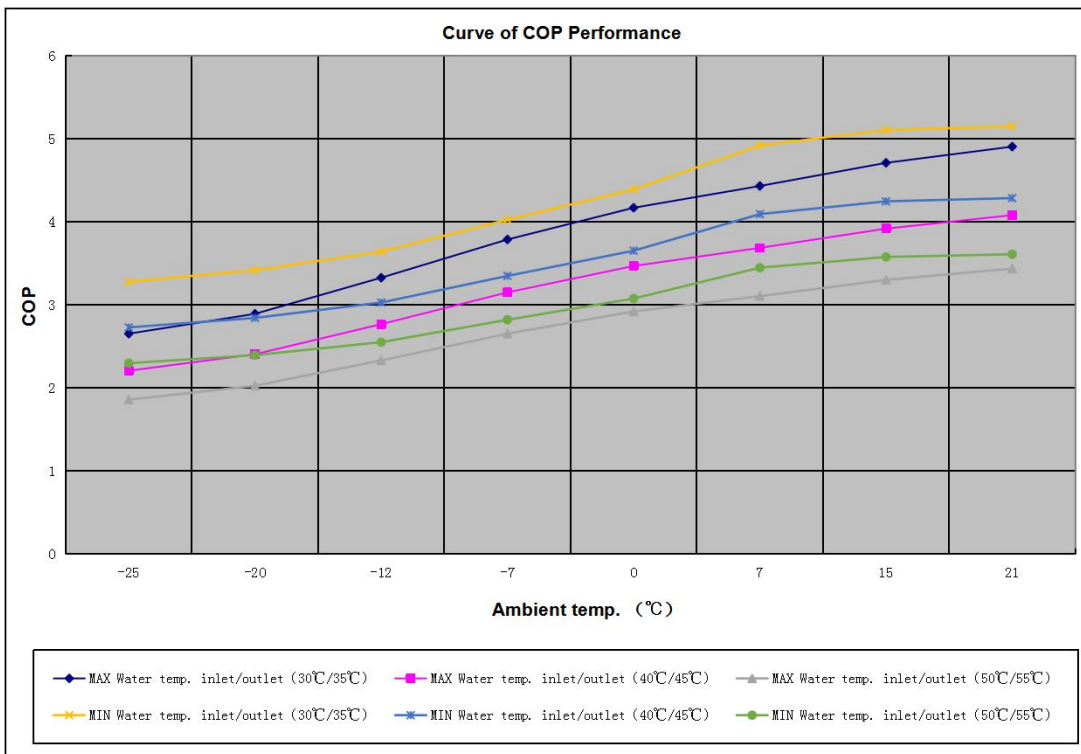
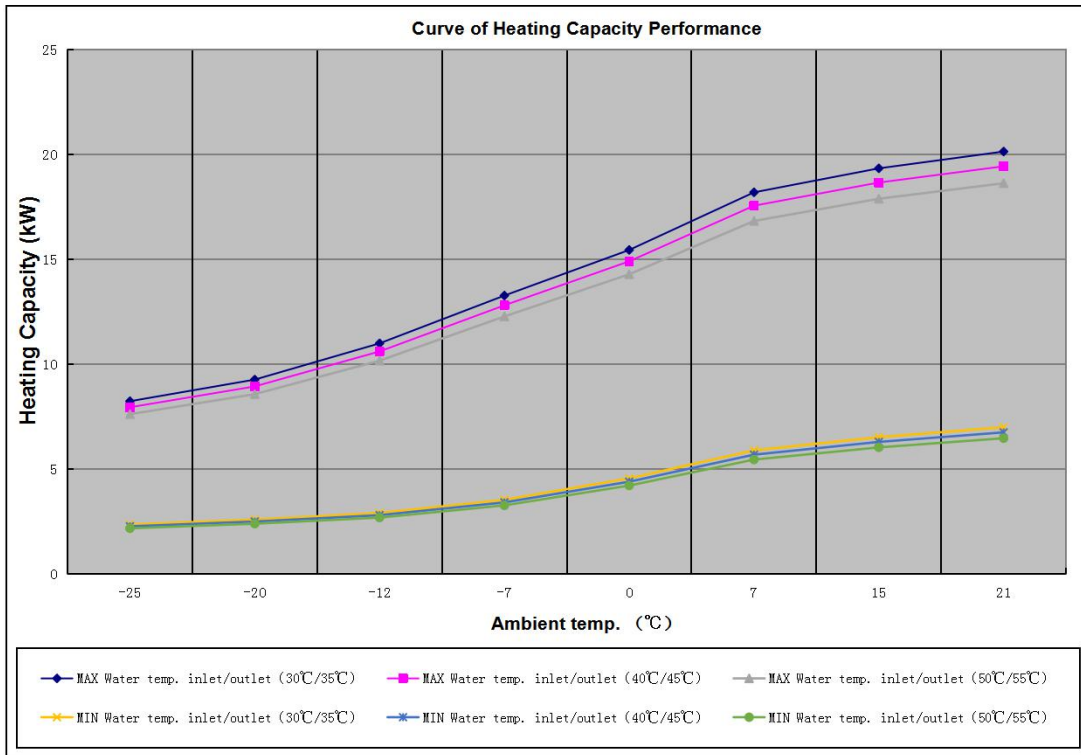


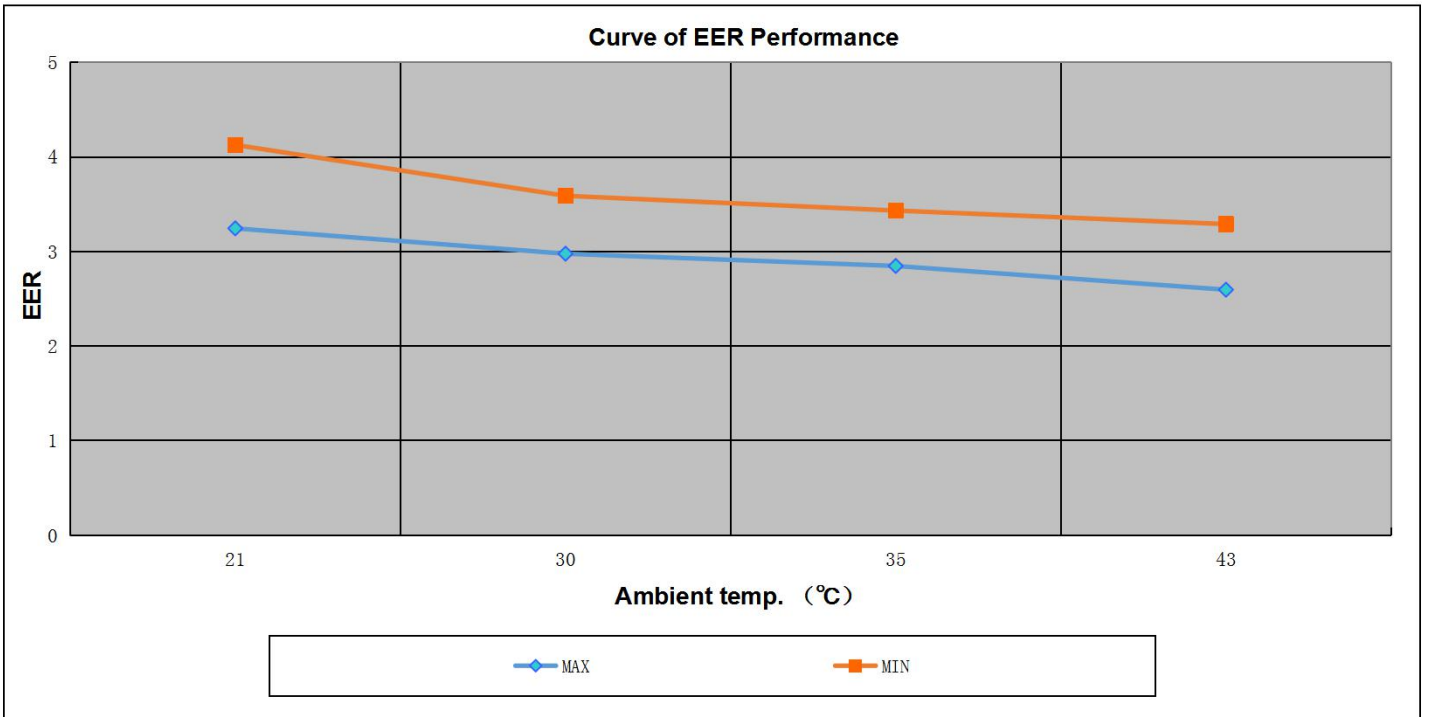
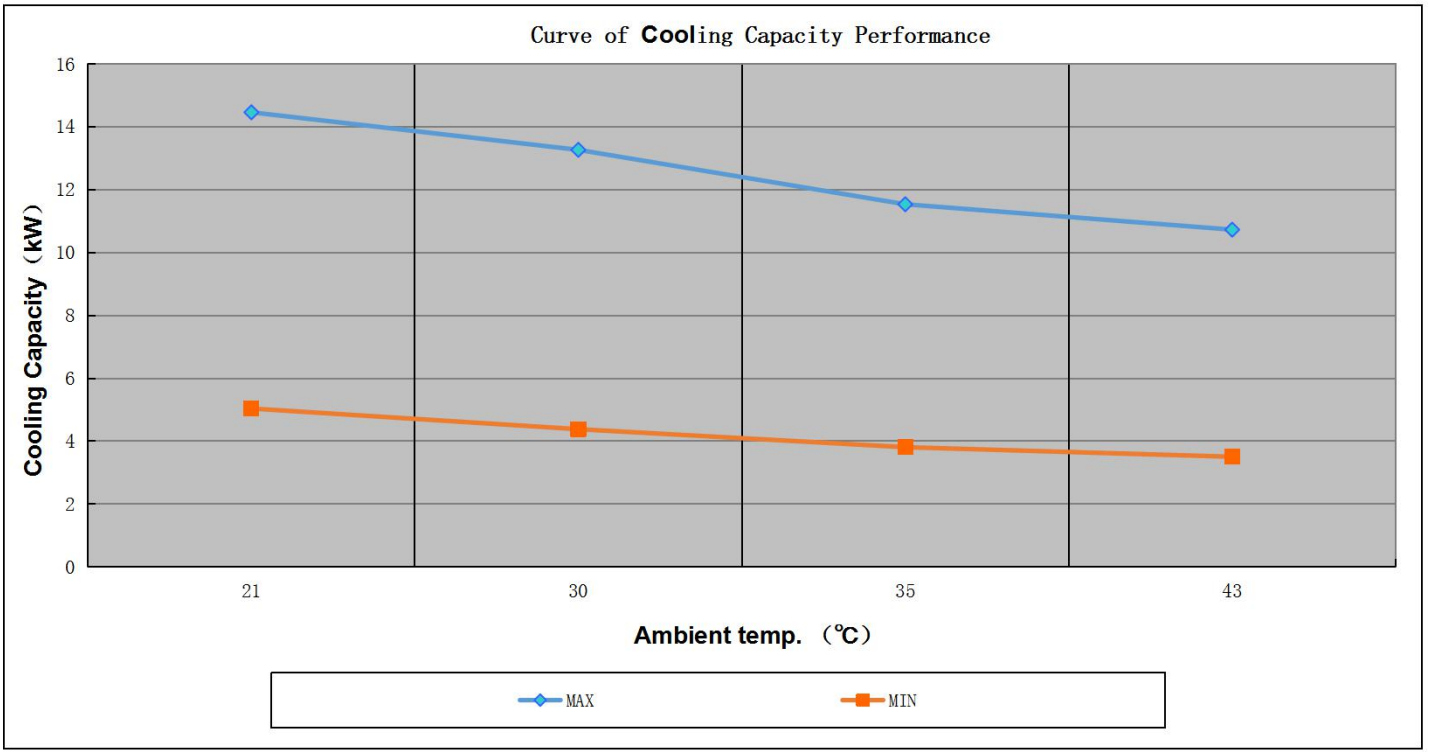
PW050-DKZLRS-A For heating

MAX	MAX Water temp. inlet/outlet (30°C /35°C)	Heating Capacity (kW)	8.2	9.3	11.0	13.3	15.5	18.2	19.3	20.1
		Input power (kW)	3.1	3.2	3.3	3.5	3.7	4.1	4.1	4.1
		COP	2.65	2.89	3.33	3.78	4.17	4.43	4.71	4.90
MIN	MIN Water temp. inlet/outlet (30°C /35°C)	Heating Capacity (kW)	2.4	2.6	2.9	3.5	4.6	5.9	6.5	7.0
		Input power (kW)	0.72	0.76	0.80	0.88	1.04	1.20	1.28	1.36
		COP	3.28	3.42	3.64	4.02	4.39	4.92	5.10	5.15
MAX	MAX Water temp. inlet/outlet (40°C /45°C)	Heating Capacity (kW)	8.0	8.9	10.6	12.8	14.9	17.6	18.7	19.4
		Input power (kW)	3.6	3.7	3.8	4.1	4.3	4.8	4.8	4.8
		COP	2.21	2.40	2.77	3.15	3.47	3.68	3.92	4.08
MIN	MIN Water temp. inlet/outlet (40°C /45°C)	Heating Capacity (kW)	2.3	2.5	2.8	3.4	4.4	5.7	6.3	6.8
		Input power (kW)	0.84	0.88	0.93	1.02	1.21	1.39	1.48	1.58
		COP	2.73	2.84	3.03	3.35	3.65	4.09	4.24	4.28
MAX	MAX Water temp. inlet/outlet (50°C /55°C)	Heating Capacity (kW)	7.6	8.6	10.2	12.3	14.3	16.8	17.9	18.6
		Input power (kW)	4.1	4.2	4.4	4.6	4.9	5.4	5.4	5.4
		COP	1.86	2.03	2.33	2.65	2.92	3.10	3.30	3.43
MIN	MIN Water temp. inlet/outlet (50°C /55°C)	Heating Capacity (kW)	2.2	2.4	2.7	3.3	4.2	5.5	6.0	6.5
		Input power (kW)	0.95	1.00	1.06	1.16	1.37	1.58	1.69	1.80
		COP	2.30	2.39	2.55	2.82	3.07	3.45	3.57	3.61
Ambient temp. (°C)			-25	-20	-12	-7	0	7	15	21



PW050-DKZLRS-A For cooling

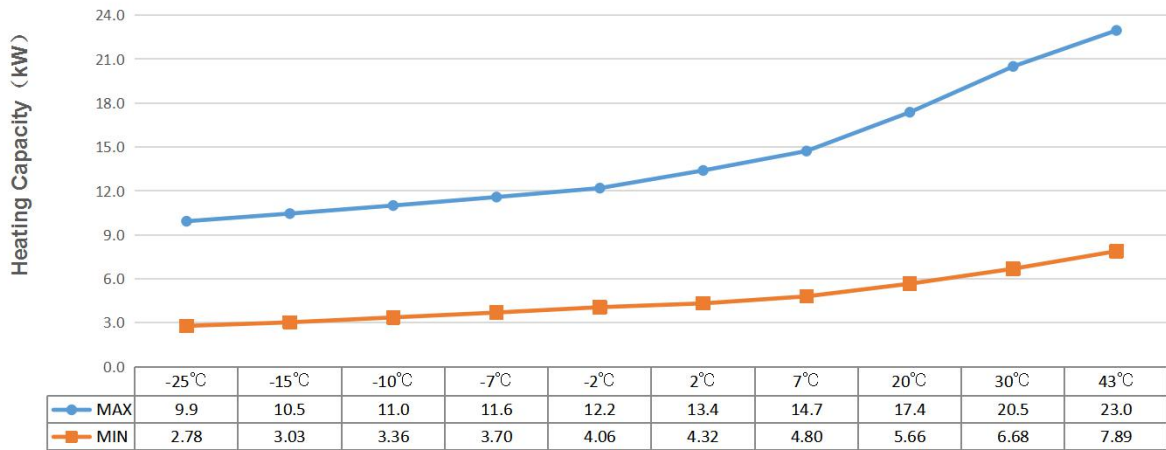
MAX	Cooling Capacity (kW)	14.5	13.3	11.5	10.7
	Input power (kW)	4.5	4.5	4.1	4.1
	EER	3.24	2.98	2.85	2.60
MIN	Cooling Capacity (kW)	5.0	4.4	3.8	3.5
	Input power (kW)	1.2	1.2	1.1	1.1
	EER	4.13	3.59	3.43	3.29
Ambient temp. (°C)		21	30	35	43



PW050-DKZLRS-A For DHW

Heating Capacity (kW)	MAX	9.9	10.5	11.0	11.6	12.2	13.4	14.7	17.4	20.5	23.0
	MIN	2.78	3.03	3.36	3.70	4.06	4.32	4.80	5.66	6.68	7.89
Input power (kW)	MAX	5.3	5.2	5.1	5.1	5.0	4.6	4.6	5.2	5.8	6.5
	MIN	0.95	0.94	0.95	0.97	1.03	1.10	1.17	1.30	1.44	1.60
COP	MIN	2.92	3.21	3.53	3.80	3.93	3.93	4.10	4.36	4.64	4.93
	MAX	1.86	2.02	2.15	2.29	2.43	2.88	3.20	3.37	3.55	3.55
Ambient temp. (°C)		-25°C	-15°C	-10°C	-7°C	-2°C	2°C	7°C	20°C	30°C	43°C

Curve of DHW Capacity Performance



Curve of COP Performance

