

RISCALDAMENTO

Table 2-5.1: CSAD UiAWP 100 , CSAD UiAWP 100 PS heating capacity

Ambient temp (°C)	Chilled water outlet temperature (°C)											
	30.00		35.00		40.00		45.00		50.00		55.00	
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-15.00	17.38	8.03	16.06	8.22	16.80	8.60	15.35	9.65	-	-	-	-
-7.00	25.44	8.85	24.41	9.46	24.32	9.90	23.33	11.11	20.23	11.21	-	-
2.00	25.67	8.04	25.05	8.51	24.23	8.90	23.94	9.99	20.76	10.08	-	-
7.00	31.84	8.17	33.80	8.95	32.95	9.36	32.31	10.51	28.01	10.60	22.19	9.20
15.00	34.27	5.35	32.23	5.77	27.58	5.86	24.21	6.64	23.54	7.93	21.97	8.70
20.00	33.69	4.51	30.77	4.67	25.45	4.63	21.57	5.10	20.87	6.08	19.43	6.73
25.00	33.75	4.18	31.22	4.34	26.34	4.31	22.82	4.78	22.62	5.77	21.61	6.38
30.00	36.13	4.75	33.14	4.58	27.18	4.78	24.69	4.99	23.15	6.13	22.14	6.85

Abbreviations:

TC: Total capacity (kW)

PI: Power input (kW)

Notes:

1. Performance specifications measured with water pump operating at rated water flow rate.

Table 2-5.2: CSAD UiAWP 200, CSAD UiAWP 200 PS heating capacity

Ambient temp.(°C)	Chilled water outlet temperature (°C)											
	30.00		35.00		40.00		45.00		50.00		55.00	
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-15.00	28.07	12.66	25.94	12.96	27.23	13.35	24.87	15.51	-	-	-	-
-7.00	43.02	15.67	42.52	16.13	40.97	18.66	39.96	18.75	34.13	19.58	-	-
2.00	45.39	14.12	44.28	14.96	42.96	15.40	42.45	17.89	36.81	18.05	-	-
7.00	61.57	16.10	65.37	17.64	63.91	18.16	62.67	21.09	54.34	21.28	43.04	18.47
15.00	66.27	10.54	62.32	11.37	53.50	11.38	46.97	13.33	45.67	15.93	42.61	17.46
20.00	65.14	8.90	59.50	9.21	49.37	8.97	41.84	10.24	40.49	12.21	37.69	13.52
25.00	65.26	8.23	60.37	8.54	51.09	8.36	44.26	9.60	43.87	11.59	41.91	12.81
30.00	66.38	8.51	67.12	8.74	54.25	8.94	47.97	10.02	45.86	11.99	43.22	13.23

Abbreviations:

TC: Total capacity (kW)

PI: Power input (kW)

Notes:

1. Performance specifications measured with water pump operating at rated water flow rate.

Table 2-5.3: CSAD UiAWP 300, CSAD UiAWP 300 PS heating capacity

Ambient temp. (°C)	Chilled water outlet temperature (°C)											
	30.00		35.00		40.00		45.00		50.00		55.00	
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
-20.00	55.21	23.46	46.32	23.36	37.63	22.86	-	-	-	-	-	-
-15.00	62.23	23.93	51.23	23.29	42.32	24.89	35.87	25.17	-	-	-	-
-7.00	70.86	22.24	62.32	23.97	54.12	27.06	43.84	26.16	36.23	24.15	-	-
2.00	86.74	26.27	82.46	29.45	78.56	34.16	71.90	33.50	54.26	30.15	35.41	23.66
7.00	98.22	29.36	95.11	30.19	92.65	30.88	90.07	33.63	85.32	31.6	68.16	26.64
15.00	90.32	25.81	86.23	26.1	83.36	26.46	78.66	29.13	74.53	27.61	48.36	21.98
20.00	85.63	23.79	82.45	24.25	78.56	23.81	74.36	27.54	72.32	26.78	21.15	11.47
25.00	82.42	22.04	78.63	22.46	74.56	23.30	72.21	22.56	69.97	25.34	27.86	11.74
30.00	78.22	20.52	74.23	20.62	68.44	20.61	64.12	22.89	56.23	20.07	24.26	11.84

Abbreviations:

TC: Total capacity (kW)

PI: Power input (kW)

Notes:

1. Performance specifications measured with water pump operating at rated water flow rate.

RAFFRESCAMENTO

Table 2-5.4: CSAD UiAWP 100 , CSAD UiAWP 100 PS cooling capacity

Ambient temp. (°C)	Chilled water outlet temperature (°C)											
	5.00		7.00		10.00		13.00		15.00		20.00	
	Capacity	Power	Capacity	Power	Capacity	Power	Capacity	Power	Capacity	Power	Capacity	Power
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
-10.00	22.69	6.13	25.88	6.15	28.79	6.98	31.16	6.85	32.02	7.58	32.69	7.35
-5.00	22.96	6.49	24.79	6.75	27.01	6.80	28.90	7.11	30.16	7.32	31.90	7.28
5.00	23.47	6.85	24.88	6.91	26.87	6.89	28.75	7.19	30.01	7.39	31.13	7.31
10.00	23.85	6.53	24.57	6.98	26.54	6.89	28.54	7.23	29.87	7.45	30.14	7.32
17.00	41.08	11.13	42.86	11.91	46.28	12.61	49.29	13.09	51.28	13.75	56.25	13.75
25.00	37.33	10.95	38.49	11.39	40.89	11.78	43.53	12.08	45.29	12.69	50.19	12.90
30.00	32.04	9.88	33.58	10.36	35.24	10.55	37.79	11.56	39.49	11.55	46.56	13.30
35.00	30.72	11.23	31.11	11.96	32.18	10.12	32.50	11.80	34.17	10.95	40.77	12.17
40.00	21.08	9.85	22.32	10.24	25.05	10.82	26.87	11.40	28.69	11.79	33.24	12.76
43.00	18.76	9.01	19.78	9.57	22.88	11.36	23.81	10.65	26.58	12.69	31.54	13.96

Abbreviations:

TC: Total capacity (kW)

PI: Power input (kW)

Notes:

1. Performance specifications measured with water pump operating at rated water flow rate.

Table 2-5.5: CSAD UiAWP 200, CSAD UiAWP 200 PS cooling capacity

Ambient temp. (°C)	Chilled water outlet temperature (°C)											
	5.00		7.00		10.00		13.00		15.00		20.00	
	Capacity	Power	Capacity	Power	Capacity	Power	Capacity	Power	Capacity	Power	Capacity	Power
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
-10.00	47.58	11.85	52.7	12.65	53.69	12.97	61.64	13.98	62.05	15.38	63.25	15.31
-5.00	46.58	12.58	48.27	13.66	52.60	13.76	56.08	14.31	58.69	14.80	62.08	14.73
5.00	46.06	12.68	48.46	13.98	52.32	13.94	55.81	14.46	58.41	14.95	60.58	14.78
10.00	46.25	13.52	47.86	14.12	51.68	13.94	55.56	14.56	58.14	15.06	58.66	14.79
17.00	81.58	22.56	83.34	24.04	89.97	25.47	96.42	26.84	99.67	27.76	109.32	27.77
25.00	72.12	22.14	74.86	23.00	79.52	23.80	85.18	24.70	88.05	25.62	97.56	26.05
30.00	63.89	19.89	65.34	20.94	68.56	21.31	67.52	22.48	76.79	23.32	90.50	26.85
35.00	58.63	23.18	60.54	24.16	62.62	20.45	64.30	21.38	66.47	22.12	79.27	24.57
40.00	43.85	20.58	45.45	21.06	49.30	21.61	53.16	23.28	55.73	23.65	62.15	24.57
43.00	39.68	18.96	40.28	19.68	44.83	22.35	47.12	21.75	56.32	24.15	60.28	25.39

Abbreviations:

TC: Total capacity (kW)

PI: Power input (kW)

Notes:

- Performance specifications measured with water pump operating at rated water flow rate.

Table 2-5.6: CSAD UiAWP 300, CSAD UiAWP 300 PS cooling capacity

Ambient temp. (°C)	Chilled water outlet temperature (°C)											
	5.00		7.00		10.00		13.00		15.00		20.00	
	Capacity	Power	Capacity	Power	Capacity	Power	Capacity	Power	Capacity	Power	Capacity	Power
	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
-10.00	48.32	20.14	54.22	20.81	60.23	21.51	65.23	23.29	70.25	24.65	76.32	25.45
-5.00	53.62	23.21	59.18	25.42	68.52	25.38	72.22	15.79	74.21	26.04	80.23	26.74
5.00	57.41	25.29	61.86	27.49	74.85	28.79	76.36	28.28	78.65	27.60	84.32	28.1
10.00	62.71	27.87	65.43	29.02	79.56	30.6	80.66	29.87	83.36	29.25	87.22	29.56
17.00	72.11	32.04	74.85	31.91	86.63	35.36	88.63	34.09	91.23	32.58	93.23	32.14
25.00	70.22	32.21	72.87	32.4	82.87	34.53	86.23	33.81	87.32	31.75	96.32	33.21
30.00	66.32	29.47	69.32	30.8	78.36	33.34	82.32	32.93	84.56	31.30	88.39	30.92
35.00	78.62	34.94	84.80	37.80	86.32	36.73	88.66	35.46	96.77	36.52	102.22	34.07
40.00	72.32	32.87	75.63	34.37	80.52	35.0	83.23	33.97	92.35	34.85	96.30	33.02
43.00	68.52	32.63	70.56	32.82	76.25	32.45	80.61	32.91	86.62	32.69	92.36	30.78

Abbreviations:

TC: Total capacity (kW)

PI: Power input (kW)

Notes:

Performance specifications measured with water pump operating at rated water flow rate.