



Sinro SC-H  
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
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
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
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
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
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
SC-101HA	24	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	19	20	NC	16	15	21	25	12
SC-101HB	28	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	23	23	NC	19	17	25	29	13
SC-101HC	31	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	25	26	NC	21	19	27	33	15
SC-101HD	35	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	28	29	NC	23	21	31	36	17
SC-102HA	36	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	28	29	NC	24	22	31	37	17
SC-102HB	39	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	31	32	NC	26	24	34	41	19
SC-102HC	44	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	35	36	NC	29	27	38	45	21
SC-102HD	48	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	38	40	NC	32	30	42	50	23
SC-103HA	52	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	41	43	NC	35	32	45	54	25
SC-103HB	58	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	46	47	NC	39	35	50	60	27
SC-103HC	66	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	52	54	NC	44	40	57	68	31
SC-103HD	73	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	58	60	NC	49	44	63	75	34
SC-104HA	59	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	47	49	NC	40	36	52	62	28
SC-104HB	66	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	52	54	NC	44	40	57	68	31
SC-104HC	74	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	59	61	NC	50	45	65	77	35
SC-104HD	83	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	66	68	NC	55	50	72	86	39
SC-105HA	73	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	58	60	NC	49	44	64	76	34
SC-105HB	83	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	66	68	NC	56	51	72	86	39
SC-105HC	92	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	73	75	NC	62	56	80	95	43
SC-105HD	98	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	78	81	NC	66	60	86	102	47
SC-106HA	102	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	81	84	NC	68	62	89	106	48
SC-106HB	113	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	90	93	NC	76	69	99	117	53
SC-106HC	121	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	96	99	NC	81	74	106	126	57
SC-106HD	128	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	102	105	NC	86	78	112	133	61
SC-107HA	114	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	90	93	NC	76	69	99	118	54
SC-107HB	128	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	102	105	NC	86	78	112	134	61
SC-107HC	138	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	109	113	NC	92	84	120	143	65
SC-107HD	146	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	116	120	NC	98	89	127	152	69
SC-108HA	121	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	97	100	NC	81	74	106	126	57
SC-108HB	135	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	107	111	NC	90	82	118	140	64
SC-108HC	143	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	114	118	NC	96	87	125	149	68
SC-108HD	153	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	122	126	NC	103	94	134	159	72
SC-109HA	151	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	120	124	NC	102	92	132	158	72
SC-109HB	169	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	134	139	NC	113	103	148	176	80
SC-109HC	175	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	139	144	NC	117	107	153	182	83
SC-109HD	188	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	150	155	NC	126	115	165	196	89
SC-110HA	179	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	143	148	NC	120	110	157	187	85
SC-110HB	187	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	149	154	NC	126	114	164	195	89
SC-110HC	198	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	157	163	NC	133	121	173	206	94
SC-110HD	218	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	174	179	NC	147	133	191	227	103
SC-111HA	193	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	153	158	NC	129	118	168	200	91
SC-111HB	204	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	162	168	NC	137	125	178	213	97
SC-111HC	226	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	180	186	NC	152	138	198	236	107
SC-111HD	243	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	193	200	NC	163	148	212	253	115
SC-112HA	222	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	176	182	NC	149	135	194	231	105
SC-112HB	246	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	195	202	NC	165	150	215	256	116
SC-112HC	264	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	210	217	NC	177	161	230	274	125
SC-112HD	281	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	224	231	NC	189	172	246	293	133

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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
21	24	24	24	24	24	27	27	27	27	27	29	29	29	29	29	32.2	32.2	32.2	32.2	32.2		21	25.56	27	28
8	6	6	6	8	8	6	6	6	8	8	6	6	6	8	8	6	6	6	8	8		5	5.56	5	5
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
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
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

Sinro model No.

5	1.1	1.0	1.5	1.7	0.8	1.3	1.2	1.6	1.8	1.0	1.5	1.3	1.7	2.0	1.0	1.6	NC	NC	NC	NC	NC		1.4	1.1	1.6	1.4
10	2.2	2.1	2.9	3.3	1.7	2.6	2.3	3.2	3.6	1.9	2.9	2.5	3.5	4.0	2.1	3.2	NC	NC	NC	NC	NC		2.8	2.2	3.2	2.8
20	4.5	4.1	5.8	6.6	3.4	5.2	4.6	6.4	7.3	3.9	5.8	5.1	6.9	8.0	4.2	6.4	NC	NC	NC	NC	NC		5.6	4.3	6.3	5.6
30	6.7	6.2	8.7	9.9	5.1	7.7	7.0	9.6	10.9	5.8	8.7	7.6	10.4	12.0	6.3	9.6	NC	NC	NC	NC	NC		8.4	6.5	9.5	8.3
40	9.0	8.3	11.6	13.2	6.7	10.3	9.3	12.8	14.6	7.7	11.7	10.1	13.8	16.0	8.3	12.8	NC	NC	NC	NC	NC		11.1	8.6	12.7	11.1
50	11.2	10.3	14.5	16.5	8.4	12.9	11.6	16.1	18.2	9.6	14.6	12.7	17.3	20.0	10.4	16.0	NC	NC	NC	NC	NC		13.9	10.8	15.8	13.9
60	13	12	17	20	10	15	14	19	22	12	17	15	21	24	13	19	NC	NC	NC	NC	NC		17	13	19	17
70	16	14	20	23	12	18	16	22	25	13	20	18	24	28	15	22	NC	NC	NC	NC	NC		20	15	22	19
80	18	17	23	26	13	21	19	26	29	15	23	20	28	32	17	26	NC	NC	NC	NC	NC		22	17	25	22
90	20	19	26	30	15	23	21	29	33	17	26	23	31	36	19	29	NC	NC	NC	NC	NC		25	19	29	25
100	22	21	29	33	17	26	23	32	36	19	29	25	35	40	21	32	NC	NC	NC	NC	NC		28	22	32	28
125	28	26	36	41	21	32	29	40	45	24	36	32	43	50	26	40	NC	NC	NC	NC	NC		35	27	40	35
150	34	31	44	50	25	39	35	48	55	29	44	38	52	60	31	48	NC	NC	NC	NC	NC		42	32	48	42
175	39	36	51	58	30	45	41	56	64	34	51	44	60	70	36	56	NC	NC	NC	NC	NC		49	38	55	49
200	45	41	58	66	34	52	46	64	73	39	58	51	69	80	42	64	NC	NC	NC	NC	NC		56	43	63	56
225	50	47	65	74	38	58	52	72	82	43	66	57	78	90	47	72	NC	NC	NC	NC	NC		63	48	71	63
250	56	52	73	83	42	64	58	80	91	48	73	63	86	100	52	80	NC	NC	NC	NC	NC		70	54	79	69
300	67	62	87	99	51	77	70	96	109	58	87	76	104	120	63	96	NC	NC	NC	NC	NC		84	65	95	83
330	74	68	96	109	56	85	77	106	120	64	96	84	114	132	69	106	NC	NC	NC	NC	NC		92	71	105	92
350	78	72	102	116	59	90	81	112	127	67	102	89	121	140	73	112	NC	NC	NC	NC	NC		98	75	111	97
370	83	76	107	122	62	95	86	119	135	71	108	94	128	148	77	119	NC	NC	NC	NC	NC		103	80	117	103
400	90	83	116	132	67	103	93	128	146	77	117	101	138	160	83	128	NC	NC	NC	NC	NC		111	86	127	111
450	101	93	131	149	76	116	104	145	164	87	131	114	155	180	94	144	NC	NC	NC	NC	NC		125	97	143	125
500	112	103	145	165	84	129	116	161	182	96	146	127	173	200	104	160	NC	NC	NC	NC	NC		139	108	158	139
600	135	124	174	198	101	155	139	193	218	116	175	152	207	240	125	192	NC	NC	NC	NC	NC		167	129	190	167
700	157	145	203	231	118	180	162	225	255	135	204	177	242	280	146	224	NC	NC	NC	NC	NC		195	151	222	194
800	179	165	232	264	135	206	186	257	291	154	233	202	276	320	167	256	NC	NC	NC	NC	NC		223	172	254	222
900	202	186	261	297	152	232	209	289	328	173	262	228	311	360	188	289	NC	NC	NC	NC	NC		251	194	285	250
1000	224	207	290	330	169	258	232	321	364	193	291	253	345	400	208	321	NC	NC	NC	NC	NC		279	215	317	278

