

MITA PM Series (PMS and PME-E) Revision 0, 2016

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	27	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	6	8	8	6	6	6	8	6	6	6	6	8	8	6	6	8	8	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	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	
PMS 6/65 K12	1.0	1.4	1.6	0.9	1.3	1.1	1.5	1.7	1.0	1.4	1.3	1.7	1.9	1.1	1.6	1.4	1.9	2.1	1.2	1.8	1.6	2.1	2.4	1.3	2.0	1.8	2.4	2.7	1.5	2.3	2.0	2.7	NC	1.7	2.6	2.2	NC	NC	1.9	NC	2.5	NC	NC	2.1	NC	2.4	1.9	2.6	2.3
PMS 9/85 K12	2.0	2.7	3.0	1.7	2.6	2.2	3.0	3.4	1.9	2.9	2.5	3.4	3.8	2.2	3.2	2.7	3.6	4.1	2.4	3.5	3.1	4.1	4.6	2.6	3.9	3.4	4.6	5.3	3.0	4.4	3.9	5.3	NC	3.4	5.1	4.3	NC	NC	3.7	NC	4.9	NC	4.3	NC	4.6	3.8	5.1	4.5	
PMS 9/110 K12	3.3	4.3	4.9	2.8	4.1	3.6	4.8	5.4	3.1	4.6	4.1	5.4	6.1	3.5	5.2	4.4	5.9	6.6	3.8	5.6	4.9	6.6	7.5	4.3	6.3	5.6	7.9	8.4	4.9	7.2	6.3	8.4	NC	5.5	8.1	6.9	NC	NC	6.0	NC	7.9	NC	NC	6.9	NC	7.4	6.1	8.2	7.3
PMS 9/130 K12	4.7	6.2	7.0	4.1	5.9	5.2	6.9	7.9	4.5	6.7	5.8	7.8	8.8	5.1	7.5	6.3	8.4	9.5	5.5	8.1	7.1	9.5	10.8	6.2	9.1	8.0	10.8	12.1	7.0	10.3	9.1	12.2	NC	7.9	11.7	9.9	NC	NC	8.6	NC	11.3	NC	NC	9.9	NC	10.6	8.7	11.8	10.4
PMS 10/180 K12	7.3	9.7	11.0	6.3	9.3	8.1	10.9	12.3	7.1	10.4	9.1	12.2	13.8	7.9	11.7	9.9	13.2	14.9	8.6	12.6	11.1	14.9	16.8	9.7	14.3	12.6	16.8	19.0	10.9	16.1	14.2	19.0	NC	12.4	18.3	15.5	NC	NC	13.5	NC	17.7	NC	NC	15.5	NC	16.6	13.6	18.4	16.3
PMS 10/240 K12	9.3	12.4	14.1	8.1	11.9	10.4	13.9	15.7	9.0	13.3	11.7	15.6	17.6	10.1	14.9	12.6	16.9	19.1	11.0	16.2	14.2	19.0	21.5	12.4	18.3	16.1	21.5	24.3	14.0	20.6	18.2	24.3	NC	15.9	23.4	19.8	NC	NC	17.3	NC	22.7	NC	NC	19.8	NC	21.2	17.5	23.5	20.9
PMS 10/260 K12	11.6	15.6	17.6	10.1	14.9	13.0	17.4	19.6	11.3	16.6	14.6	19.5	22.0	12.7	18.7	15.8	21.1	23.8	13.7	20.2	17.8	23.8	26.9	15.5	22.8	20.1	26.8	30.4	17.5	25.8	22.8	30.4	NC	19.8	29.3	24.8	NC	NC	21.6	NC	28.4	NC	NC	24.8	NC	26.5	21.8	29.4	26.1
PME-E 1803 K12	10.5	14.0	15.8	9.1	13.4	11.7	15.6	17.7	10.2	15.0	13.1	17.5	19.8	11.4	16.8	14.2	19.0	21.4	12.3	18.2	16.0	21.4	24.2	13.9	20.6	18.1	24.2	27.3	15.8	23.2	20.5	27.4	NC	17.9	26.3	22.3	NC	NC	19.4	NC	25.5	NC	NC	22.3	NC	23.8	19.6	26.4	23.5
PME-E 1804 K12	11.4	15.1	16.9	9.9	14.4	12.7	16.8	18.9	11.1	16.2	14.2	18.8	21.2	12.4	18.1	15.4	20.3	22.9	13.5	19.6	17.3	22.9	25.8	15.2	22.1	19.5	25.8	29.1	17.1	24.9	22.1	29.2	NC	19.4	28.2	24.0	NC	NC	21.1	NC	27.4	NC	NC	24.1	NC	25.4	21.2	28.3	25.2
PME-E 2053 K12	15.2	20.3	23.0	13.2	19.4	17.0	22.7	25.7	14.8	21.8	19.1	25.5	28.8	16.6	24.4	20.6	27.5	31.1	17.9	26.4	23.2	31.0	35.1	20.2	29.8	26.3	35.1	39.6	22.9	33.7	29.7	39.7	NC	25.9	38.2	32.3	NC	NC	28.2	NC	37.1	NC	NC	32.3	NC	34.6	28.5	38.4	34.1
PME-E 2054 K12	16.6	21.9	24.6	14.4	21.0	18.4	24.4	27.5	16.1	23.4	20.6	27.3	30.8	18.1	26.3	22.3	29.5	33.3	19.5	28.4	25.1	33.3	37.4	22.0	32.1	28.3	37.5	42.2	24.9	36.2	32.1	42.4	NC	28.2	40.9	34.8	NC	NC	30.6	NC	39.9	NC	NC	35.0	NC	36.9	30.8	41.0	36.6
PME-E 2403 K12	17.7	23.7	26.8	15.4	22.6	19.8	26.4	29.9	17.2	25.3	22.2	29.6	33.5	19.3	28.4	24.0	32.1	36.3	20.8	30.8	27.0	36.1	40.9	23.5	34.7	30.6	40.8	46.2	26.6	39.3	34.6	46.2	NC	30.2	44.5	37.6	NC	NC	32.8	NC	43.1	NC	NC	37.6	NC	40.3	33.2	44.7	39.7
PME-E 2404 K12	19.3	25.5	28.7	16.8	24.4	21.5	28.4	32.0	18.8	27.3	24.0	31.8	35.8	21.0	30.6	26.0	34.4	38.7	22.8	33.1	29.2	38.7	43.6	25.6	37.3	33.0	43.7	49.2	28.9	42.1	37.3	49.4	NC	32.8	47.6	40.6	NC	NC	35.6	NC	46.4	NC	NC	40.8	NC	42.9	35.8	47.8	42.6
PME-E 2853 K12	21.6	28.8	32.6	18.7	27.6	24.1	32.2	36.4	20.9	30.8	27.0	36.1	40.8	23.5	34.6	29.2	39.1	44.1	25.4	37.5	32.9	44.0	49.8	28.6	42.3	37.2	49.7	56.2	32.4	47.8	42.1	56.3	NC	36.8	54.2	45.9	NC	NC	40.0	NC	52.5	NC	NC	45.8	NC	49.1	40.4	54.4	48.4
PME-E 2854 K12	23.4	31.0	34.9	20.5	29.8	26.1	34.6	38.9	22.9	33.3	29.3	38.8	43.6	25.6	37.3	31.6	41.9	47.1	27.7	40.3	35.6	47.1	53.1	31.2	45.4	40.2	53.2	59.9	35.3	51.3	45.5	60.1	NC	39.9	58.0	49.4	NC	NC	43.4	NC	56.5	NC	NC	49.7	NC	52.3	43.6	58.1	51.9
PME-E 3103 K12	23.5	31.4	35.4	20.4	30.0	26.2	35.0	39.6	22.8	33.6	29.4	39.3	44.4	25.5	37.7	31.8	42.5	48.0	27.6	40.8	35.8	47.9	54.1	31.2	46.0	40.5	54.1	61.1	35.3	52.0	45.8	61.3	NC	40.0	58.9	49.9	NC	NC	43.5	NC	57.1	NC	NC	49.9	NC	53.4	44.0	59.2	52.6
PME-E 3104 K12	25.5	33.7	38.0	22.3	32.4	28.4	37.6	42.4	24.9	36.2	31.8	42.1	47.5	27.9	40.6	34.4	45.5	51.3	30.1	43.9	38.7	51.3	57.7	33.9	49.4	43.7	57.8	65.1	38.4	55.8	49.4	65.4	NC	43.4	63.1	53.8	NC	NC	47.2	NC	61.5	NC	NC	54.0	NC	56.9	47.4	63.3	56.5
PME-E 3353 K12	25.4	33.9	38.3	22.0	32.4	28.3	37.8	42.8	24.6	36.3	31.8	42.4	48.0	27.6	40.7	34.3	45.9	51.9	29.8	44.1	38.7	51.7	58.5	33.7	49.7	43.7	58.4	66.1	38.1	56.2	49.6	66.2	NC	43.2	63.7	53.9	NC	NC	47.0	NC	61.8	NC	NC	53.9	NC	57.7	47.6	64.0	56.9
PME-E 3354 K12	27.6	36.4	41.0	24.1	35.0	30.7	40.7	45.8	26.9	39.1	34.4	45.6	51.3	30.1	43.8	37.2	49.2	55.4	32.6	47.4	41.9	55.4	62.4	36.7	53.4	47.3	62.5	70.4	41.4	60.3	53.4	70.7	NC	46.9	68.2	58.1	NC	NC	51.0	NC	66.4	NC	NC	58.4	NC	61.5	51.3	68.3	61.0
PME-E 3603 K12	27.3	36.4	41.1	23.6	34.8	30.4	40.7	46.0	26.4	38.9	34.1	45.6	51.6	29.6	43.8	36.9	49.3	55.8	32.1	47.3	41.6	55.6	62.9	36.2	53.4	47.0	62.8	71.0	40.9	60.4	53.3	71.1	NC	46.4	68.4	57.9	NC	NC	50.5	NC	66.4	NC	NC	57.9	NC	62.0	51.1	68.8	61.1
PME-E 3604 K12	29.6	39.2	44.1	25.9	37.6	33.0	43.7	49.2	28.9	42.0	37.0	48.9	55.1	32.4	47.1	39.9	52.9	59.6	35.0	50.9	45.0	59.5	67.1	39.4	57.4	50.8	67.2	75.6	44.6	64.8	57.4	75.9	NC	50.4	73.3	62.4	NC	NC	54.8	NC	71.4	NC	NC	62.8	NC	66.1	55.1	73.4	65.6
PME-E 4103 K12	30.8	41.1	46.4	26.7	39.3	34.3	45.9	51.8	29.8	43.9	38.5	51.4	58.1	33.4	49.3	41.6	55.6	62.9	36.2	53.4	46.9	62.7	70.9	40.8	60.3	53.0	70.8	80.1	46.2	68.1	60.1	80.2	NC	52.3	77.2	65.3	NC	NC	57.0	NC	74.8	NC	NC	65.3	NC	69.9	57.6	77.6	68.9
PME-E 4104 K12	33.4	44.2	49.7	29.2	42.4	37.3	49.2	55.5	32.6	47.4	41.7	55.2	62.2	36.5	53.1	45.1	59.6	67.2	39.5	57.4	50.7	67.1	75.6	44.5	64.7	57.3	75.8	85.3	50.3	73.1	64.8	85.6	NC	56.9	82.6	70.4	NC	NC	61.8	NC	80.5	NC	NC	70.8	NC	74.5	62.1	82.8	74.0
PME-E 4803 K12	35.8	47.8	54.1	31.1	45.8	40.0	53.4	60.4	34.7	51.2	44.																																						