GALVANIZED COOLING TOWER

Features

- Heavy galvanized steel sheets basin & construction
- Double inlet centrifugal fan with forward curved balanced static & dynamical
- Equipped with high quality pulleys, v-belt and bearings
- 3phase motor drive
- Using high quality P.V.C to making wet surfaces (filling)
- Whisper quiet operation
- Heavy galvanized steel sheet mist eliminators
- Maximum corrosion protection with using epoxy coating

Technical and Physical Data

Model	Cap. (Tons)	Water Flow Rate (GPM)	Blower						System Electrical Data			Weight (Kg)			
			No.	Dia. (Inch)	Motor(1)		Motor(2)		KW Input	Total Amp.	Wire Size	Single Stage		Two Stages	
					No.	Power(HP)	No.	Power(HP)				Net	Oper.	Net	Oper.
1SRCT 10	10	30	1	13	1	1	-	-	1.1	2.25	4×1	330	420	370	460
1SRCT 15	15	45	1	17	1	11/2	-	-	1.4	2.85	4×1	430	530	485	585
1SRCT 20	20	60	1	19	1	2	-	-	2.0	4.00	4×1	475	645	545	715
1SRCT 25	25	75	1	19	1	3	-	-	2.8	5.25	4×1	570	770	665	865
1SRCT 30	30	90	1	22	1	3	-	-	2.8	5.25	4×1	665	1015	770	1120
1SRCT 35	35	105	1	22	1	4	-	-	3.75	7.50	4×1.5	780	1210	910	1340
1SRCT 40	40	120	1	22	1	5.5	-	-	4.9	8.90	4×1.5	830	1300	970	1440
1SRCT 50	50	150	1	22	1	5.5	-	-	4.9	8.90	4×1.5	1000	1630	1180	1810
1SRCT 60	60	180	1	22	1	5.5	-	-	4.9	8.90	4×1.5	1140	1940	1350	2150
1SRCT 75	75	225	2	22	1	10	-	-	8.8	16.5	4×4	1425	2425	1680	2680
1SRCT 90	90	270	2	22	1	10	-	-	8.8	16.5	4×4	1570	2720	1850	3000
1SRCT105	105	315	2	22	2	5.5	-	-	9.8	17.8	4×4	1665	3065	2010	3410
1SRCT120	120	360	3	22	1	10	1	5.5	13.7	25.4	4×6	2375	4025	2790	4440
1SRCT140	140	420	3	22	1	10	1	5.5	13.7	25.4	4×6	2850	4850	3330	5330
1SRCT160	160	480	4	22	2	10	-	-	17.6	33.0	4×10	3325	5625	3875	6175
1SRCT180	180	540	4	22	2	10	-	-	17.6	33.0	4×10	3375	5675	3955	6255
1SRCT220	220	660	5	22	5	5.5	-	-	24.5	44.5	4×16	3390	6790	3700	7500
1SRCT260	260	780	6	22	6	5.5	-	-	29.5	53.4	3×25/16	4750	8250	5565	9065
1SRCT300	300	900	7	22	7	5.5	-	-	34.3	62.3	3×25/16	5320	9220	6300	10200
2SRCT 340	340	1020	8	22	8	5.5	-	-	39.2	71.2	3×25/16	6175	10675	7255	11755
2SRCT 400	400	1200	10	22	10	5.5	-	-	49.0	89.0	3×35/16	6650	12150	8000	13500
2SRCT 450	450	1350	12	22	12	5.5	-	-	58.8	106.8	3×50/25	8550	15350	10115	16915
2SRCT 500	500	1500	12	22	12	5.5	-	-	58.8	106.8	3×50/25	8550	15350	10115	16915
2SRCT 580	580	1740	14	22	14	5.5	-	-	68.6	124.6	3×70/35	9500	17000	11365	18865
2SRCT 660	660	1980	16	22	16	5.5	-	-	78.4	142.4	3×70/35	11875	20875	14010	23010
2SRCT 740	740	2220	18	22	18	5.5	-	-	88.2	160.2	3×95/50	13300	23300	15690	25690
2SRCT 820	820	2460	20	22	20	5.5	-	-	98.0	178.0	3×120/70	14725	25725	17385	28385
2SRCT 900	900	2700	22	22	22	5.5	-	-	107.8	195.8	3×120/70	16150	28650	19065	31565
2SRCT 980	980	2940	24	22	24	5.5	-	-	117.6	213.6	3×150/70	16625	30125	19800	33300
2SRCT 1060	1060	3180	26	22	26	5.5	-	-	127.4	231.4	3×150/70	19000	34000	22445	37445
2SRCT 1140	1140	3420	28	22	28	5.5	-	-	137.2	249.2	3×150/70	20900	36400	24600	40100

Note:

- Two 5.5 HP electric motors can be installed in place of 10 HP electric motor when required.
- Wire sizes given are at maximum length, of 50 m and maximum ambient temperature of 50sC.
- Consider 23 feet of nozzle head per unit listed.

Dimension and Connection

Model	Cap. (Tons)	Water Flow Rate (GPM)	Blower						System Electrical Data			Weight (Kg)			
			No.	Dia. (Inch)	Motor(1)		Motor(2)		KW Input	Total Amp.	Wire Size	Single Stage		Two Stages	
					No.	Power(HP)	No.	Power(HP)				Net	Oper.	Net	Oper.
1SRCT 10	10	30	1	13	1	1	-	-	1.1	2.25	4×1	330	420	370	460
1SRCT 15	15	45	1	17	1	11/2	-	-	1.4	2.85	4×1	430	530	485	585
1SRCT 20	20	60	1	19	1	2	-	-	2.0	4.00	4×1	475	645	545	715
1SRCT 25	25	75	1	19	1	3	-	-	2.8	5.25	4×1	570	770	665	865
1SRCT 30	30	90	1	22	1	3	-	-	2.8	5.25	4×1	665	1015	770	1120
1SRCT 35	35	105	1	22	1	4	-	-	3.75	7.50	4×1.5	780	1210	910	1340
1SRCT 40	40	120	1	22	1	5.5	-	-	4.9	8.90	4×1.5	830	1300	970	1440
1SRCT 50	50	150	1	22	1	5.5	-	-	4.9	8.90	4×1.5	1000	1630	1180	1810
1SRCT 60	60	180	1	22	1	5.5	-	-	4.9	8.90	4×1.5	1140	1940	1350	2150
1SRCT 75	75	225	2	22	1	10	-	-	8.8	16.5	4×4	1425	2425	1680	2680
1SRCT 90	90	270	2	22	1	10	-	-	8.8	16.5	4×4	1570	2720	1850	3000
1SRCT105	105	315	2	22	2	5.5	-	-	9.8	17.8	4×4	1665	3065	2010	3410
1SRCT120	120	360	3	22	1	10	1	5.5	13.7	25.4	4×6	2375	4025	2790	4440
1SRCT140	140	420	3	22	1	10	1	5.5	13.7	25.4	4×6	2850	4850	3330	5330
1SRCT160	160	480	4	22	2	10	-	-	17.6	33.0	4×10	3325	5625	3875	6175
1SRCT180	180	540	4	22	2	10	-	-	17.6	33.0	4×10	3375	5675	3955	6255
1SRCT220	220	660	5	22	5	5.5	-	-	24.5	44.5	4×16	3390	6790	3700	7500
1SRCT260	260	780	6	22	6	5.5	-	-	29.5	53.4	3×25/16	4750	8250	5565	9065
1SRCT300	300	900	7	22	7	5.5	-	-	34.3	62.3	3×25/16	5320	9220	6300	10200
2SRCT 340	340	1020	8	22	8	5.5	-	-	39.2	71.2	3×25/16	6175	10675	7255	11755
2SRCT 400	400	1200	10	22	10	5.5	-	-	49.0	89.0	3×35/16	6650	12150	8000	13500
2SRCT 450	450	1350	12	22	12	5.5	-	-	58.8	106.8	3×50/25	8550	15350	10115	16915
2SRCT 500	500	1500	12	22	12	5.5	-	-	58.8	106.8	3×50/25	8550	15350	10115	16915
2SRCT 580	580	1740	14	22	14	5.5	-	-	68.6	124.6	3×70/35	9500	17000	11365	18865
2SRCT 660	660	1980	16	22	16	5.5	-	-	78.4	142.4	3×70/35	11875	20875	14010	23010
2SRCT 740	740	2220	18	22	18	5.5	-	-	88.2	160.2	3×95/50	13300	23300	15690	25690
2SRCT 820	820	2460	20	22	20	5.5	-	-	98.0	178.0	3×120/70	14725	25725	17385	28385
2SRCT 900	900	2700	22	22	22	5.5	-	-	107.8	195.8	3×120/70	16150	28650	19065	31565
2SRCT 980	980	2940	24	22	24	5.5	-	-	117.6	213.6	3×150/70	16625	30125	19800	33300
2SRCT 1060	1060	3180	26	22	26	5.5	-	-	127.4	231.4	3×150/70	19000	34000	22445	37445
2SRCT 1140	1140	3420	28	22	28	5.5	-	-	137.2	249.2	3×150/70	20900	36400	24600	40100

Note:

- Add 300 mm to “H” Dimension for additional stage.
- All entries subject to change without notice.