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## **DHC Cross Flow, Induced Draft, Open Cooling Tower**

### Selection Data





## Selection Data Sheet

STD-201RS Table 3b - SI Units - Cooling Towers (CT)

Condition Reference #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Wet Bulb ° C	13	13	13	13	13	16	16	16	16	16	18	18	18	18	18
Range ° C	6	6	6	8	8	6	6	6	8	8	6	6	6	8	8
Approach ° C	4	6	7	4	7	4	6	7	4	7	4	6	7	4	7
Inlet Water Temperature ° C	23	25	26	25	28	26	28	29	28	31	28	30	31	30	33
Outlet Water Temperature ° C	17	19	20	17	20	20	22	23	20	23	22	24	25	22	25
DHC-100 in l/s	11.23	16.01	18.31	9.47	15.32	13.21	18.70	21.59	11.15	17.94	14.52	20.70	23.94	12.16	19.72
DHC-125 in l/s	14.04	20.02	22.89	11.84	19.15	16.52	23.38	26.99	13.94	22.42	18.14	25.87	29.93	15.21	24.65
DHC-150 in l/s	16.85	24.02	27.47	14.20	22.98	19.82	28.05	32.38	16.73	26.91	21.77	31.05	35.91	18.25	29.58
DHC-175 in l/s	19.66	28.02	32.04	16.57	26.81	23.12	32.73	37.78	19.52	31.39	25.40	36.22	41.90	21.29	34.50
DHC-200 in l/s	22.47	32.03	36.62	18.94	30.64	26.42	37.40	43.18	22.31	35.87	29.03	41.39	47.88	24.33	39.43
DHC-225 in l/s	25.28	36.03	41.20	21.31	34.47	29.73	42.08	48.57	25.09	40.36	32.66	46.57	53.87	27.37	44.36
DHC-250 in l/s	28.08	40.03	45.78	23.67	38.30	33.03	46.75	53.97	27.88	44.84	36.29	51.74	59.85	30.41	49.29
DHC-300 in l/s	33.70	48.04	54.93	28.41	45.96	39.64	56.10	64.76	33.46	53.81	43.55	62.09	71.82	36.49	59.15



Condition Reference #	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Wet Bulb ° C	21	21	21	21	21	24	24	24	24	24	27	27	27	27	27
Range ° C	6	6	6	8	8	6	6	6	8	8	6	6	6	8	8
Approach ° C	4	6	7	4	7	4	6	7	4	7	4	6	7	4	7
Inlet Water Temperature ° C	31	33	34	33	36	34	36	37	36	39	37	39	40	39	42
Outlet Water Temperature ° C	25	27	28	25	28	28	30	31	28	31	31	33	34	31	34
DHC-100 in l/s	16.88	24.04	27.84	14.26	22.80	19.68	27.91	32.15	16.53	26.25	22.88	31.53	36.67	19.06	29.90
DHC-125 in l/s	21.11	30.06	34.79	17.82	28.50	24.60	34.89	40.18	20.66	32.81	28.60	39.41	45.84	23.83	37.38
DHC-150 in l/s	25.33	36.07	41.75	21.38	34.20	29.52	41.87	48.22	24.79	39.38	34.32	47.29	55.01	28.59	44.86
DHC-175 in l/s	29.55	42.08	48.71	24.95	39.90	34.44	48.84	56.26	28.92	45.94	40.04	55.17	64.18	33.36	52.33
DHC-200 in l/s	33.77	48.09	55.67	28.51	45.60	39.36	55.82	64.29	33.05	52.50	45.76	63.06	73.35	38.13	59.81
DHC-225 in l/s	37.99	54.10	62.63	32.08	51.30	44.28	62.80	72.33	37.18	59.07	51.48	70.94	82.52	42.89	67.29
DHC-250 in l/s	42.21	60.11	69.59	35.64	57.00	49.20	69.78	80.37	41.31	65.63	57.20	78.82	91.69	47.66	74.76
DHC-300 in l/s	50.65	72.13	83.51	42.77	68.39	59.04	83.73	96.44	49.58	78.75	68.64	94.58	110.02	57.19	89.71



Condition Reference #	31	32	33	34	35	36	37	38	39	40	41	42	43	44
Wet Bulb ° C	29	29	29	29	29	32	32	32	32	32	21	25.56	27	28
Range ° C	6	6	6	8	8	6	6	6	8	8	5	5.56	5	5
Approach ° C	4	6	7	4	7	4	6	7	4	7	6	3.89	5	4
Inlet Water Temperature ° C	39	41	42	41	44	42	44	45	44	47	32	35.00	37	37
Outlet Water Temperature ° C	33	35	36	33	36	36	38	39	36	39	27	29.44	32	32
DHC-100 in l/s	25.41	34.82	40.31	20.88	33.06	30.62	40.82	47.17	24.46	39.37	26.93	22.05	31.49	27.78
DHC-125 in l/s	31.76	43.52	50.38	26.10	41.32	38.27	51.02	58.97	30.58	49.22	33.67	27.57	39.37	34.72
DHC-150 in l/s	38.11	52.22	60.46	31.32	49.59	45.92	61.23	70.76	36.69	59.06	40.40	33.08	47.24	41.67
DHC-175 in l/s	44.46	60.93	70.54	36.54	57.85	53.58	71.43	82.55	42.81	68.90	47.14	38.59	55.11	48.61
DHC-200 in l/s	50.81	69.63	80.61	41.76	66.11	61.23	81.64	94.35	48.92	78.75	53.87	44.10	62.98	55.56
DHC-225 in l/s	57.16	78.34	90.69	46.98	74.38	68.89	91.84	106.14	55.04	88.59	60.60	49.62	70.86	62.50
DHC-250 in l/s	63.52	87.04	100.77	52.19	82.64	76.54	102.05	117.93	61.15	98.43	67.34	55.13	78.73	69.44
DHC-300 in l/s	76.22	104.45	120.92	62.63	99.17	91.85	122.46	141.52	73.38	118.12	80.80	66.16	94.48	83.33