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SuperFlow Cooling Towers Pvt. Ltd., India
SFCT Series Certified Counterflow Cooling Towers
CTI Certification Validation Number C154A-25R00
July 29, 2025 (Revision 0, reissued September 25, 2025)

- SFCT-SQ-08
- SFCT-SQ-09
- SFCT-SQ-11
- SFCT-SQ-13
- SFCT-SQ-15
- SFCT-SQ-16
- SFCT-SQ-18

Footnotes:

1. Multi-cell configurations of the primary single cell models are certified with an adjustment of the leg height of all of the cells to permit more open area for the remaining, unblocked, inlets of interior cells. This option limits the impact on airflow rate or capacity of the individual cells.
2. Certification includes optional items that do not affect thermal capacity, such as access ladder, handrails, maintenance platform and walkway, etc.

Certified Model Number Example: SFCT-SQ-11-2

Where: SFCT = The Product Series
SQ-11 = Model Code
-2 = 2 Cell Model (capacity equals 2 times single cell rating)





CTI Certification Validation No. C154A-25R00

(M): 9810337622, 9310337622

SuperFlow Cooling Towers Pvt Ltd

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TECHNICAL DATA SHEET

S. No	Model No.	Flow Rate	Length MM	Width MM	Height MM	Fan Dia	Hot Water Temp. Cooling Tower In	Cold Water Temp. Cooling Tower Out	Make-Up Water Temp. Wet Bulb	Motor HP/ RPM
1	SFCT SQ-08	1283 LPM	2450	2450	3050	1500 mm X 1 No.	37°	32°	28°	5 HP/ 960 RPM X 01 No.
2	SFCT SQ-09	1630 LPM	2750	2750	3250	1500 mm X 1 No.	37°	32°	28°	7.5 HP/ 960 RPM X 01 No.
3	SFCT SQ-11	2126 LPM	3050	3050	3250	1800 mm X 1 No.	37°	32°	28°	10 HP/960 RPM X 1 No.
4	SFCT SQ-13	3210 LPM	3660	3660	3300	1500 mm X 2 Nos.	37°	32°	28°	7.5 HP/ 960 RPM X 2 Nos.
5	SFCT SQ-15	4216 LPM	4250	4250	3300	1800 mm X 2 Nos.	37°	32°	28°	7.5 HP/ 960 RPM X 02 Nos.
6	SFCT SQ-16	5415 LPM	5450	5450	3300	1500 mm X 4 Nos.	37°	32°	28°	7.5 HP/960 RPM X 4 Nos.
7	SFCT SQ-18	6450 LPM	6100	6100	3300	1800 mm X 4 Nos.	37°	32°	28°	7.5 HP/ 960 RPM X 04 Nos.

Superflow Cooling Towers SFCT-SQ-FRP Selection

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	
Wet Bulb °C	10	10	10	10	10	13	13	13	13	13	16	16	16	16	16	18	18	18	18	18	18	21	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	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	7	
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	
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	

Flow Rate(m3/Hr.)

SCFT-SQ-FRP-08	27.06	40.39	47.62	22.29	38	31.17	46.56	54.9	25.48	43.88	36.15	53.86	63.39	29.57	50.91	39.98	59.54	70.06	32.82	56.34	46.62	69.34	81.49	38.37	65.74
SCFT-SQ-FRP-09	34.9	50.87	60.06	28.4	47.82	39.23	58.7	69.16	31.97	55.29	45.52	68.01	80.18	37.26	64.25	50.36	75.16	88.61	41.28	71.11	58.87	87.69	103.3	48.39	83.18
SCFT-SQ-FRP-11	44.23	66.32	78.25	46.55	62.32	51.1	76.48	90.21	41.67	72.08	59.24	88.71	104.4	48.51	83.76	65.61	98	115.4	53.79	92.75	76.72	114.4	134.7	63.07	108.5
SCFT-SQ-FRP-13	84	102.2	119.8	69	96.49	79.77	117.4	137.5	65.72	111.1	92.05	135.4	158.5	76.16	128.4	101.8	149.2	174.6	84.22	141.7	118.4	173.2	202.5	98.26	164.9
SCFT-SQ-FRP-15	94.4	136.9	159.5	78.3	129.9	108	156.5	182.3	89.9	148.9	124.6	179.8	209.4	103.8	171.4	137.1	197.7	230	114.4	188.7	158.7	228	265	133	218.6
SCFT-SQ-FRP-16	117.4	173.2	203	96.3	163.2	135	198.8	233	111	188	156	229.3	269	128.7	217.6	172	252.6	295	142.4	239	199.5	292	342	165.5	279
SCFT-SQ-FRP-18	142.4	210	242	116.7	198.2	163.7	236	277	134.7	223.7	189	272	319	156.2	259	209	300	352	173	285	238	348	408	196.9	332

Condition Reference #	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	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	25.6	27	28
Range °C	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
Approach °C	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	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	37	37
Outlet Water Temperature °C	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	29.4	32	32

Flow Rate(m3/Hr.)

SCFT-SQ-FRP-08	54.61	81.02	95.2	45.06	77	64.07	94.81	111.2	53.06	90.27	71.55	105.4	123.5	59.26	100.6	85.29	125.1	146.4	70.84	119.6	79.89	59.78	90.48	77.02
SCFT-SQ-FRP-09	68.97	102.6	120.6	56.92	97.56	81.34	120.4	141.4	67.09	114.7	90.79	134.1	157.3	75.07	127.9	108.4	159.4	186.7	90.09	152.4	101.3	75.78	114.9	97.83
SCFT-SQ-FRP-11	89.98	133.8	157.4	74.24	127.3	106.1	157	184.5	87.62	149.7	118.4	174.9	205.3	97.99	167	141.5	208	244	117.5	199	132	98.8	149.6	127.6
SCFT-SQ-FRP-13	138.3	201.6	235	115	192.4	161.9	235	274	135.2	225.1	179.8	261	304	150.6	250	213.5	308	358	179.3	296	198.4	151.2	224.5	192.6
SCFT-SQ-FRP-15	184.5	264	307	155.1	254	214.8	307	356	181.4	295	238	339	393	201.5	327	281	399	460	238	385	260	201	293	253
SCFT-SQ-FRP-16	233	340	398	193.7	325	273	397	464	228	381	303	441	515	253	423	360	522	608	302	501	335	255	379	325
SCFT-SQ-FRP-18	277	405	474	231	388	325	473	553	271	453	361	525	613	302	503	428	621	724	359	597	400	303	452	387