

# AquaForte Swimmingpool Heatpumps

Performance Charts AquaForte Heatpumps

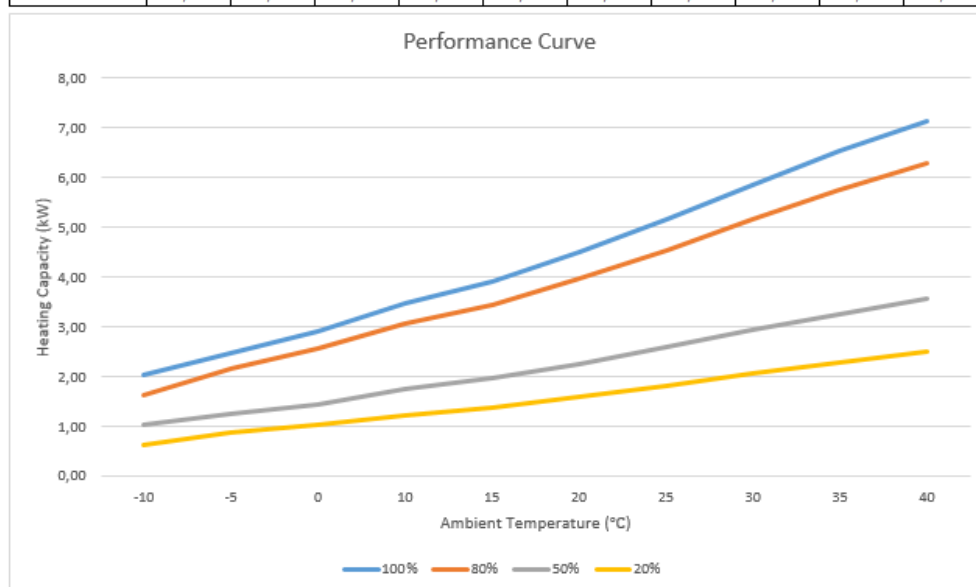


## **SC980 AquaForte full inverter heat pump 5,5kW (50SP)**

### **Heating capacity:**

Water inlet/outlet temp. 26°C/28°C

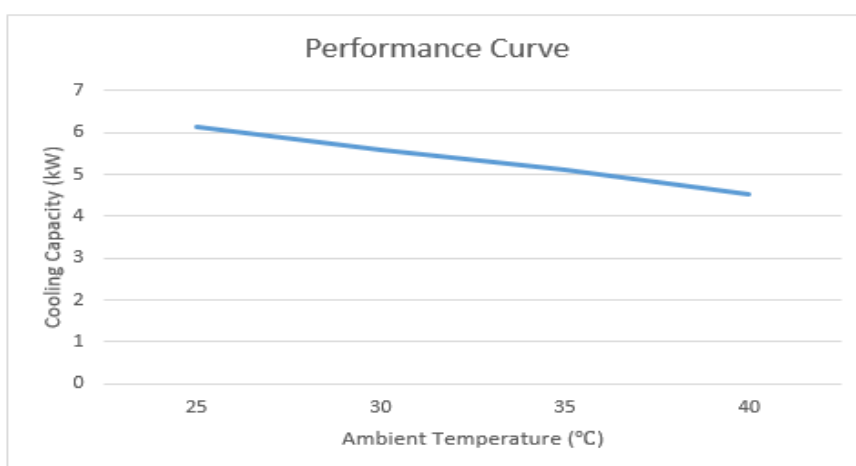
Load	-10	-5	0	10	15	20	25	30	35	40
100%	2,03	2,46	2,89	3,46	3,90	4,50	5,16	5,85	6,52	7,13
80%	1,62	2,16	2,54	3,04	3,43	3,96	4,54	5,15	5,74	6,27
50%	1,02	1,23	1,45	1,73	1,95	2,25	2,58	2,93	3,26	3,57
20%	0,61	0,86	1,01	1,21	1,37	1,58	1,81	2,05	2,28	2,50



### **Cooling capacity**

Water inlet temp. 30°C

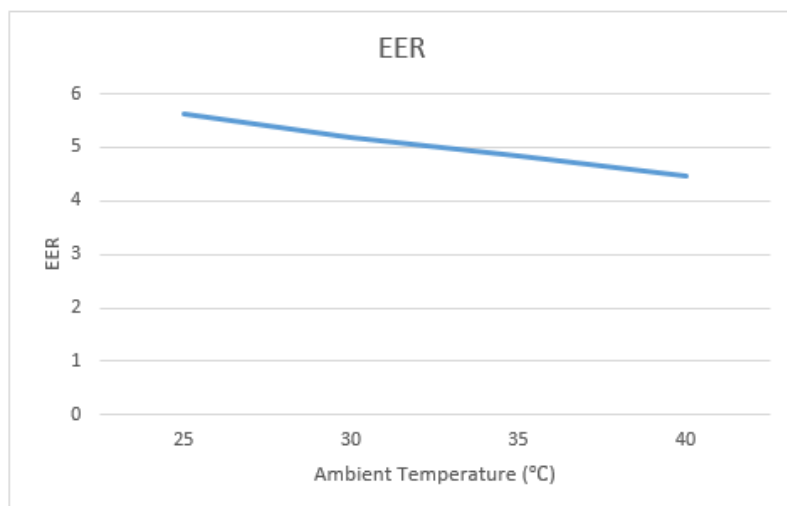
Ambient Temperature (°C)	25	30	35	40
Cooling Capacity	6,12	5,6	5,13	4,51



## EER

Water inlet temp.30℃

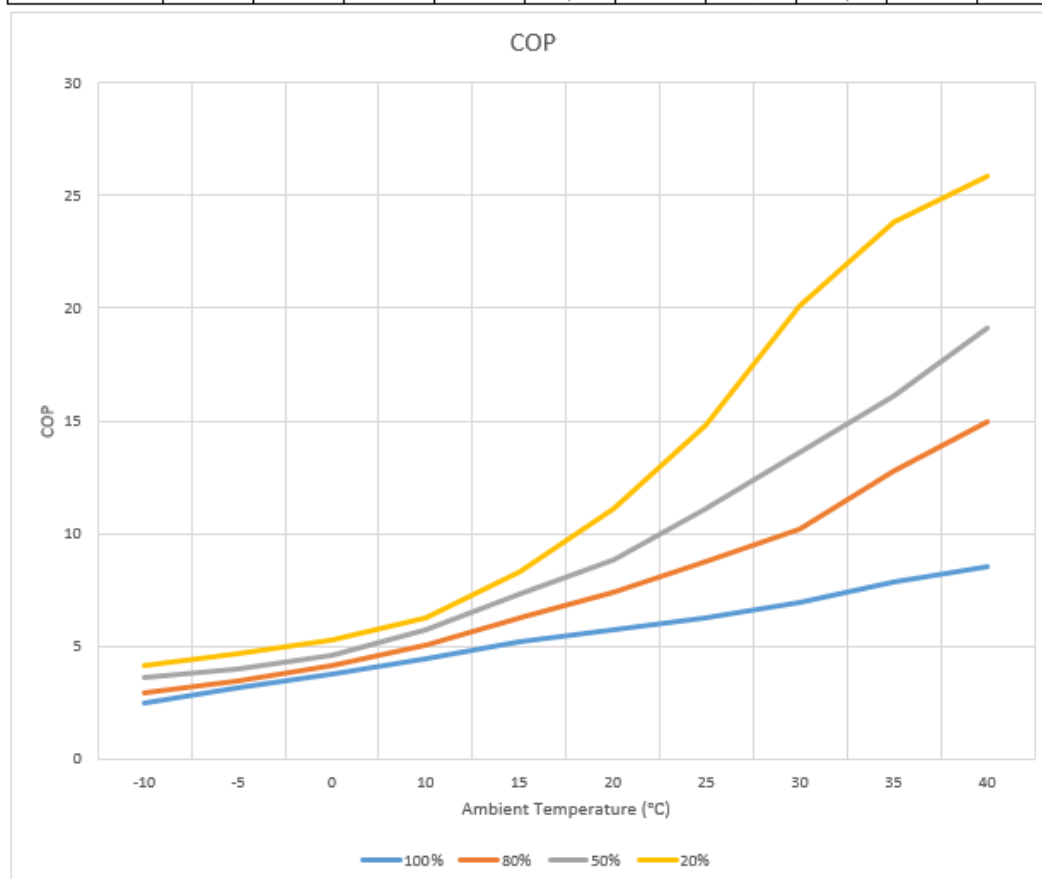
Ambient Temperature (℃)	25	30	35	40
EER	5,61	5,2	4,85	4,45



## COP:

Water inlet/outlet temp.26℃/28℃

Load	-10	-5	0	10	15	20	25	30	35	40
100%	2,5	3,13	3,76	4,45	5,2	5,7	6,22	6,9	7,85	8,51
80%	2,96	3,46	4,16	5,04	6,22	7,4	8,75	10,19	12,76	14,96
50%	3,62	4,01	4,61	5,72	7,28	8,8	11,1	13,59	16,09	19,14
20%	4,1	4,68	5,26	6,22	8,3	11,1	14,8	20,1	23,8	25,9

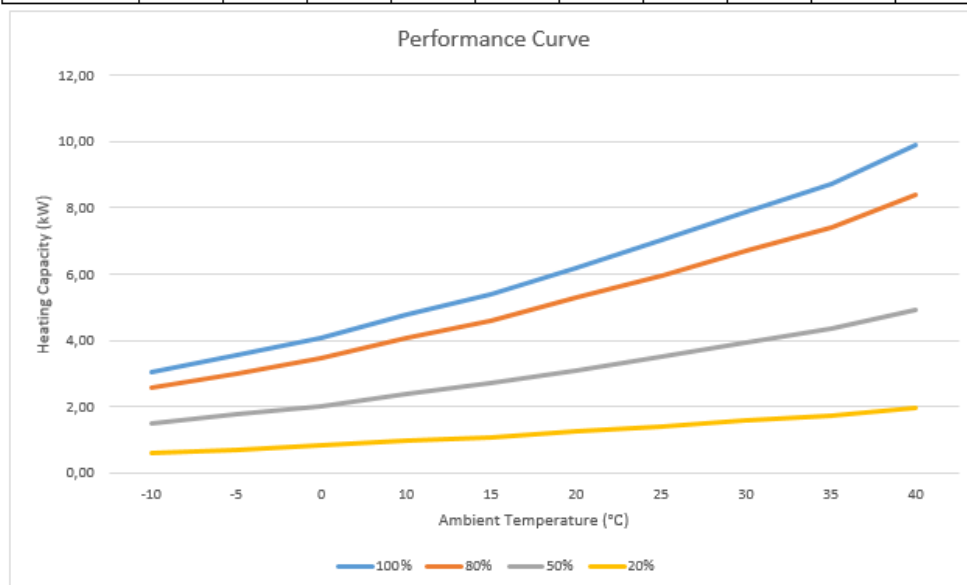


## **SC981 AquaForte full inverter heat pump 7,2kW (70SP)**

### **Heating capacity:**

Water inlet/outlet temp.26°C/28°C

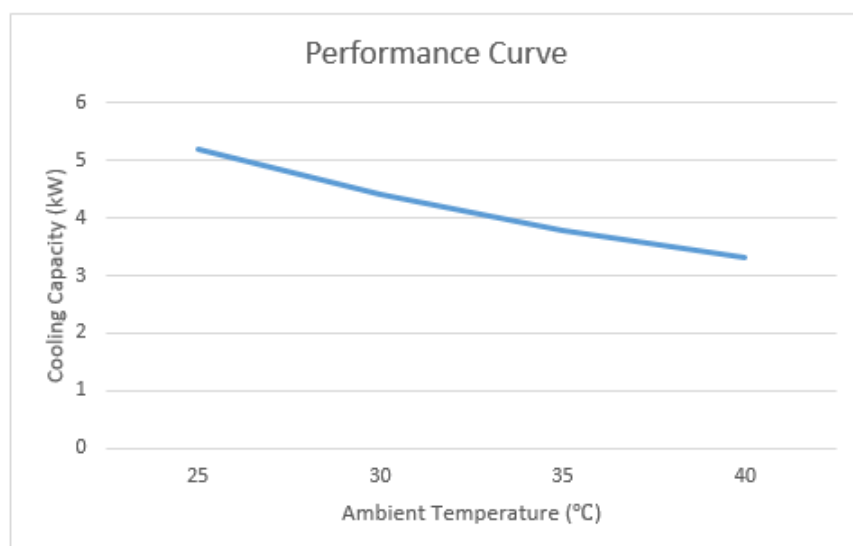
Load	-10	-5	0	10	15	20	25	30	35	40
100%	3,03	3,54	4,06	4,77	5,40	6,20	7,02	7,86	8,72	9,88
80%	2,58	3,01	3,45	4,05	4,59	5,27	5,97	6,68	7,41	8,40
50%	1,52	1,77	2,03	2,39	2,70	3,10	3,51	3,93	4,36	4,94
20%	0,61	0,71	0,81	0,95	1,08	1,24	1,40	1,57	1,74	1,98



### **Cooling capacity**

Water inlet temp.30°C

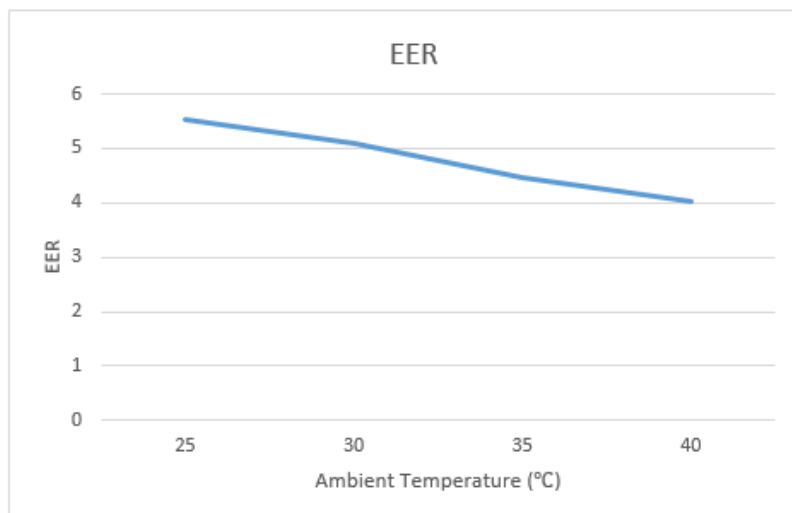
Ambient Temperature (°C)	25	30	35	40
Cooling Capacity	5,2	4,4	3,8	3,32



### EER:

Water inlet temp. 30°C

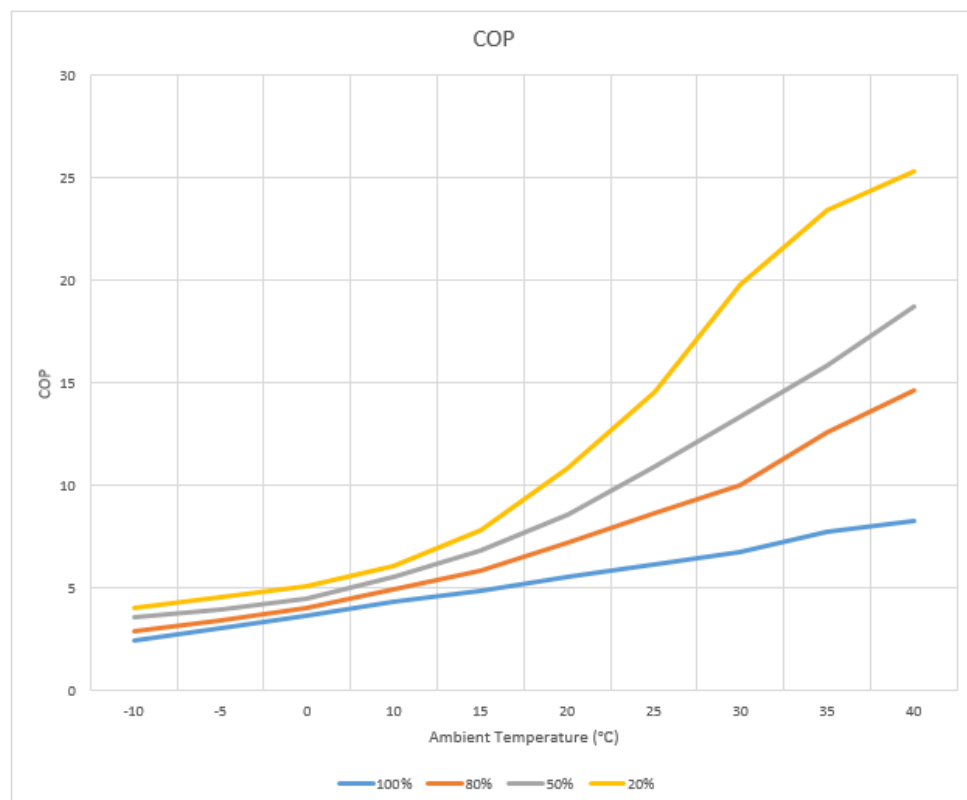
Ambient Temperature (°C)	25	30	35	40
EER	5,52	5,1	4,45	4,03



### COP:

Water inlet/outlet temp. 26°C/28°C

Load	-10	-5	0	10	15	20	25	30	35	40
100%	2,48	3,08	3,65	4,35	4,9	5,56	6,14	6,8	7,74	8,32
80%	2,94	3,40	4,04	4,93	5,86	7,22	8,64	10,04	12,58	14,63
50%	3,59	3,95	4,48	5,59	6,86	8,58	10,96	13,39	15,86	18,71
20%	4,07	4,61	5,11	6,08	7,82	10,83	14,61	19,81	23,47	25,32

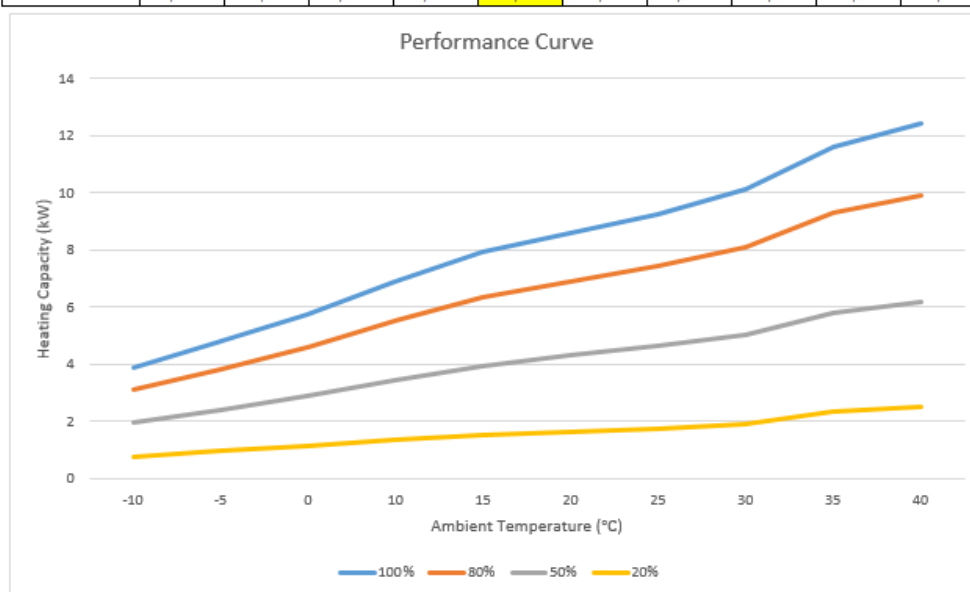


## SC982 AquaForte full inverter heat pump 9,5kW (90SP)

### Heating capacity:

Water inlet/outlet temp.26°C/28°C

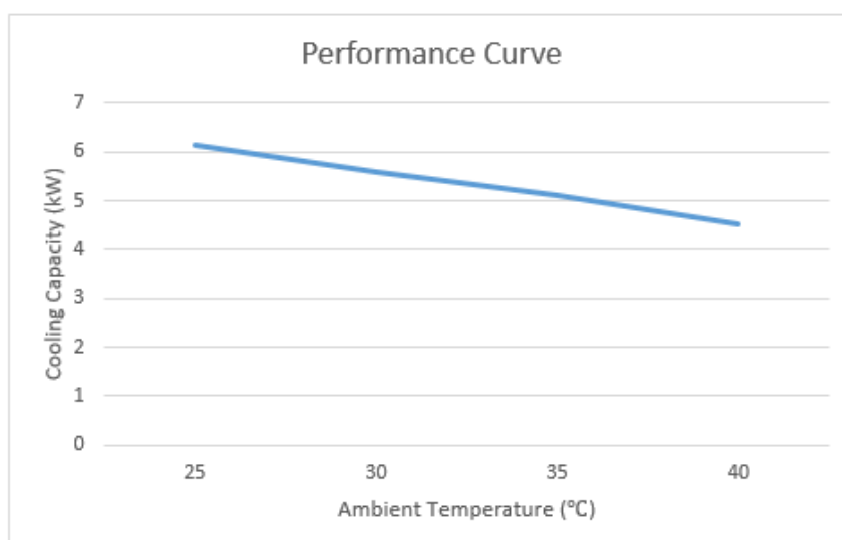
Load	-10	-5	0	10	15	20	25	30	35	40
100%	3,89	4,8	5,76	6,88	7,9	8,6	9,26	10,1	11,6	12,4
80%	3,112	3,84	4,608	5,504	6,32	6,88	7,408	8,08	9,28	9,92
50%	1,945	2,4	2,88	3,44	3,95	4,3	4,63	5,05	5,8	6,2
20%	0,778	0,96	1,152	1,376	1,51	1,62	1,752	1,91	2,32	2,48



### Cooling capacity

Water inlet temp.30°C

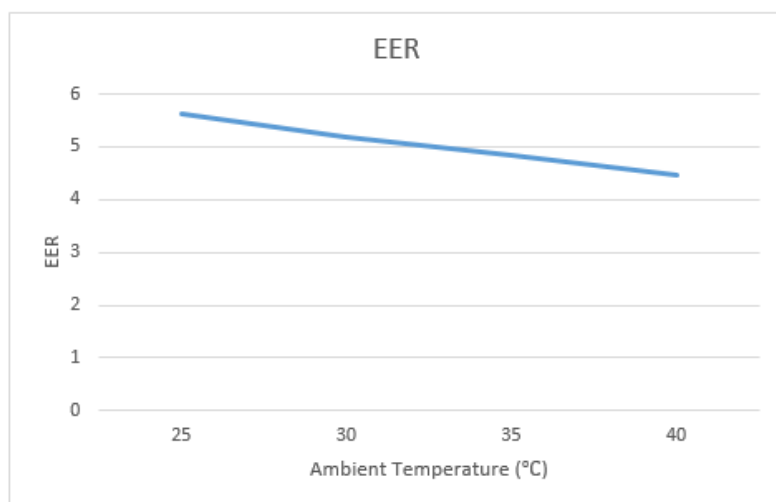
Ambient Temperature (°C)	25	30	35	40
Cooling Capacity	6,12	5,6	5,13	4,51



### EER:

Water inlet temp. 30°C

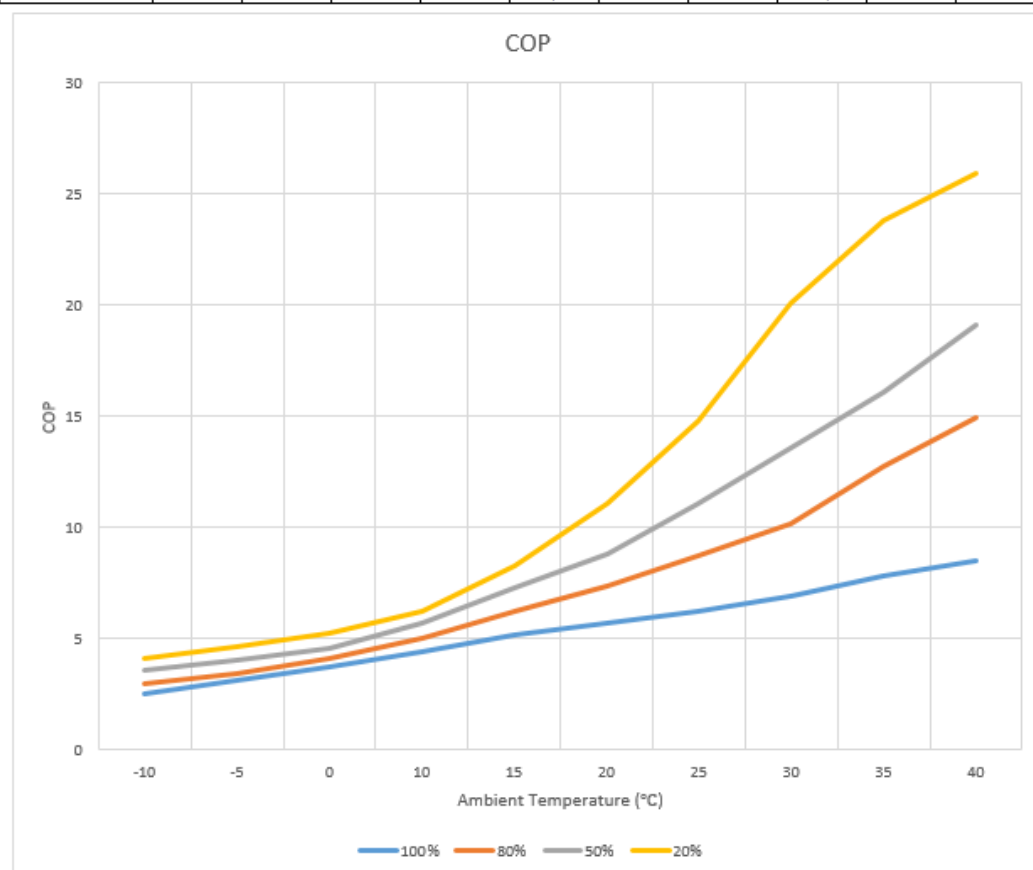
Ambient Temperature (°C)	25	30	35	40
EER	5,61	5,2	4,85	4,45



### COP:

Water inlet/outlet temp. 26°C/28°C

Load	-10	-5	0	10	15	20	25	30	35	40
100%	2,5	3,13	3,76	4,45	5,2	5,7	6,22	6,9	7,85	8,51
80%	2,96	3,46	4,16	5,04	6,22	7,4	8,75	10,19	12,76	14,96
50%	3,62	4,01	4,61	5,72	7,28	8,8	11,1	13,59	16,09	19,14
20%	4,1	4,68	5,26	6,22	8,3	11,1	14,8	20,1	23,8	25,9

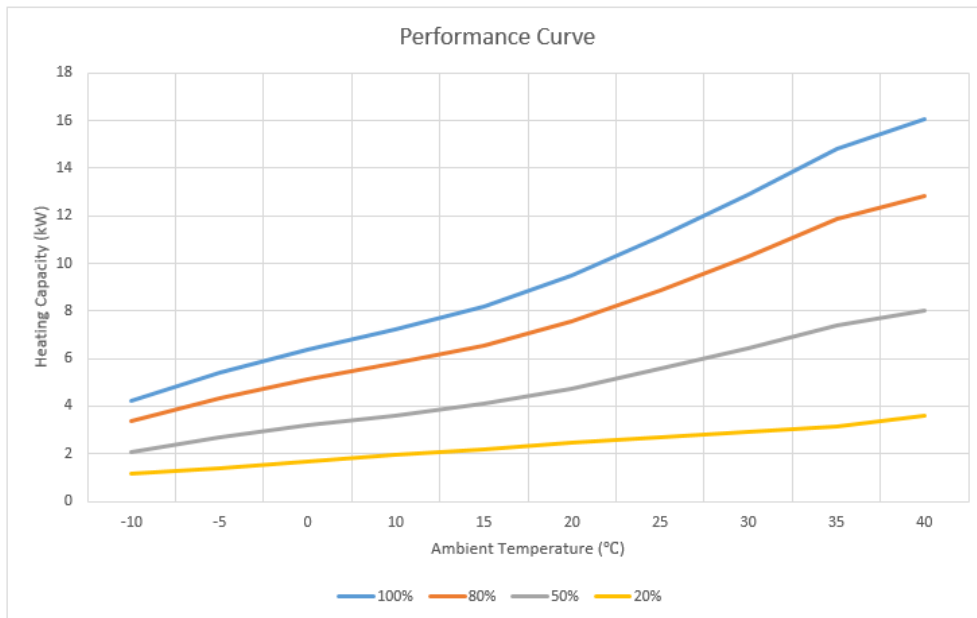


## **SC983 AquaForte full inverter heat pump 11,5kW**

### **Heating capacity:**

Water inlet/outlet temp.26°C/28°C

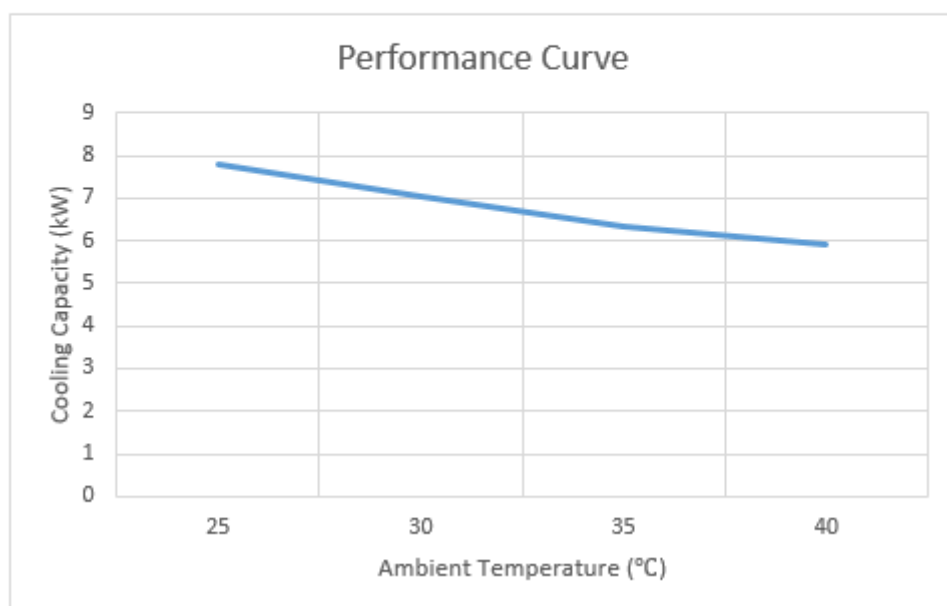
Load	-10	-5	0	10	15	20	25	30	35	40
100%	4,2	5,41	6,38	7,25	8,21	9,48	11,12	12,89	14,81	16,05
80%	3,36	4,328	5,104	5,8	6,568	7,584	8,896	10,312	11,848	12,84
50%	2,1	2,705	3,19	3,625	4,105	4,74	5,56	6,445	7,405	8,025
20%	1,18	1,39	1,68	1,96	2,2	2,48	2,7	2,9	3,15	3,6



### **Cooling capacity**

Water inlet temp.30°C

Ambient Temperature (°C)	25	30	35	40
Cooling Capacity	7,82	7,05	6,33	5,91

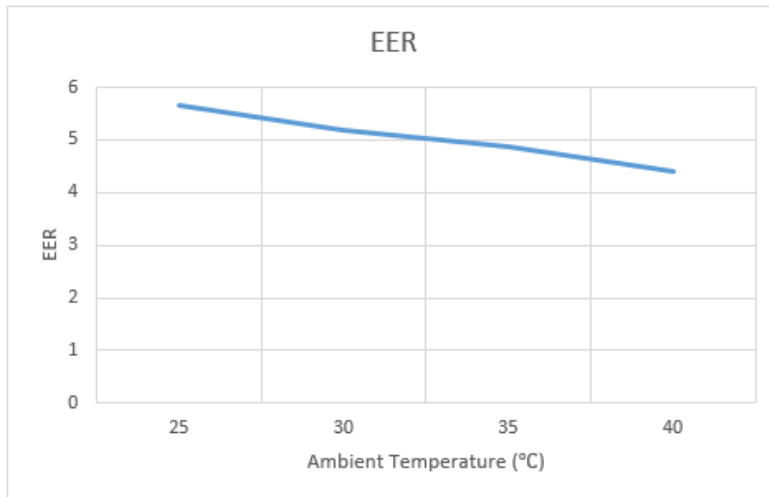




**EER:**

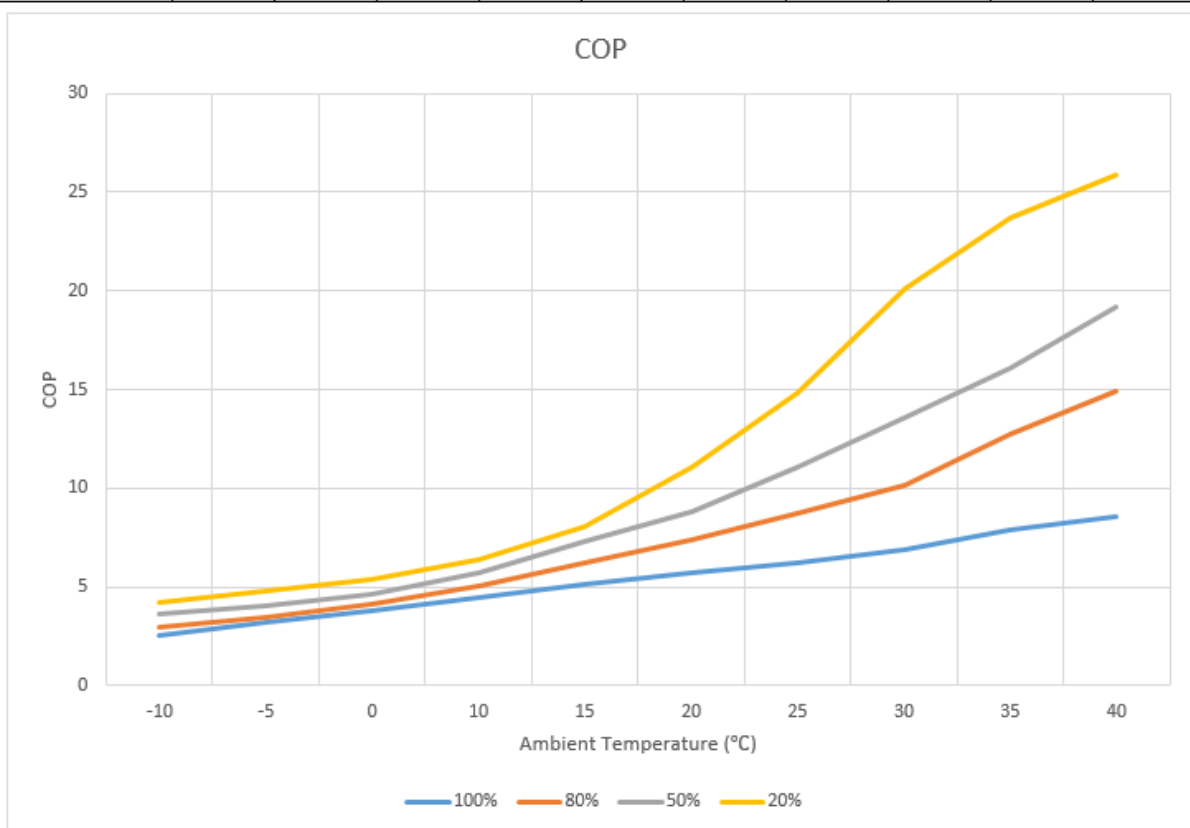
Water inlet temp. 30°C

Ambient Temperature (°C)	25	30	35	40
EER	5,65	5,2	4,88	4,41

**COP:**

Water inlet/outlet temp. 26°C/28°C

Load	-10	-5	0	10	15	20	25	30	35	40
100%	2,52	3,18	3,79	4,46	5,1	5,76	6,23	6,92	7,88	8,53
80%	2,95	3,45	4,15	5,03	6,21	7,39	8,74	10,18	12,75	14,95
50%	3,63	4,02	4,62	5,73	7,29	8,81	11,11	13,6	16,1	19,15
20%	4,23	4,81	5,42	6,41	8,1	11,07	14,8	20,11	23,71	25,9

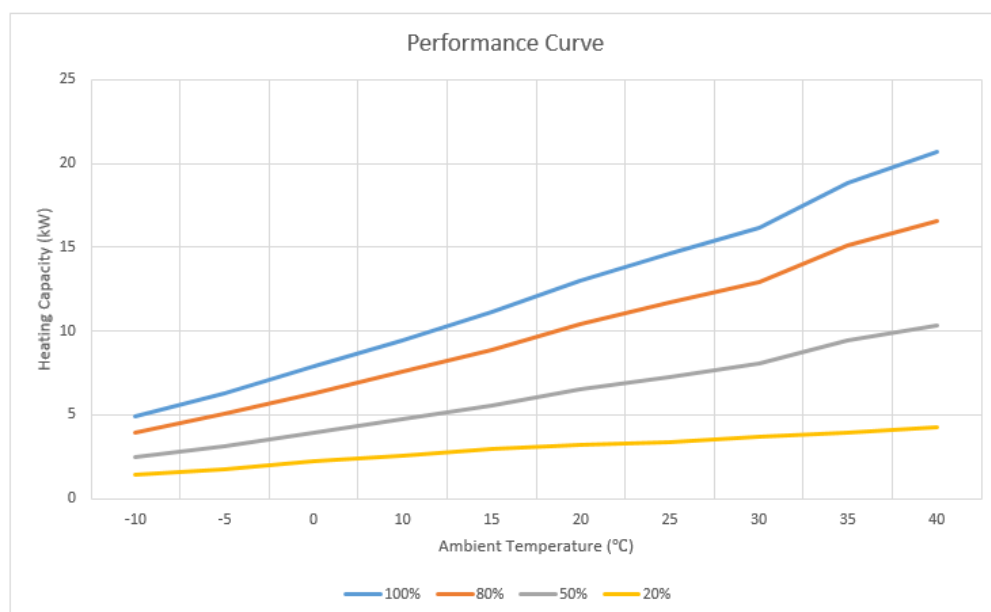


## **SC984 AquaForte full inverter heat pump 15,3kW (150SP)**

### **Heating capacity:**

Water inlet/outlet temp 26°C/28°C

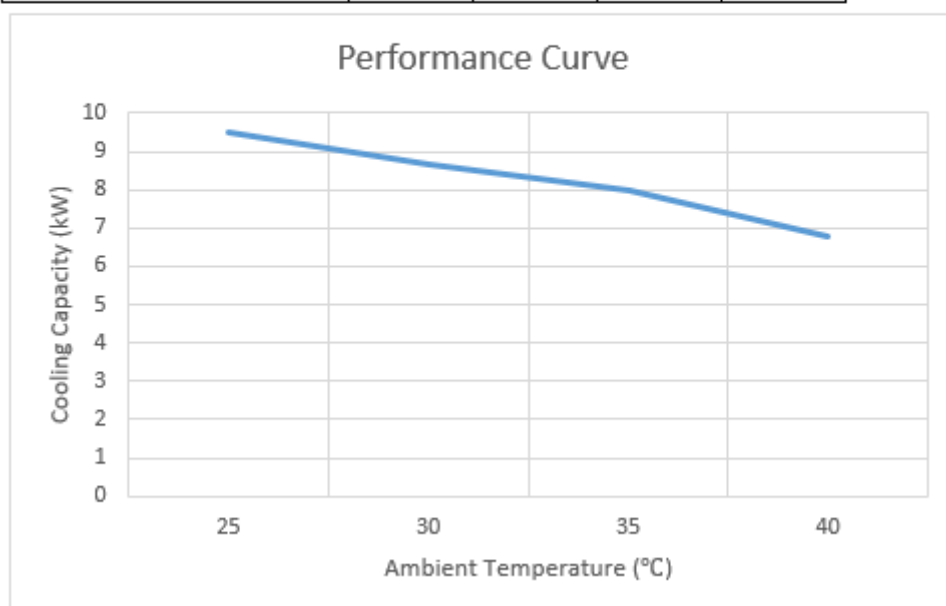
Load	-10	-5	0	10	15	20	25	30	35	40
100%	4,9	6,31	7,88	9,45	11,14	13,01	14,59	16,2	18,85	20,72
80%	3,92	5,048	6,304	7,56	8,912	10,408	11,672	12,96	15,08	16,576
50%	2,45	3,155	3,94	4,725	5,57	6,505	7,295	8,1	9,425	10,36
20%	1,4	1,78	2,21	2,58	2,96	3,19	3,39	3,66	3,95	4,26



### **Cooling capacity**

Water inlet temp. 30°C

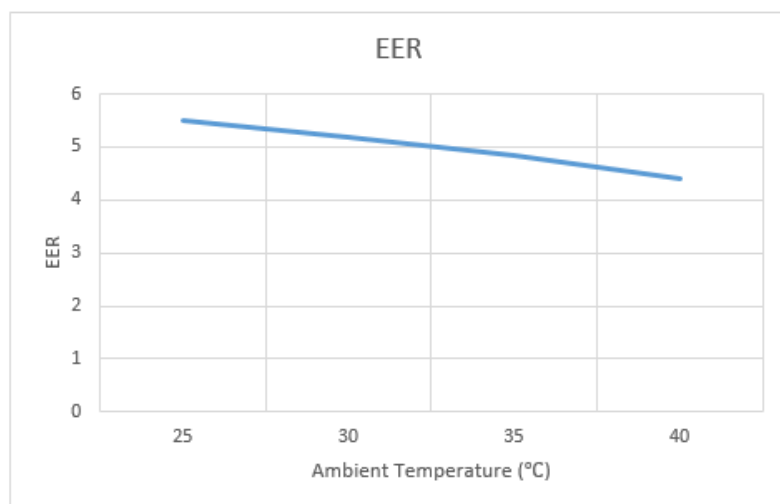
Ambient Temperature (°C)	25	30	35	40
Cooling Capacity	9,49	8,66	8	6,76



### EER:

Water inlet temp. 30°C

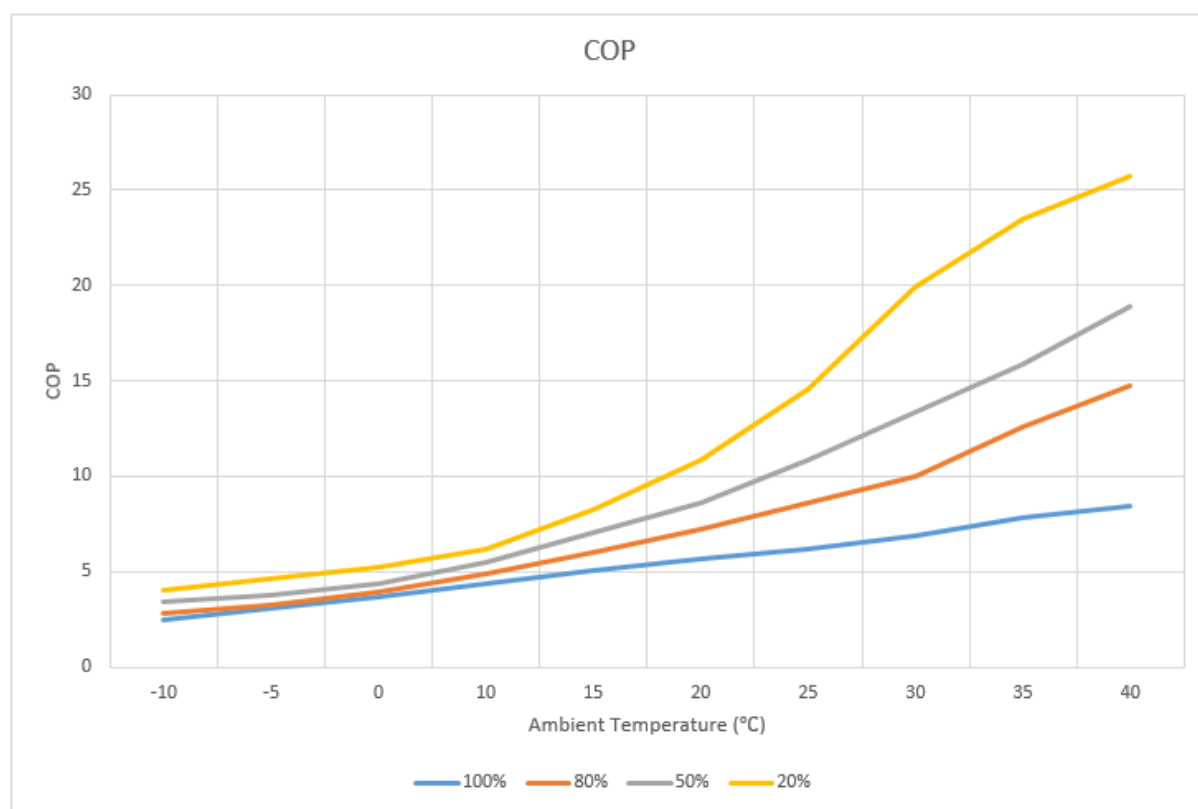
Ambient Temperature (°C)	25	30	35	40
EER	5,5	5,18	4,85	4,4



### COP:

Water inlet/outlet temp. 26°C/28°C

Load	-10	-5	0	10	15	20	25	30	35	40
100%	2,44	3,1	3,71	4,38	5,1	5,68	6,15	6,84	7,8	8,45
80%	2,78	3,28	3,98	4,86	6,04	7,22	8,57	10,01	12,58	14,78
50%	3,41	3,8	4,4	5,51	7,07	8,59	10,89	13,38	15,88	18,93
20%	4,02	4,6	5,21	6,2	8,3	10,86	14,59	19,9	23,5	25,69

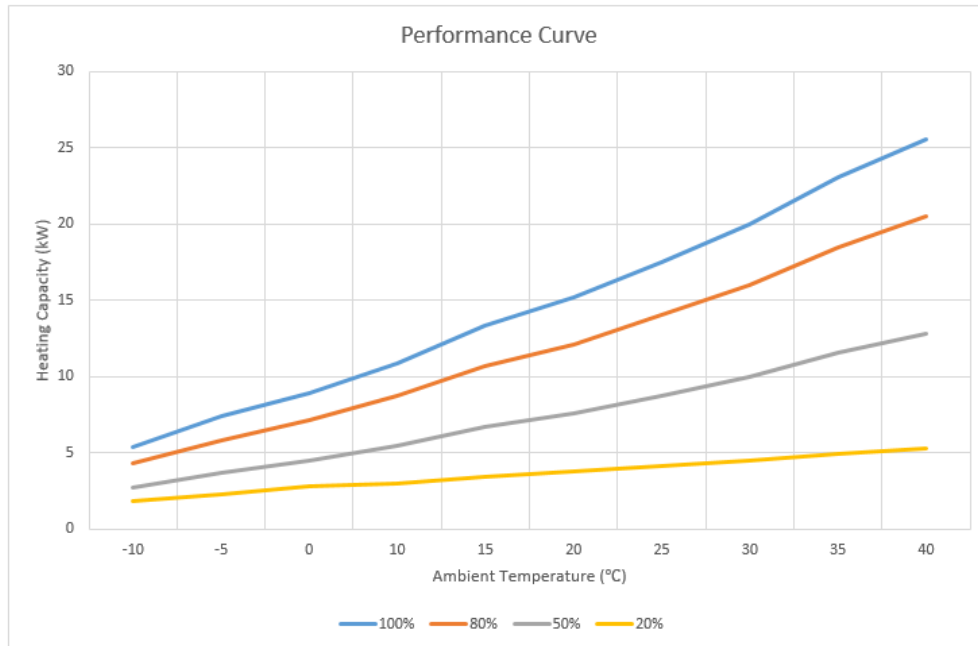


## SC985 AquaForte full inverter heat pump 18kW

### Heating capacity:

Water inlet/outlet temp. 26°C/28°C

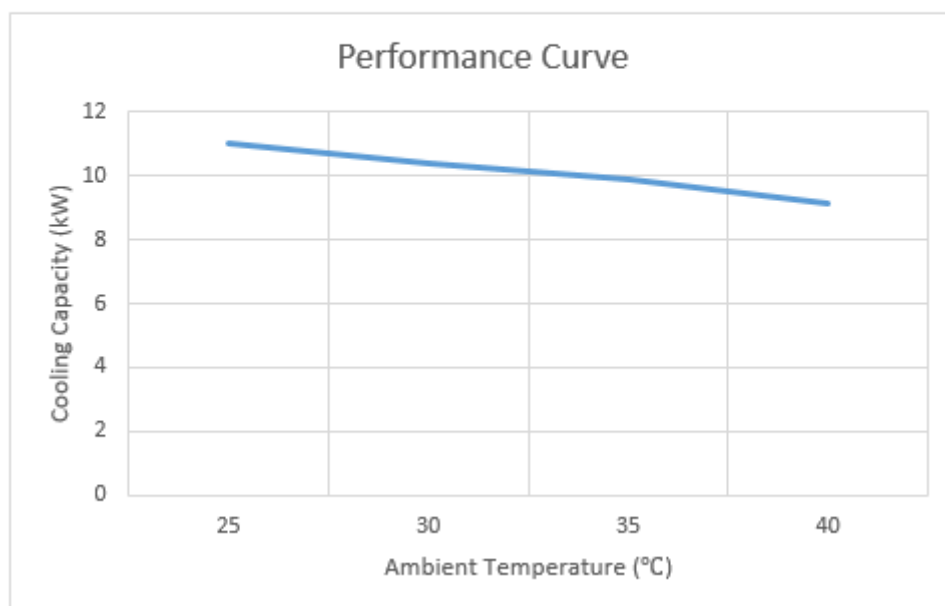
Load	-10	-5	0	10	15	20	25	30	35	40
100%	5,34	7,4	8,9	10,88	13,35	15,2	17,46	19,95	23,06	25,6
80%	4,3	5,79	7,15	8,7	10,7	12,1	14,02	15,96	18,5	20,48
50%	2,67	3,7	4,45	5,44	6,675	7,6	8,73	9,975	11,53	12,8
20%	1,8	2,3	2,8	3	3,44	3,8	4,1	4,5	4,9	5,3



### Cooling capacity

Water inlet temp. 30°C

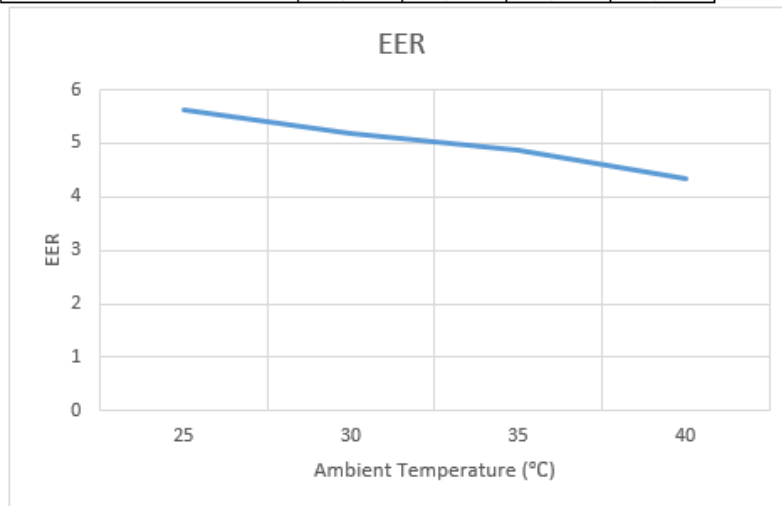
Ambient Temperature (°C)	25	30	35	40
Cooling Capacity	11,02	10,4	9,88	9,15



### EER:

Water inlet temp. 30°C

Ambient Temperature (°C)	25	30	35	40
EER	5,62	5,18	4,87	4,35



### COP:

Water inlet/outlet temp. 26°C/28°C

Load	-10	-5	0	10	15	20	25	30	35	40
100%	2,35	3,01	3,62	4,29	5,1	5,59	6,06	6,75	7,71	8,36
80%	2,85	3,3	4,02	4,9	5,95	7,12	8,6	10,1	12,66	14,8
50%	3,41	3,92	4,48	5,6	7,11	8,59	10,92	13,5	15,68	19,01
20%	4,2	4,78	5,39	6,38	8,3	11,04	14,77	20,08	23,68	25,87

