

**CRAD 2 UIAWP 15  
Cooling**

Ambient temp.	Chilled water outlet temp (°C)														
	7			10			13			15			18		
	Capacity	Power	EER	Capacity	Power	EER	Capacity	Power	EER	Capacity	Power	EER	Capacity	Power	EER
(°C)	kW	kW	W/W	kW	kW	W/W	kW	kW	W/W	kW	kW	W/W	kW	kW	W/W
20	6.68	1.17	5.72	7.11	1.14	6.24	7.48	1.10	6.77	7.71	1.09	7.08	8.10	1.05	7.68
25	6.13	1.29	4.76	6.54	1.26	5.19	6.93	1.22	5.66	7.19	1.20	5.98	7.57	1.17	6.44
30	5.56	1.42	3.93	5.97	1.39	4.30	6.36	1.35	4.71	6.62	1.32	5.00	7.03	1.29	5.45
35	5.00	1.55	3.23	5.41	1.51	3.57	5.81	1.47	3.94	6.05	1.44	4.19	6.47	1.41	4.59
40	3.86	1.39	2.78	4.22	1.36	3.10	4.57	1.32	3.46	4.80	1.30	3.68	5.17	1.27	4.08
45	3.19	1.30	2.46	3.51	1.27	2.77	3.83	1.24	3.09	4.04	1.22	3.32	4.38	1.18	3.71

Note: The inlet/outlet water temperature difference is 5°C.

**Heating**

Ambient temp.	Hot water outlet temp. (°C)																	
	30			35			40			45			50			55		
	Capacity	Power	COP	Capacity	Power	COP	Capacity	Power	COP	Capacity	Power	COP	Capacity	Power	COP	Capacity	Power	COP
(°C)	kW	kW	W/W	kW	kW	W/W	kW	kW	W/W	kW	kW	W/W	kW	kW	W/W	kW	kW	W/W
-15	3.20	1.29	2.48	3.01	1.41	2.13	2.94	1.55	1.90	/	/	/	/	/	/	/	/	/
-10	3.65	1.31	2.80	3.44	1.43	2.41	3.37	1.57	2.15	/	/	/	/	/	/	/	/	/
-7	3.92	1.31	2.99	3.70	1.44	2.58	3.63	1.58	2.29	3.53	1.84	1.92	/	/	/	/	/	/
-5	4.11	1.31	3.15	3.88	1.43	2.72	3.81	1.58	2.42	3.71	1.83	2.02	/	/	/	/	/	/
-2	4.39	1.29	3.40	4.15	1.42	2.92	4.08	1.56	2.61	3.98	1.82	2.19	3.84	2.02	1.90	/	/	/
0	4.64	1.29	3.59	4.39	1.42	3.09	4.32	1.56	2.76	4.22	1.82	2.32	4.08	2.03	2.01	/	/	/
2	4.89	1.29	3.78	4.63	1.42	3.26	4.56	1.57	2.91	4.46	1.83	2.44	4.31	2.03	2.12	4.03	2.26	1.79
7	6.73	1.33	5.05	6.39	1.47	4.35	6.31	1.63	3.87	6.20	1.90	3.26	6.01	2.12	2.84	5.64	2.55	2.21
12	7.30	1.29	5.65	6.95	1.43	4.86	6.88	1.59	4.33	6.78	1.87	3.64	6.60	2.08	3.17	6.21	2.32	2.67
15	7.89	1.27	6.19	7.53	1.42	5.31	7.47	1.58	4.72	7.37	1.86	3.97	7.19	2.08	3.46	6.78	2.32	2.92
20	8.97	1.25	7.20	8.58	1.39	6.18	8.54	1.56	5.49	8.45	1.84	4.60	8.03	2.06	3.89	7.60	2.30	3.30

Note: The inlet/outlet water temperature difference is 5°C.

**CRAD 2 UIAWP 25****Cooling**

Ambient temp.	Chilled water outlet temp (°C)														
	7			10			13			15			18		
	Capacity	Power	EER	Capacity	Power	EER	Capacity	Power	EER	Capacity	Power	EER	Capacity	Power	EER
(°C)	kW	kW	W/W	kW	kW	W/W	kW	kW	W/W	kW	kW	W/W	kW	kW	W/W
20	9.69	2.09	4.64	10.48	2.05	5.11	11.31	2.00	5.66	11.87	1.97	6.04	12.78	1.92	6.67
25	8.84	2.13	4.14	9.57	2.08	4.60	10.35	2.02	5.11	10.87	1.99	5.46	11.41	1.94	5.88
30	7.93	2.18	3.63	8.59	2.13	4.03	9.27	2.07	4.47	9.74	2.03	4.79	10.51	1.97	5.32
35	7.00	2.25	3.11	7.60	2.19	3.47	8.21	2.13	3.85	8.63	2.09	4.13	9.30	2.03	4.57
40	4.52	1.75	2.58	5.08	1.71	2.96	5.69	1.69	3.37	6.12	1.66	3.68	6.82	1.63	4.18
45	3.03	1.45	2.10	3.57	1.43	2.50	4.18	1.42	2.94	4.61	1.41	3.28	5.33	1.39	3.84

Note: The inlet/outlet water temperature difference is 5°C.

**Heating**

Ambient temp.	Hot water outlet temp. (°C)																	
	30			35			40			45			50			55		
	Capacity	Power	COP	Capacity	Power	COP	Capacity	Power	COP	Capacity	Power	COP	Capacity	Power	COP	Capacity	Power	COP
(°C)	kW	kW	W/W	kW	kW	W/W	kW	kW	W/W	kW	kW	W/W	kW	kW	W/W	kW	kW	W/W
-15	4.13	1.70	2.43	3.88	1.86	2.09	3.80	2.04	1.86	/	/	/	/	/	/	/	/	/
-10	4.71	1.72	2.74	4.44	1.88	2.37	4.35	2.07	2.10	/	/	/	/	/	/	/	/	/
-7	5.06	1.73	2.93	4.78	1.89	2.53	4.68	2.08	2.25	4.56	2.42	1.88	/	/	/	/	/	/
-5	5.30	1.72	3.09	5.01	1.88	2.66	4.91	2.07	2.37	4.79	2.41	1.98	/	/	/	/	/	/
-2	5.67	1.70	3.33	5.35	1.87	2.87	5.26	2.05	2.56	5.14	2.39	2.15	4.95	2.66	1.86	/	/	/
0	5.99	1.70	3.52	5.66	1.87	3.03	5.57	2.06	2.71	5.45	2.40	2.27	5.26	2.67	1.97	/	/	/
2	6.31	1.70	3.71	5.97	1.87	3.20	5.88	2.06	2.85	5.76	2.40	2.40	5.56	2.67	2.08	5.20	2.97	1.75
7	8.68	1.75	4.96	8.24	1.93	4.26	8.14	2.15	3.79	8.00	2.50	3.20	7.75	2.79	2.78	7.27	3.35	2.17
12	9.42	1.70	5.54	8.96	1.88	4.77	8.88	2.09	4.25	8.75	2.45	3.56	8.52	2.74	3.11	8.01	3.06	2.62
15	10.19	1.68	6.07	9.71	1.87	5.21	9.64	2.08	4.62	9.52	2.45	3.89	9.27	2.73	3.39	8.75	3.05	2.87
20	11.58	1.64	7.06	11.07	1.83	6.06	11.02	2.05	5.38	10.91	2.42	4.51	10.36	2.71	3.82	9.80	3.03	3.24

Note: The inlet/outlet water temperature difference is 5°C.

**CRAD 2 UIAWP 40****Cooling**

Ambient temp. (°C)	Chilled water outlet temp (°C)														
	7			10			13			15			18		
	Capacity	Power	EER	Capacity	Power	EER	Capacity	Power	EER	Capacity	Power	EER	Capacity	Power	EER
(°C)	kW	kW	W/W	kW	kW	W/W	kW	kW	W/W	kW	kW	W/W	kW	kW	W/W
20	11.08	2.23	4.97	11.77	2.25	5.22	12.93	2.28	5.67	13.74	2.29	5.99	15.17	2.32	6.54
25	10.99	2.45	4.49	11.66	2.47	4.72	12.81	2.50	5.12	13.61	2.52	5.40	14.66	2.55	5.75
30	10.62	2.68	3.97	11.27	2.72	4.15	12.38	2.75	4.50	13.15	2.77	4.74	13.87	2.81	4.94
35	10.00	2.95	3.39	10.61	2.99	3.55	11.66	3.03	3.85	12.39	3.05	4.06	12.85	3.09	4.15
40	9.16	3.25	2.82	9.73	3.29	2.95	10.70	3.33	3.21	11.37	3.37	3.38	11.61	3.41	3.40
45	8.14	3.57	2.28	8.65	3.62	2.39	9.39	3.79	2.48	9.73	3.70	2.63	9.85	3.41	2.89

Note: The inlet/outlet water temperature difference is 5°C.

**Heating**

Ambient temp. (°C)	Hot water outlet temp. (°C)																	
	30			35			40			45			50			55		
	Capacity	Power	COP	Capacity	Power	COP	Capacity	Power	COP	Capacity	Power	COP	Capacity	Power	COP	Capacity	Power	COP
(°C)	kW	kW	W/W	kW	kW	W/W	kW	kW	W/W	kW	kW	W/W	kW	kW	W/W	kW	kW	W/W
-15	5.68	2.13	2.66	5.33	2.33	2.29	5.22	2.56	2.04	/	/	/	/	/	/	/	/	/
-10	6.48	2.16	3.00	6.10	2.36	2.59	5.98	2.60	2.30	/	/	/	/	/	/	/	/	/
-7	6.96	2.17	3.20	6.57	2.37	2.77	6.44	2.62	2.46	6.26	3.05	2.06	/	/	/	/	/	/
-5	7.29	2.16	3.38	6.88	2.36	2.92	6.76	2.60	2.60	6.58	3.03	2.17	/	/	/	/	/	/
-2	7.79	2.13	3.65	7.36	2.34	3.14	7.24	2.58	2.80	7.06	3.01	2.35	6.81	3.34	2.04	/	/	/
0	8.23	2.13	3.86	7.78	2.34	3.32	7.66	2.59	2.96	7.49	3.01	2.49	7.23	3.35	2.16	/	/	/
2	8.67	2.13	4.06	8.21	2.34	3.50	8.09	2.59	3.12	7.91	3.02	2.62	7.65	3.36	2.28	7.14	3.73	1.92
7	11.94	2.20	5.43	11.33	2.43	4.67	11.19	2.69	4.15	11.00	3.14	3.50	10.66	3.50	3.04	10.00	4.21	2.37
12	12.95	2.13	6.07	12.33	2.36	5.22	12.21	2.63	4.65	12.03	3.08	3.90	11.71	3.44	3.40	11.02	3.84	2.87
15	14.01	2.11	6.65	13.36	2.34	5.70	13.26	2.62	5.06	13.08	3.07	4.26	12.75	3.43	3.71	12.03	3.83	3.14
20	15.92	2.06	7.73	15.22	2.30	6.63	15.15	2.57	5.89	15.00	3.04	4.94	14.24	3.41	4.18	13.48	3.80	3.54

Note: The inlet/outlet water temperature difference is 5°C.

**CRAD 2 UIAWP 50****Cooling**

Ambient temp.	Chilled water outlet temp. (°C)														
	7			10			13			15			18		
	Capacity	Power	EER	Capacity	Power	EER	Capacity	Power	EER	Capacity	Power	EER	Capacity	Power	EER
(°C)	kW	kW	W/W	kW	kW	W/W	kW	kW	W/W	kW	kW	W/W	kW	kW	W/W
20	12.41	2.65	4.69	13.18	2.67	4.93	14.48	2.70	5.36	15.39	2.72	5.65	16.99	2.75	6.18
25	12.31	2.90	4.24	13.06	2.93	4.46	14.35	2.97	4.83	15.24	2.99	5.10	16.42	3.03	5.43
30	11.89	3.18	3.74	12.62	3.22	3.91	13.87	3.26	4.25	14.73	3.29	4.47	15.53	3.33	4.67
35	11.20	3.50	3.20	11.88	3.55	3.35	13.06	3.59	3.63	13.88	3.62	3.83	14.39	3.67	3.92
40	10.26	3.85	2.66	10.90	3.91	2.79	11.98	3.96	3.03	12.73	3.99	3.19	13.00	4.05	3.21
45	9.12	4.24	2.15	9.69	4.30	2.25	10.52	4.50	2.34	10.90	4.39	2.48	11.03	4.05	2.72

Note: The inlet/outlet water temperature difference is 5°C.

**Heating**

Ambient temp.	Hot water outlet temp. (°C)																	
	30			35			40			45			50			55		
	Capacity	Power	COP	Capacity	Power	COP	Capacity	Power	COP	Capacity	Power	COP	Capacity	Power	COP	Capacity	Power	COP
(°C)	kW	kW	W/W	kW	kW	W/W	kW	kW	W/W	kW	kW	W/W	kW	kW	W/W	kW	kW	W/W
-15	6.35	2.57	2.47	5.96	2.81	2.12	5.84	3.08	1.89	/	/	/	/	/	/	/	/	/
-10	7.25	2.60	2.79	6.83	2.84	2.41	6.69	3.13	2.14	/	/	/	/	/	/	/	/	/
-7	7.79	2.62	2.98	7.34	2.85	2.57	7.20	3.15	2.28	7.00	3.67	1.91	/	/	/	/	/	/
-5	8.16	2.60	3.14	7.70	2.84	2.71	7.55	3.13	2.41	7.36	3.65	2.02	/	/	/	/	/	/
-2	8.71	2.57	3.39	8.23	2.82	2.92	8.09	3.11	2.60	7.90	3.62	2.18	7.62	4.02	1.89	/	/	/
0	9.21	2.57	3.58	8.70	2.82	3.08	8.57	3.11	2.75	8.37	3.63	2.31	8.08	4.03	2.01	/	/	/
2	9.70	2.57	3.77	9.18	2.82	3.25	9.04	3.12	2.90	8.85	3.63	2.44	8.55	4.04	2.12	7.99	4.49	1.78
7	13.35	2.65	5.04	12.67	2.92	4.34	12.51	3.24	3.86	12.30	3.78	3.25	11.92	4.21	2.83	11.18	5.07	2.20
12	14.48	2.57	5.64	13.78	2.84	4.85	13.66	3.16	4.32	13.45	3.71	3.63	13.09	4.15	3.16	12.32	4.63	2.66
15	15.66	2.54	6.18	14.94	2.82	5.30	14.82	3.15	4.70	14.63	3.70	3.95	14.26	4.13	3.45	13.45	4.61	2.92
20	17.80	2.48	7.18	17.02	2.76	6.16	16.94	3.09	5.47	16.77	3.65	4.59	15.92	4.10	3.88	15.07	4.58	3.29

Note: The inlet/outlet water temperature difference is 5°C.

**CRAD 2 UIAWP 50T****Cooling**

Ambient temp. (°C)	Chilled water outlet temp. (°C)														
	7			10			13			15			18		
	Capacity	Power	EER	Capacity	Power	EER	Capacity	Power	EER	Capacity	Power	EER	Capacity	Power	EER
(°C)	kW	kW	W/W	kW	kW	W/W	kW	kW	W/W	kW	kW	W/W	kW	kW	W/W
20	12.41	2.65	4.69	13.18	2.67	4.93	14.48	2.70	5.36	15.39	2.72	5.65	16.99	2.75	6.18
25	12.31	2.90	4.24	13.06	2.93	4.46	14.35	2.97	4.83	15.24	2.99	5.10	16.42	3.03	5.43
30	11.89	3.18	3.74	12.62	3.22	3.91	13.87	3.26	4.25	14.73	3.29	4.47	15.53	3.33	4.67
35	11.20	3.50	3.20	11.88	3.55	3.35	13.06	3.59	3.63	13.88	3.62	3.83	14.39	3.67	3.92
40	10.26	3.85	2.66	10.90	3.91	2.79	11.98	3.96	3.03	12.73	3.99	3.19	13.00	4.05	3.21
45	9.12	4.24	2.15	9.69	4.30	2.25	10.52	4.50	2.34	10.90	4.39	2.48	11.03	4.05	2.72

Note: The inlet/outlet water temperature difference is 5°C.

**Heating**

Ambient temp. (°C)	Hot water outlet temp. (°C)																	
	30			35			40			45			50			55		
	Capacity	Power	COP	Capacity	Power	COP	Capacity	Power	COP	Capacity	Power	COP	Capacity	Power	COP	Capacity	Power	COP
(°C)	kW	kW	W/W	kW	kW	W/W	kW	kW	W/W	kW	kW	W/W	kW	kW	W/W	kW	kW	W/W
-15	6.35	2.53	2.51	5.96	2.76	2.16	5.84	3.03	1.92	/	/	/	/	/	/	/	/	/
-10	7.25	2.56	2.83	6.83	2.79	2.44	6.69	3.08	2.17	/	/	/	/	/	/	/	/	/
-7	7.79	2.57	3.02	7.34	2.81	2.61	7.20	3.10	2.32	7.00	3.61	1.94	/	/	/	/	/	/
-5	8.16	2.56	3.19	7.70	2.80	2.75	7.55	3.08	2.45	7.36	3.59	2.05	/	/	/	/	/	/
-2	8.71	2.53	3.45	8.23	2.78	2.96	8.09	3.06	2.65	7.90	3.56	2.22	7.62	3.96	1.93	/	/	/
0	9.21	2.53	3.64	8.70	2.78	3.13	8.57	3.06	2.80	8.37	3.57	2.35	8.08	3.97	2.04	/	/	/
2	9.70	2.53	3.83	9.18	2.78	3.31	9.04	3.07	2.95	8.85	3.57	2.48	8.55	3.98	2.15	7.99	4.42	1.81
7	13.35	2.61	5.12	12.67	2.88	4.40	12.51	3.19	3.92	12.30	3.72	3.31	11.92	4.15	2.87	11.18	4.99	2.24
12	14.48	2.53	5.73	13.78	2.80	4.93	13.66	3.11	4.39	13.45	3.65	3.68	13.09	4.08	3.21	12.32	4.55	2.71
15	15.66	2.49	6.28	14.94	2.78	5.38	14.82	3.10	4.78	14.63	3.64	4.02	14.26	4.07	3.50	13.45	4.54	2.96
20	17.80	2.44	7.30	17.02	2.72	6.26	16.94	3.05	5.56	16.77	3.60	4.66	15.92	4.03	3.95	15.07	4.51	3.34

Note: The inlet/outlet water temperature difference is 5°C.

**CRAD 2 UIAWP 55T****Cooling**

Ambient temp. (°C)	Chilled water outlet temp. (°C)														
	7			10			13			15			18		
	Capacity	Power	EER	Capacity	Power	EER	Capacity	Power	EER	Capacity	Power	EER	Capacity	Power	EER
(°C)	kW	kW	W/W	kW	kW	W/W	kW	kW	W/W	kW	kW	W/W	kW	kW	W/W
20	13.87	2.97	4.66	14.92	3.02	4.94	16.38	3.07	5.34	17.39	3.10	5.60	18.92	3.15	6.00
25	13.75	3.24	4.24	14.79	3.29	4.49	16.23	3.35	4.84	17.23	3.39	5.08	18.28	3.45	5.30
30	13.29	3.55	3.75	14.28	3.61	3.96	15.68	3.68	4.27	16.64	3.72	4.47	17.29	3.78	4.57
35	12.50	3.90	3.21	13.43	3.97	3.39	14.75	4.04	3.65	15.66	4.08	3.84	15.99	4.15	3.85
40	11.08	3.74	2.96	11.92	3.81	3.13	13.09	3.87	3.38	13.91	3.91	3.55	13.99	3.98	3.52
45	9.81	4.12	2.38	10.56	4.19	2.52	10.95	4.25	2.58	11.35	4.15	2.74	11.49	3.83	3.00

Note: The inlet/outlet water temperature difference is 5°C.

**Heating**

Ambient temp. (°C)	Hot water outlet temp. (°C)																	
	30			35			40			45			50			55		
	Capacity	Power	COP	Capacity	Power	COP	Capacity	Power	COP	Capacity	Power	COP	Capacity	Power	COP	Capacity	Power	COP
(°C)	kW	kW	W/W	kW	kW	W/W	kW	kW	W/W	kW	kW	W/W	kW	kW	W/W	kW	kW	W/W
-15	7.43	3.02	2.46	7.16	3.28	2.18	6.92	3.59	1.93	/	/	/	/	/	/	/	/	/
-10	8.43	3.06	2.75	8.10	3.34	2.43	7.79	3.65	2.13	/	/	/	/	/	/	/	/	/
-7	9.03	3.09	2.92	8.67	3.37	2.57	8.31	3.69	2.25	8.13	4.01	2.03	/	/	/	/	/	/
-5	9.26	3.02	3.06	8.88	3.30	2.70	8.52	3.61	2.36	8.33	3.92	2.12	/	/	/	/	/	/
-2	9.60	2.92	3.28	9.21	3.19	2.89	8.83	3.50	2.53	8.62	3.80	2.27	8.48	4.20	2.02	/	/	/
0	10.13	2.93	3.46	9.72	3.20	3.04	9.32	3.51	2.66	9.10	3.82	2.38	8.95	4.21	2.13	/	/	/
2	10.67	2.93	3.64	10.24	3.21	3.19	9.81	3.52	2.79	9.58	3.84	2.50	9.43	4.23	2.23	8.99	4.66	1.93
7	15.37	3.23	4.76	14.75	3.50	4.22	14.14	3.90	3.63	13.80	4.25	3.25	13.58	4.70	2.89	12.96	5.19	2.50
12	16.27	3.13	5.19	15.63	3.44	4.54	14.99	3.79	3.95	14.65	4.13	3.55	14.43	4.58	3.15	13.77	5.07	2.72
15	17.62	3.11	5.66	16.95	3.43	4.94	16.28	3.79	4.29	15.91	4.14	3.84	15.68	4.58	3.42	14.97	5.07	2.95
20	20.11	3.08	6.53	19.36	3.40	5.69	18.61	3.77	4.93	18.22	4.12	4.42	17.47	4.58	3.81	16.70	5.08	3.29

Note: The inlet/outlet water temperature difference is 5°C.

**CRAD 2 UIAWP 60T****Cooling**

Ambient temp. (°C)	Chilled water outlet temp. (°C)														
	7			10			13			15			18		
	Capacity	Power	EER	Capacity	Power	EER	Capacity	Power	EER	Capacity	Power	EER	Capacity	Power	EER
(°C)	kW	kW	W/W	kW	kW	W/W	kW	kW	W/W	kW	kW	W/W	kW	kW	W/W
20	16.07	3.46	4.64	17.32	3.53	4.91	19.03	3.61	5.27	20.21	3.66	5.52	21.99	3.74	5.89
25	15.98	3.78	4.23	17.19	3.86	4.45	18.87	3.94	4.80	20.02	3.99	5.02	21.25	4.07	5.22
30	15.44	4.13	3.74	16.59	4.22	3.93	18.21	4.30	4.23	19.33	4.36	4.43	20.08	4.45	4.52
35	14.50	4.53	3.20	15.57	4.61	3.38	17.09	4.71	3.63	18.14	4.77	3.81	18.52	4.86	3.81
40	12.81	4.32	2.96	13.76	4.40	3.13	15.10	4.48	3.37	16.04	4.54	3.53	16.13	4.62	3.49
45	10.89	4.24	2.57	11.72	4.31	2.72	12.15	4.38	2.78	12.60	4.27	2.95	12.75	3.94	3.23

Note: The inlet/outlet water temperature difference is 5°C.

**Heating**

Ambient temp. (°C)	Hot water outlet temp. (°C)																	
	30			35			40			45			50			55		
	Capacity	Power	COP	Capacity	Power	COP	Capacity	Power	COP	Capacity	Power	COP	Capacity	Power	COP	Capacity	Power	COP
(°C)	kW	kW	W/W	kW	kW	W/W	kW	kW	W/W	kW	kW	W/W	kW	kW	W/W	kW	kW	W/W
-15	8.29	3.43	2.42	8.08	3.73	2.17	7.89	4.08	1.94	/	/	/	/	/	/	/	/	/
-10	9.38	3.49	2.69	9.11	3.79	2.40	8.84	4.15	2.13	/	/	/	/	/	/	/	/	/
-7	10.04	3.52	2.85	9.72	3.83	2.54	9.41	4.20	2.24	9.24	4.56	2.03	/	/	/	/	/	/
-5	10.26	3.42	3.00	9.92	3.73	2.66	9.60	4.09	2.35	9.41	4.44	2.12	/	/	/	/	/	/
-2	10.58	3.27	3.23	10.22	3.57	2.86	9.87	3.91	2.52	9.66	4.25	2.27	9.31	4.69	1.99	/	/	/
0	11.18	3.28	3.40	10.79	3.56	3.03	10.41	3.93	2.65	10.18	4.27	2.38	9.80	4.71	2.08	/	/	/
2	11.77	3.30	3.57	11.36	3.54	3.21	10.95	3.94	2.78	10.71	4.29	2.49	10.29	4.73	2.18	9.89	5.22	1.89
7	17.61	3.71	4.75	17.00	4.00	4.25	16.38	4.46	3.67	16.00	4.85	3.30	15.37	5.35	2.87	14.75	5.90	2.50
12	18.37	3.60	5.10	17.73	3.95	4.48	17.08	4.35	3.93	16.69	4.74	3.52	16.03	5.22	3.07	15.37	5.77	2.67
15	19.92	3.60	5.53	19.23	3.95	4.86	18.54	4.35	4.27	18.11	4.75	3.82	17.40	5.24	3.32	16.69	5.79	2.88
20	22.76	3.59	6.33	21.99	3.94	5.58	21.23	4.35	4.88	20.75	4.75	4.37	19.94	5.25	3.80	19.13	5.80	3.30

Note: The inlet/outlet water temperature difference is 5°C.