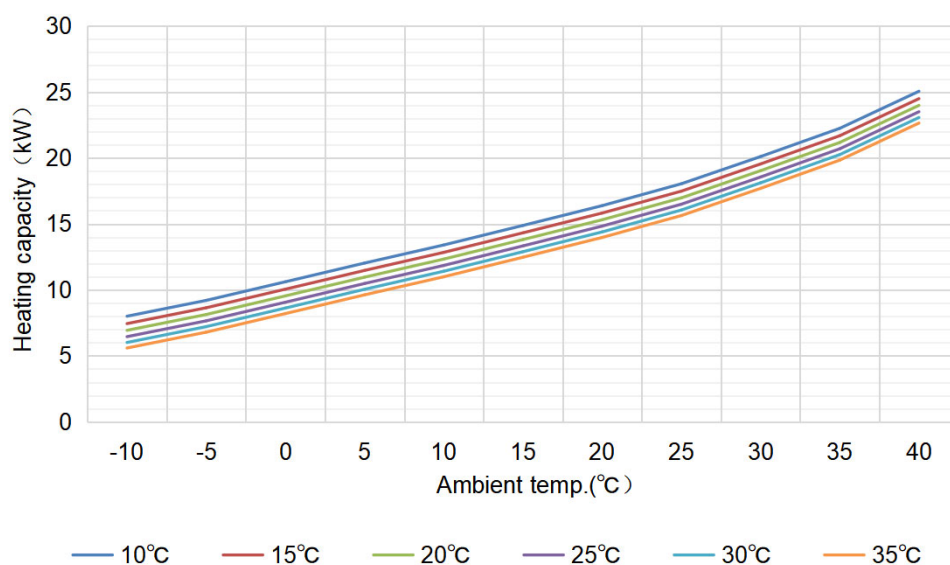


180SPR4INV

Heating Capacity (kW)

90Hz Water inlet temp.(°C)	Ambient temp.(°C)										
	-10	-5	0	5	10	15	20	25	30	35	40
10°C	8.00	9.20	10.61	12.03	13.40	14.88	16.38	18.04	20.10	22.24	25.05
15°C	7.44	8.64	10.05	11.47	12.84	14.32	15.82	17.48	19.54	21.68	24.49
20°C	6.93	8.13	9.54	10.96	12.33	13.81	15.31	16.97	19.03	21.17	23.98
25°C	6.45	7.65	9.06	10.48	11.85	13.33	14.83	16.49	18.55	20.69	23.50
30°C	6.01	7.21	8.62	10.04	11.41	12.89	14.39	16.05	18.11	20.25	23.06
35°C	5.59	6.79	8.20	9.62	10.99	12.47	13.97	15.63	17.69	19.83	22.64

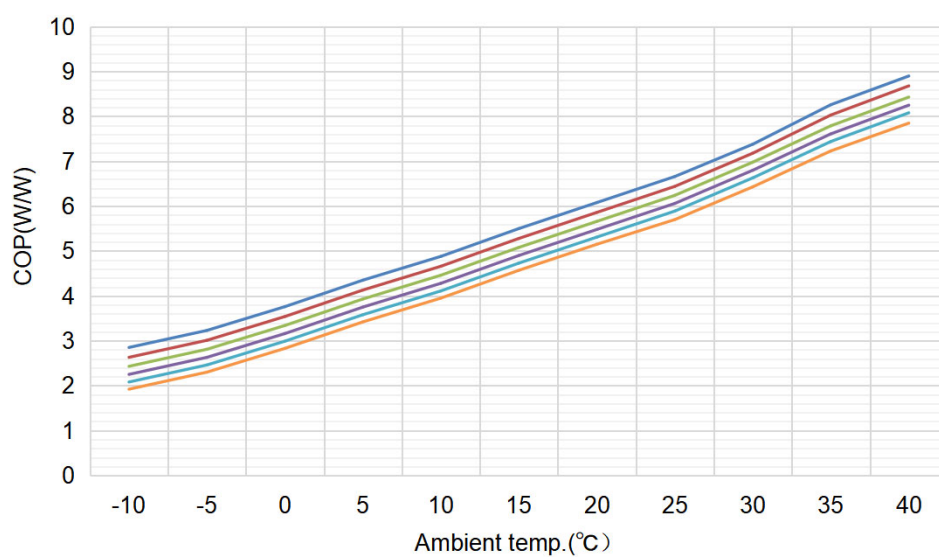
Heating Capacity Curve



COP (W/W)

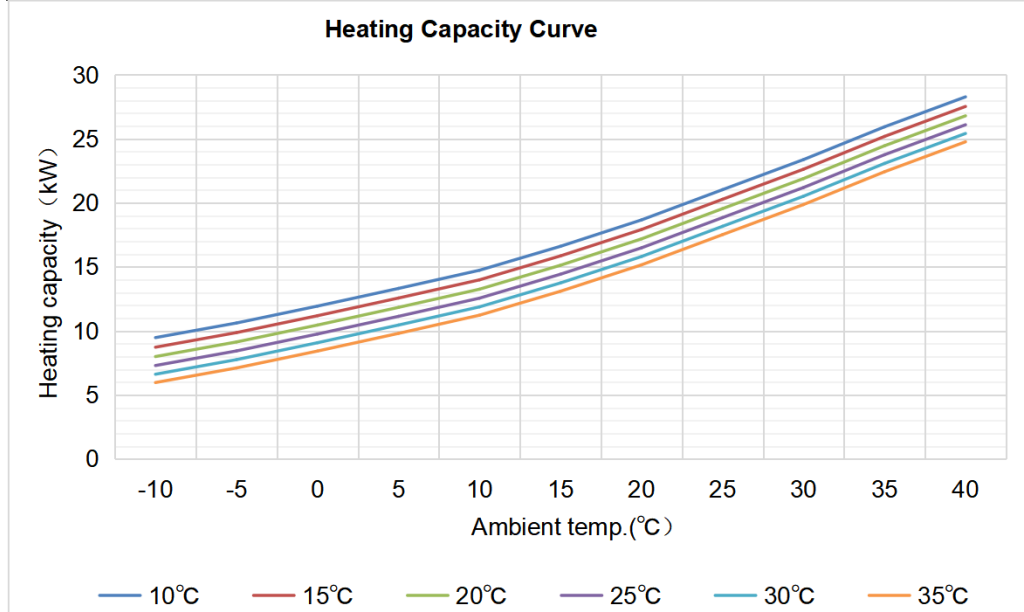
90Hz Water inlet temp.(°C)	Ambient temp.(°C)										
	-10	-5	0	5	10	15	20	25	30	35	40
10°C	2.85	3.23	3.76	4.35	4.88	5.50	6.08	6.66	7.38	8.26	8.90
15°C	2.63	3.01	3.54	4.13	4.66	5.28	5.86	6.44	7.18	8.03	8.68
20°C	2.43	2.81	3.34	3.93	4.46	5.08	5.66	6.24	6.98	7.79	8.43
25°C	2.25	2.63	3.16	3.75	4.28	4.90	5.48	6.06	6.80	7.61	8.25
30°C	2.08	2.46	2.99	3.58	4.11	4.73	5.31	5.89	6.63	7.44	8.08
35°C	1.92	2.30	2.83	3.42	3.95	4.57	5.15	5.70	6.43	7.23	7.85

COP Curve

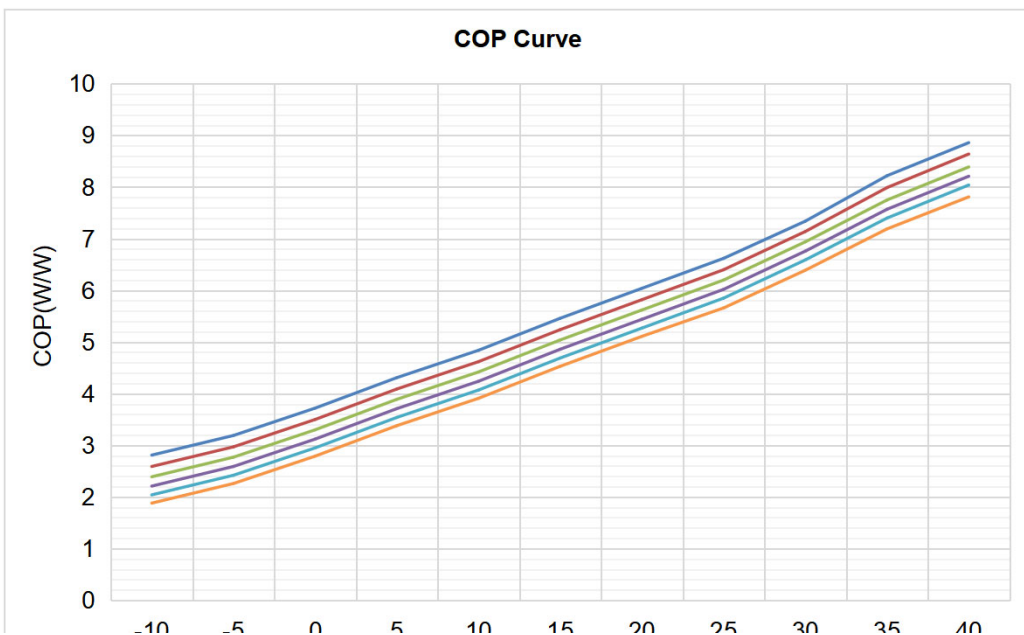


210SPR4TINV

		Heating Capacity (kW)										
		Ambient temp.(°C)										
90Hz	Water inlet temp.(°C)	-10	-5	0	5	10	15	20	25	30	35	40
	10°C	9.48	10.62	11.94	13.32	14.74	16.61	18.67	21.03	23.38	25.94	28.28
	15°C	8.73	9.87	11.19	12.57	13.99	15.86	17.92	20.28	22.63	25.19	27.53
	20°C	8.00	9.14	10.46	11.84	13.26	15.13	17.19	19.55	21.90	24.46	26.80
	25°C	7.30	8.44	9.76	11.14	12.56	14.43	16.49	18.85	21.20	23.76	26.10
	30°C	6.62	7.76	9.08	10.46	11.88	13.75	15.81	18.17	20.52	23.08	25.42
	35°C	5.97	7.11	8.43	9.81	11.23	13.10	15.16	17.52	19.87	22.43	24.77

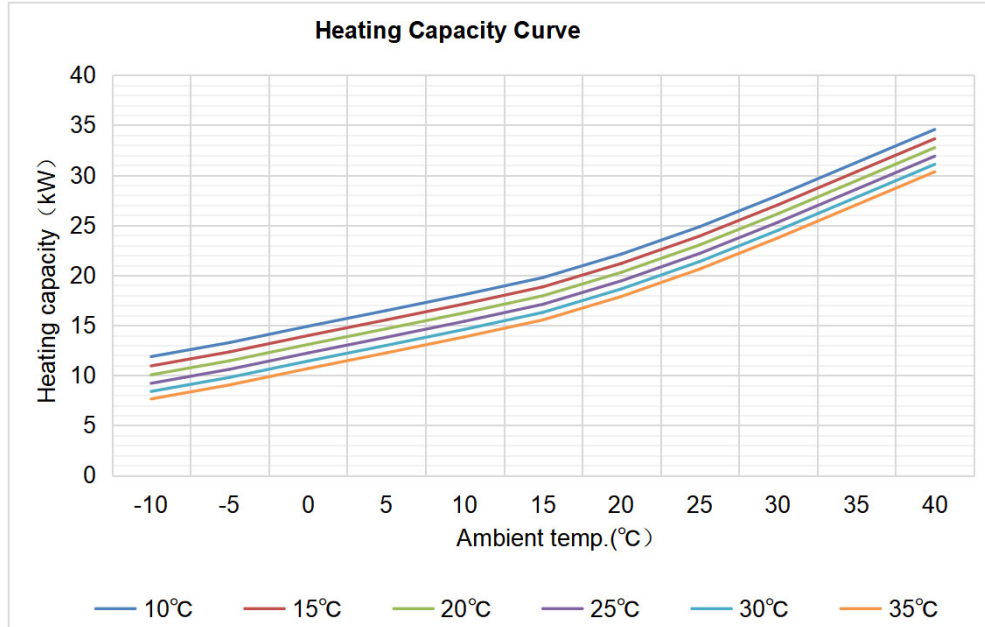


		COP (W/W)										
		Ambient temp.(°C)										
90Hz	Water inlet temp.(°C)	-10	-5	0	5	10	15	20	25	30	35	40
	10°C	2.81	3.19	3.72	4.31	4.84	5.46	6.04	6.62	7.34	8.22	8.86
	15°C	2.59	2.97	3.50	4.09	4.62	5.24	5.82	6.40	7.14	7.99	8.64
	20°C	2.39	2.77	3.30	3.89	4.42	5.04	5.62	6.20	6.94	7.75	8.39
	25°C	2.21	2.59	3.12	3.71	4.24	4.86	5.44	6.02	6.76	7.57	8.21
	30°C	2.04	2.42	2.95	3.54	4.07	4.69	5.27	5.85	6.59	7.40	8.04
	35°C	1.88	2.26	2.79	3.38	3.91	4.53	5.11	5.66	6.39	7.19	7.81

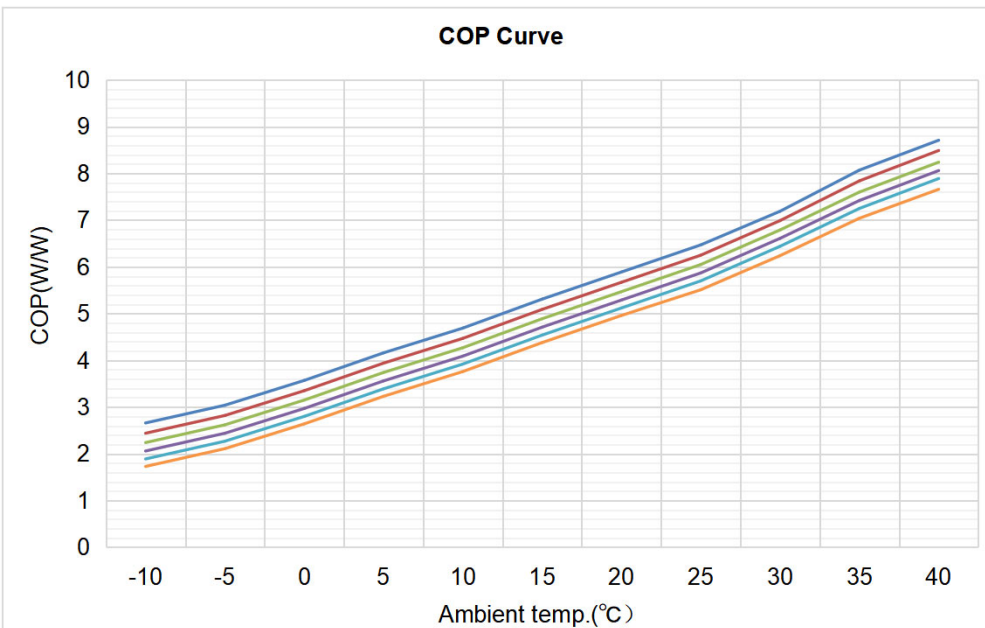


250SPR4TINV

		Heating Capacity (kW)										
		Ambient temp.(°C)										
90Hz	Water inlet temp.(°C)	-10	-5	0	5	10	15	20	25	30	35	40
	10°C	11.87	13.27	14.90	16.47	18.07	19.77	22.11	24.85	27.97	31.27	34.57
	15°C	10.94	12.34	13.97	15.54	17.14	18.84	21.18	23.92	27.04	30.34	33.64
	20°C	10.05	11.45	13.08	14.65	16.25	17.95	20.29	23.03	26.15	29.45	32.75
	25°C	9.20	10.60	12.23	13.80	15.40	17.10	19.44	22.18	25.30	28.60	31.90
	30°C	8.39	9.79	11.42	12.99	14.59	16.29	18.63	21.37	24.49	27.79	31.09
	35°C	7.64	9.04	10.67	12.24	13.84	15.54	17.88	20.62	23.74	27.04	30.34

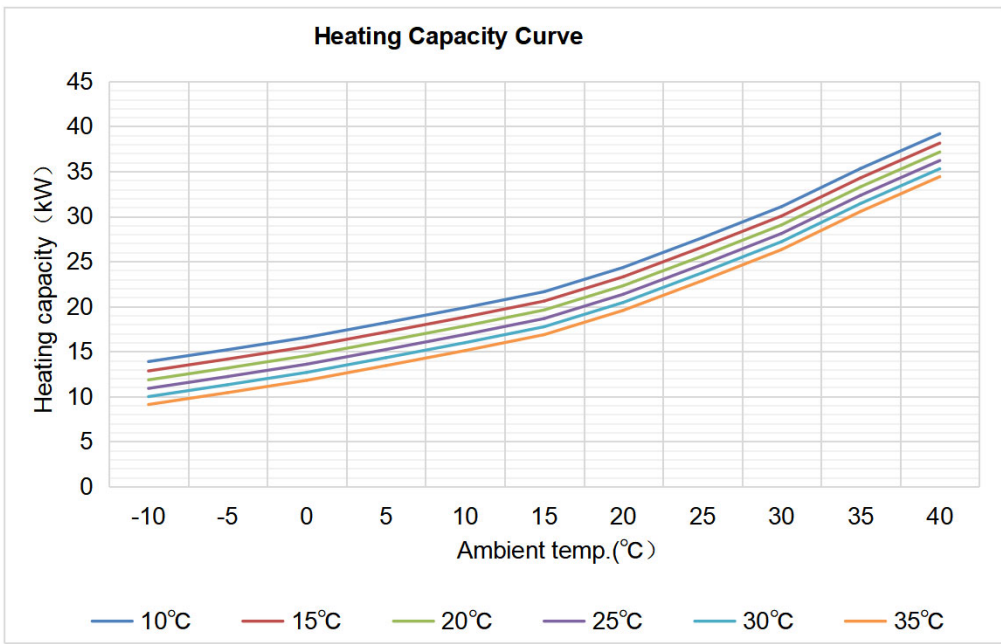


		COP (W/W)										
		Ambient temp.(°C)										
90Hz	Water inlet temp.(°C)	-10	-5	0	5	10	15	20	25	30	35	40
	10°C	2.66	3.04	3.57	4.16	4.69	5.31	5.89	6.47	7.19	8.07	8.71
	15°C	2.44	2.82	3.35	3.94	4.47	5.09	5.67	6.25	6.99	7.84	8.49
	20°C	2.24	2.62	3.15	3.74	4.27	4.89	5.47	6.05	6.79	7.60	8.24
	25°C	2.06	2.44	2.97	3.56	4.09	4.71	5.29	5.87	6.61	7.42	8.06
	30°C	1.89	2.27	2.80	3.39	3.92	4.54	5.12	5.70	6.44	7.25	7.89
	35°C	1.73	2.11	2.64	3.23	3.76	4.38	4.96	5.51	6.24	7.04	7.66



280SPR4TINV

		Heating Capacity (kW)										
90Hz		Ambient temp.(°C)										
Water inlet temp.(°C)		-10	-5	0	5	10	15	20	25	30	35	40
10℃		13.87	15.19	16.56	18.19	19.86	21.63	24.33	27.63	31.08	35.32	39.18
15℃		12.83	14.15	15.52	17.15	18.82	20.59	23.29	26.59	30.04	34.28	38.14
20℃		11.84	13.16	14.53	16.16	17.83	19.60	22.30	25.60	29.05	33.29	37.15
25℃		10.89	12.21	13.58	15.21	16.88	18.65	21.35	24.65	28.10	32.34	36.20
30℃		9.98	11.30	12.67	14.30	15.97	17.74	20.44	23.74	27.19	31.43	35.29
35℃		9.10	10.42	11.79	13.42	15.09	16.86	19.56	22.86	26.31	30.55	34.41



		COP (W/W)										
90Hz		Ambient temp.(°C)										
Water inlet temp.(°C)		-10	-5	0	5	10	15	20	25	30	35	40
10°C		2.79	3.17	3.70	4.29	4.82	5.44	6.02	6.60	7.32	8.20	8.84
15°C		2.57	2.95	3.48	4.07	4.60	5.22	5.80	6.38	7.12	7.97	8.62
20°C		2.37	2.75	3.28	3.87	4.40	5.02	5.60	6.18	6.92	7.73	8.37
25°C		2.19	2.57	3.10	3.69	4.22	4.84	5.42	6.00	6.74	7.55	8.19
30°C		2.02	2.40	2.93	3.52	4.05	4.67	5.25	5.83	6.57	7.38	8.02
35°C		1.86	2.24	2.77	3.36	3.89	4.51	5.09	5.64	6.37	7.17	7.79

