



MK Cross Flow Induced Draft Cooling Tower

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	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49
Wet Bulb °C	10	10	10	10	10	13	13	13	13	13	16	16	16	16	16	18	18	18	18	18	21	21	21	21	21	24	24	24	24	24	27	27	27	27	29	29	29	29	29	29	32.2	32.2	32.2	32.2	21	25.56	27	28	
Range °C	6	6	6	8	8	6	6	6	8	8	6	6	6	8	8	6	6	6	8	8	6	6	6	8	8	6	6	6	8	8	6	6	6	6	8	8	6	6	8	8	6	6	8	8	5	5.56	5	5	
Approach °C	4	6	7	4	7	4	6	7	4	7	4	6	7	4	7	4	6	7	4	7	4	6	7	4	7	4	6	7	4	7	4	6	7	4	7	4	6	7	4	7	4	6	7	4	7	6	3.89	5	4
Inlet Water Temperature °C	20	22	23	22	25	23	25	26	25	28	26	28	29	28	31	28	30	31	30	33	31	33	34	33	36	34	36	37	36	39	37	39	40	39	42	39	41	42	41	44	42.2	44.2	45.2	44.2	47.2	32	35.00	37	37
Outlet Water Temperature °C	14	16	17	14	17	17	19	20	17	20	20	22	23	20	23	22	24	25	22	25	25	27	28	25	28	28	30	31	28	31	31	33	34	31	34	33	35	36	33	36	36.2	38.2	39.2	36.2	39.2	27	29.44	32	32
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MK-6001	8.5	12.0	13.8	7.2	11.4	9.7	13.7	15.9	8.2	13.1	11.3	15.9	18.4	9.5	15.2	12.4	17.5	20.3	10.5	16.8	14.3	20.2	23.4	12.2	19.4	16.7	23.5	27.2	14.2	22.6	19.5	27.5	31.8	16.7	26.5	21.6	30.5	35.2	18.4	29.3	25.7	36.1	41.8	21.9	35.0	22.9	18.7	26.7	23.3
MK-6002	9.3	13.1	15.1	7.9	12.5	10.6	15.0	17.4	9.0	14.3	12.4	17.4	20.2	10.4	16.6	13.6	19.2	22.2	11.5	18.3	15.7	22.1	25.6	13.3	21.2	18.2	25.7	29.7	15.5	24.7	21.4	30.1	34.8	18.2	29.0	23.6	33.4	38.5	20.1	32.1	28.1	39.5	45.7	23.9	38.3	25.1	20.4	29.2	25.5
MK-6003	10.3	14.5	16.7	8.7	13.8	11.8	16.6	19.2	10.0	15.8	13.7	19.3	22.3	11.5	18.4	15.0	21.2	24.5	12.7	20.3	17.3	24.4	28.3	14.7	23.5	20.1	28.4	32.8	17.1	27.3	23.6	33.2	38.5	20.2	32.0	26.1	36.9	42.6	22.2	35.5	31.0	43.6	50.5	26.4	42.3	27.7	22.6	32.2	28.2
MK-8001	10.7	15.1	17.4	9.1	14.4	12.3	17.3	20.0	10.4	16.5	14.3	20.1	23.2	12.0	19.1	15.7	22.1	25.6	13.3	21.1	18.1	25.5	29.5	15.4	24.5	21.0	29.6	34.3	17.8	28.5	24.6	34.7	40.1	21.0	33.4	27.2	38.5	44.4	23.2	37.0	32.3	45.5	52.7	27.6	44.1	28.9	23.5	33.6	29.4
MK-8002	11.7	16.5	19.0	9.9	15.7	13.4	18.9	21.8	11.3	18.0	15.6	21.9	25.3	13.1	20.9	17.1	24.1	27.9	14.5	23.1	19.7	27.8	32.2	16.8	26.7	22.9	32.3	37.4	19.5	31.1	26.9	37.8	43.8	22.9	36.4	29.7	42.0	48.4	25.3	40.4	35.3	49.7	57.5	30.1	48.1	31.5	25.7	36.7	32.1
MK-8003	12.7	17.9	20.6	10.7	17.0	14.5	20.5	23.6	12.3	19.5	16.9	23.7	27.5	14.2	22.6	18.5	26.1	30.2	15.7	25.0	21.3	29.7	34.9	18.2	28.9	24.8	35.0	40.5	21.1	33.6	29.1	41.0	47.4	24.8	39.4	32.1	45.5	52.5	27.4	43.7	38.2	53.8	62.2	32.6	52.1	34.2	27.8	39.7	34.8
MK-9001	13.0	18.2	21.0	10.9	17.4	14.8	20.9	24.1	12.5	19.9	17.2	24.2	28.0	14.5	23.1	18.9	26.6	30.8	16.0	25.5	21.8	30.8	35.6	18.6	29.5	25.3	35.8	41.3	21.5	34.3	29.7	41.8	48.4	25.4	40.3	32.8	46.4	53.6	28.0	44.6	39.0	54.9	63.5	33.3	53.2	34.9	28.4	40.6	35.5
MK-9002	14.0	19.7	22.8	11.8	18.8	16.0	22.6	26.1	13.6	21.5	18.6	26.2	30.3	15.7	25.0	20.5	28.8	33.4	17.4	27.6	23.6	33.3	38.6	20.1	31.9	27.4	38.7	44.7	23.3	37.2	32.1	45.3	52.4	27.5	43.6	35.5	50.2	58.0	33.0	48.3	42.2	59.4	68.8	36.0	57.6	37.7	30.7	43.9	38.4
MK-9003	15.3	21.5	24.8	12.9	20.4	17.4	24.6	28.4	14.8	23.4	20.3	28.5	33.0	17.1	27.2	22.3	31.4	36.3	18.9	30.1	25.7	36.2	42.0	21.9	34.8	29.8	42.1	48.7	25.4	40.5	35.0	49.3	57.1	29.9	47.4	38.7	54.7	63.1	30.3	52.6	46.0	64.7	74.9	39.2	62.7	41.1	33.4	47.8	41.8
MK-11001	14.7	20.7	23.9	12.4	19.7	16.8	23.8	27.4	14.2	22.6	19.6	27.6	31.9	16.5	26.3	21.5	30.3	35.1	18.2	29.0	24.8	35.0	40.5	21.1	33.6	28.8	40.7	47.0	24.5	39.1	33.8	47.6	55.1	28.8	45.8	37.3	52.8	60.9	31.8	50.8	44.4	62.4	72.3	37.8	60.5	39.7	32.3	46.1	40.3
MK-11002	16.4	23.1	26.7	13.8	22.0	18.7	26.5	30.6	15.9	25.2	21.8	30.7	35.5	18.4	29.3	24.0	33.8	39.1	20.3	32.3	27.6	39.0	45.1	23.5	37.4	32.1	45.3	52.4	27.3	43.5	37.6	53.0	61.4	32.1	51.0	41.6	58.8	67.9	35.5	56.6	49.5	69.6	80.5	42.2	67.4	44.2	36.0	51.4	45.0
MK-11003	18.2	25.6	29.5	15.3	24.4	20.8	29.3	33.9	17.6	27.9	24.2	34.0	39.4	20.4	32.4	26.6	37.4	43.3	22.5	35.8	30.6	43.2	50.0	26.1	41.5	35.6	50.2	58.0	30.2	44.7	41.7	58.7	68.0	35.6	56.5	46.1	65.2	75.2	39.3	62.7	54.8	77.1	89.2	46.7	74.7	49.0	39.9	56.9	50.0
MK-12001	16.9	23.7	27.4	14.2	22.6	19.3	27.2	31.4	16.3	25.9	22.4	31.5	36.5	18.9	30.1	24.6	34.7	40.1	20.9	33.2	28.4	40.0	46.4	24.1	38.4	33.0	46.5	53.8	28.0	44.7	38.6	54.4	63.0	33.0	52.4	42.7	60.4	69.7	36.4	58.1	50.8	71.5	82.7	43.3	69.2	45.4	36.9	52.8	46.2
MK-12002	18.7	26.4	30.4	15.8	25.1	21.4	30.2	34.9	18.1	28.8	24.9	35.0	40.5	21.0	33.4	27.3	38.5	44.6	23.2	36.9	31.5	44.5	51.5	26.8	42.6	36.7	51.7	59.7	31.1	49.6	42.9	60.5	70.0	36.7	58.2	47.4	67.1	77.4	40.5	64.5	56.4	79.4	91.8	48.1	76.9	50.4	41.0	58.6	51.3
MK-12003	20.8	29.2	33.7	17.5	27.8	23.7	33.5	38.7	20.1	31.9	27.6	38.8	44.9	23.3	37.0	30.3	42.7	49.4	25.7	40.9	34.9	49.3	57.1	29.7	47.3	40.6	57.3	66.3	34.5	55.0	47.6	67.0	77.6	40.7	64.5	52.6	74.4	85.9	44.9	71.5	62.6	88.0	101.9	53.3	85.2	55.9	45.5	65.0	56.9
MK-13001	19.0	26.7	30.8	16.0	25.4	21.7	30.6	35.4	18.4	29.2	25.2	35.5	41.1	21.3	33.9	27.7	39.1	45.2	23.5	37.4	31.9	45.1	52.2	27.2	43.3	37.1	52.4	60.6	31.6	50.3	43.5	61.3	71.0	37.2	59.0	48.1	68.0	78.5	41.0	65.4	57.2	80.5	93.1	48.8	78.0	51.4	41.8	59.4	52.3
MK-13002	21.0	29.6	34.2	17.7	28.2	24.0	33.9	39.2	20.3	32.3	27.9	39.3	45.5	23.6	37.5	30.7	43.3	50.1	26.0	41.4	35.4	49.9	57.8	30.1	47.9	41.1	58.1	67.1	35.0	55.8	48.2	67.9	78.6	41.2	65.4	53.3	75.3	87.0	45.4	72.5	63.4	89.2	103.2	54.0	86.3	56.6	46.1	65.8	57.6
MK-13003	23.4	33.0	38.0	19.8	31.4	26.8	37.8	43.6	22.6	36.0	31.1	43.8	50.7	26.2	41.8	34.2	48.2	55.8	29.0	46.1	39.4	55.6	64.4	33.6	53.4	45.8	64.7	74.7	38.9	62.1	53.7	75.6	87.6	45.9	72.8	59.3	83.9	96.9	50.6	80.7	70.6	99.3	114.9	60.2	96.2	63.1	51.3	73.3	64.2
MK-15001	21.3	30.0	34.6	18.0	28.5	24.3	34.4	39.7	20.6	32.7	28.3	39.8	46.1	23.9	38.0	31.1	43.8	50.7	26.4	41.9	35.8	50.6	58.6	30.5	48.5	41.6	58.8	67.9	35.4	56.5	48.8	68.8	79.6	41.7	66.2	54.0	76.3	88.1	46.0	73.4	64.2	90.3	104.5	54.7	87.4	57.3	46.7	66.7	58.3
MK-15002	23.4	33.0	38.0	19.8	31.4	26.8	37.8	43.6	22.6	36.0	31.1	43.8	50.7	26.2	41.8	34.2	48.2	55.8	29.0	46.1	39.4	55.6	64.4	33.6	53.4	45.8	64.7	74.7	38.9	62.1	53.7	75.6	87.6	45.9	72.8	59.3	83.9	96.9	50.6	80.7	70.6	99.3	114.9	60.2	96.2	63.1	51.3	73.3	64.2
MK-15003	25.6	36.1	41.6	21.6	34.3	29.3	41.4	47.8	24.8	39.4	34.1	48.0	55.5	28.7	45.7	37.4	52.7	61.0	31.0	50.5	43.1	60.9	70.5	36.7	58.4	50.1	70.8	81.8	42.6	68.0	58.8	82.8	95.9	50.2	79.7	65.0	91.9	106.1	55.4	88.4	77.3	108.7	125.8	65.9	105.3	69.0	56.2	80.3	70.2
MK-18001	25.5	36.0	41.5																																														