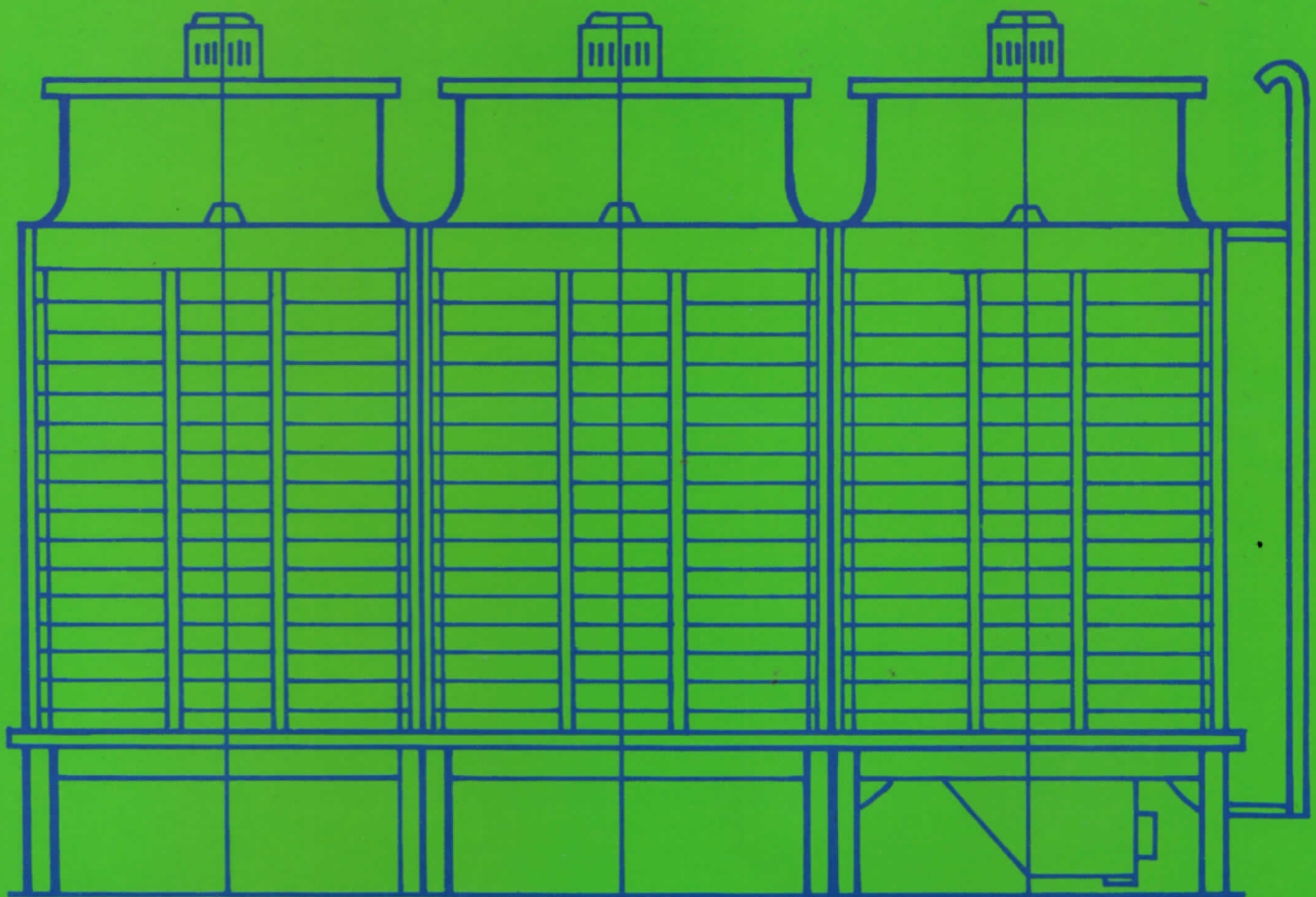


COOLING TOWER

CMS SERIES

CROSSFLOW INDUCED DRAFT



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FEATURES

1. COMPACT CONSTRUCTION, LIGHT WEIGHT AND HIGHT EFFICIENCY

COMPARISON WITH ORDINARY TYPE, THE SPACE OF INSTALLATION AND WEIGIT OF OPERATION CAN BE GREATLY REDUCED OF HIGH EFFICIENCY OF INNER FILLING. IT CAN ALSO MINIMIZE THE LOAD OF FLOOR.

2. LOW NOISE

BECAUSE OF SPECIAL DESIGN AND HIGH PERFORMANCE OF FAN ASSEMBLY, THE LEVEL OF NOISE IS LOWERED. ADJUSTABLE ANGLE OF FAN BLADES IS SUITABLE FOR DIFFERENT CONDITIONS OPERATION.

3. ENERGY-SAVING

THE LOWER-PRESSURE-LOSS FILLING AND FAN STACK OF SPECIAL DESIGN CAN IMPROVE AIR FLOW AND ALSO USE FAN MOTOR OF LOWER-POWER CONSUMPTION.

4. EXCELLENT RESISTANCE OF CORROSION AND LONG LIFE

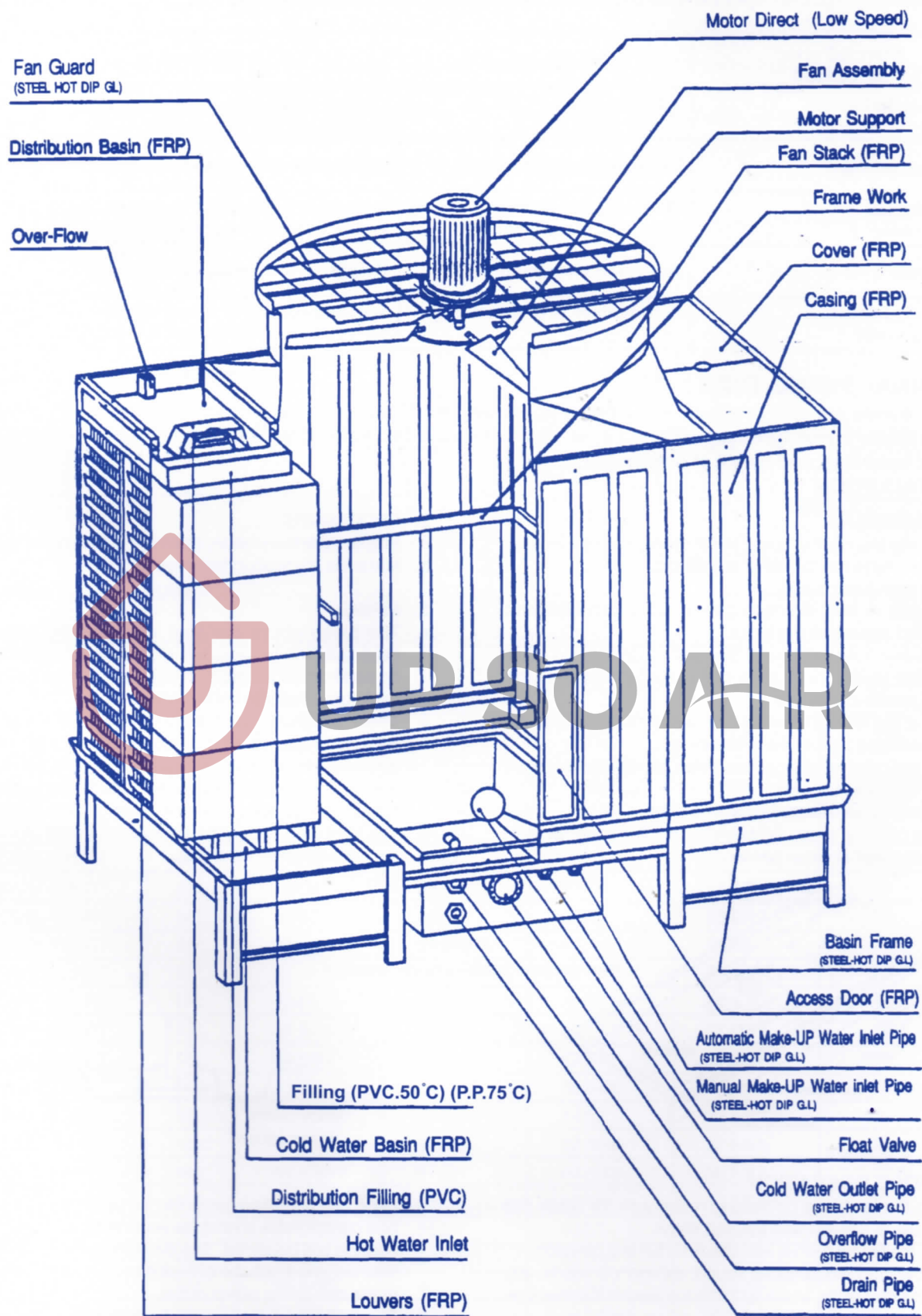
IN ORDER TO PREVENT FROM CORROSION AND TO PROLONG THE LIFE OF COOLING TOWER. ALL STEEL COMPONENTS ARE HOT-DIP GALVANIZED AND THE CASING, COLD WATER BASIN, DISTRIBUTION & PARTIAL PRATS ARE MADE OF FRP WHICH IS MATERIAL OF ANTI-CORROSION.

5. ANTI-STORM DESIGN

UNDER CIRCUMSTANCES OF STORM, THE OPERATION OF COOLING TOWER CAN STILL RUN NORMALLY BECAUSE STRENGTH OF CONSTRUCTION CAN MEET THE REQUIREMENT OF STANDARD.

6. SIMPLE INSTALLATION

PARTIAL PARTS ARE PRE-ASSEMBLED IN FACTORY SO THE COOLING TOWER IS DIVIDED INTO SEVERAL SECTIONS FOR RE-ASSEMBLING EASILY AT FIELD.



SPECIAL SPECIFICATION

the following special special specifications or optional unit are available

Special spec or option	Application	Description
Vibra-isolation device	Vibra-isolation	Cooling tower vibrations a bosorbed by antivibration rubber vibration insulator, etc.
Internal passage	Improved maintainability	Serviceable for internal inspection.
Distribution basin cover	Water quality stability, improved maintainability	Intercepts the sunlight to control the algae. Useful as foot-hold in inspecting the tower top.
Handrail	Improved maintainability	Helpful in inspecting the tower top
Corrosion-resistant cooling tower	Salt-damage prevention	Anti-salt coating or use of stainless steel for higher cor-rosion resistance. (not for sea water)

INTERNAL PIPING TYPE

All the models are also available with internal piping system. The distribution basin is equipped with a simple flow control valve. These types are different from standard one in hot water inlet pipe, dead weight, operating weight, internal head loss, and height of gravity.

● INSTALLATION

1. LOCATION

To keep the cooling tower in full swing, choose a place according to the following conditions.

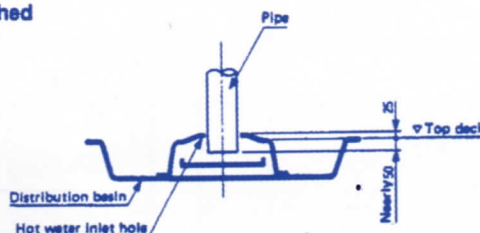
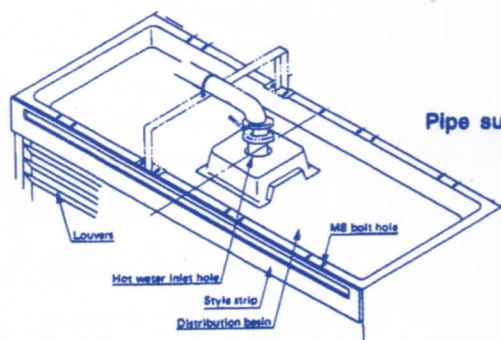
- Well-ventilated, clean.
- Exhaust air from the cooling tower is not circulated and sucked again into the tower.
- Free from much dust and dirt, sulfurous acid and other hazard gases; these are a major cause to damage the refrigerator condenser.
- Not in the vicinity of kitchen or restroom exhaust ports, or ammonia type copying machine.
- Not near smokestack or stovepipe, or radiant heat from any other heat source.
- Open and not affected by sound echo.
- 2.7m or more space between the cooling tower air inlet and the wall or other barrier.

2. PROCEDURE

- Prepare the foundation, referring to the elated drawings.
- Make the foundation top even and level.

3. PIPING

- The pipes above the cold water basins water level- especially, the horizontal line atop the tower body-should be as short as possible. This helps to keep backwater at minimum when the cooling tower stops.
- There are plural pipes leading to the distribution basin. Be sure to equip a flow control valve with each of the hot water inlet pipes. The internal piping type is equipped with a simple flow control valve. An overall flow control valve should be equipped at the circulating water pump outlet.
- The inlet pipe should be positioned a bout 50mm below the cooling tower top deck.



● BEFORE OPERATION

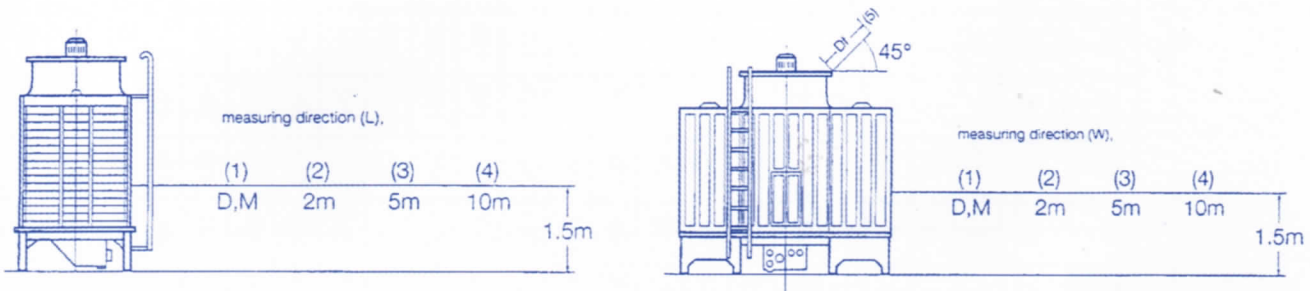
- Turn the fan blade by hand to make sure the blade tips are out of contact with the fan stack.
- Run the fan for a while and check for turning direction (arrow-marked), unusual sound, excess vibrations, etc.
- Fill the cold water basin up to the top level of the overflow pipe.
- Run the circulating pump for a while to force air out of the pipes until the pipes and cold water basin are filled up with water. Be careful not to allow air to be sucked into the cooling water outlet pipe.
- Bring the circulating pump into full operation and adjust the flow control valve so that the water level of the distribution basin is will be balanced. The circulating water flow rate is then adjusted with the overall flow controll valve located at the circulating pump outlet.
- The ball tap of the automatic make-up water inlet pipe should be adjusted so that water is interrupted slightly below the overflow water level.

NOISE LEVEL

1. Measuring Method

1. Measuring point [1] is horizontal distance D.M, equal to the width or length, away from the louvers or casing and 1.5m above the fundamental level. If D is less than 1.5m, take the distance of 1.5m.
2. Measuring point [5] is 45-degree upper distance "Df", equal to the fan diameter, away from the top edge of the fan stack. If "Df" is less than 1.5m, take the distance of 1.5m.
3. Measured noise levels should not be affected by surroundings such as echo.

2. Measuring Point



3. Noise Level Table

CMS SERIES (LOW NOISE TYPE)

Unit, dB(A)

Model	Measuring distance Measuring direction	Measuring Point				
		(1) D,M	(2) 2m	(3) 5m	(4) 10m	(5) 45°upper Dfm
CMS-80 RT	M/L	58/51	57/53	54/49	49.5/43.5	62
CMS-100 RT	M/L	61/54	60/56	57/52	52.5/46.5	65
CMS-125 RT	M/L	66/59	65/61	62/57	57.5/51.5	70
CMS-150 RT	M/L	64/57	63/59	60/55	55.5/49.5	68
CMS-175 RT	M/L	67.5/60.5	66.5/62.5	63.5/58.5	59/53	71.5
CMS-200 RT	M/L	65.5/58.5	65/61	62/57	57.5/51.5	70
CMS-225 RT	M/L	63/56	63/59	60/55.5	55.5/50	68
CMS-250 RT	M/L	65.5/58.5	65/61	62/57.5	57.5/52	70
CMS-300 RT	M/L	64.5/59	65.5/61	62/57	57.5/51.5	70.5
CMS-350 RT	M/L	68/62	69/64.5	65.5/60	61/54.5	74
CMS-400 RT	M/L	65.5/59.5	67/62	64/58	59.5/52.5	72
CMS-450 RT	M/L	62.5/57	65/60	62.5/56	57.5/51	70
CMS-500 RT	M/L	64.5/59.5	67/62	64.5/58	59.5/53	72.5
CMS-600 RT	M/L	64/60.5	68/63	65/59	60.5/53.5	73
CMS-700 RT	M/L	61.5/58.5	66/61	63/57	58.5/52	71.5
CMS-800 RT	M/L	63/60.5	69/63	66/59	61.5/53.5	74
CMS-900 RT	M/L	60.5/59	68/62	65/57.5	60/52.5	72.5
CMS-1000 RT	M/L	62.5/61	70/64	66.5/59.5	62/54.5	74.5
CMS-1250 RT	M/L	62.5/60.5	70/64	66.5/59	61.5/54	75
CMS-1400 M	M/L	60/59	68/62	65/57	60/52	72
CMS-1750 M	M/L	60/59	68/62	65/57	60/52	72
CMS-2000 M	M/L	60/59	68/62	65/57	60/52	72

SUITABLE COOLING TOWER SELECTION TABLE

WATER FLOW RATE OF CMS-SERIES AT DIFFERENT OPERATION CONDITIONS (m3/h)

DESIGN CONDITION:

T1=37°C ...Inlet Water Temperature
T2=32°C ...Outlet Water Temperature
Tw=27°C ...Wet-Build Temperature
R=T1-T2, °C...Range
A=T2-Tw, °C...Approach

T1, °C	35	36	35	36	37	38	36	37	38	37	38	37	38	39	40	40	41	43	41	42	42	43	45	43	45	47	48	48	50	50	
	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
T2, °C	31	32	30	31	32	33	30	31	32	30	31	32	30	31	32	33	32	33	35	32	33	35	32	33	35	34	33	35	34	34	
R, °C4	4	4	5	5	5	5	6	6	6	7	7	7	8	8	8	8	8	8	9	9	10	10	11	12	12	14	15	15	16	16	
A, °C	4	5	3	4	5	6	3	4	5	3	4	5	6	5	6	5	6	8	5	6	5	6	5	6	8	7	6	8	7	7	
CMS-80	58	68	39	51	63	69	36	44	53	32	40	49	57	44	52	44	52	63	41	49	39	46	60	37	41	54	44	37	48	41	41
CMS-100	72	85	49	63	78	86	44	55	66	40	49	60	71	55	65	55	65	83	51	61	48	57	73	46	51	67	54	46	59	51	51
CMS-125	90	106	61	79	97.5	108	55	69	83	50	62	75	89	69	81	69	81	104	64	76	60	71	92	58	64	84	68	58	74	64	64
CMS-150	108	128	73	95	117	129	66	83	98	60	74	90	106	83	97	106	83	123	77	91	72	85	112	69	77	100	81	69	89	77	77
CMS-175	126	149	85	111	136.5	151	77	96	116	70	86	105	123	96	114	123	96	144	89	106	84	99	131	81	89	117	95	81	103	89	89
CMS-200	144	170	97	126	156	172	88	110	132	80	98	120	141	110	130	141	130	165	102	122	96	114	149	92	102	134	108	92	118	102	102
CMS-225	162	191	109	142	175.5	194	99	124	149	90	111	135	158	124	146	158	146	186	115	137	108	128	165	104	115	150	122	104	133	115	115
CMS-250	180	213	121	158	195	215	110	138	165	100	123	150	177	138	162	177	162	207	128	152	121	142	180	115	128	167	136	115	148	128	128
CMS-300	217	255	146	190	234	258	132	165	198	120	148	181	212	165	195	212	165	248	153	182	145	170	220	138	153	201	163	138	177	153	153
CMS-350	254	298	170	221	273	301	154	193	231	140	172	211	246	193	227	246	193	289	179	213	168	199	261	161	179	234	191	161	207	179	179
CMS-400	286	340	194	252	312	344	176	220	264	160	197	241	282	220	259	282	259	331	205	243	193	227	296	184	205	267	217	184	237	205	205
CMS-450	324	382	218	285	351	387	198	248	297	180	222	271	317	248	293	317	293	372	231	273	217	255	330	207	231	301	245	207	267	231	231
CMS-500	369	424	243	315	390	430	220	275	330	200	247	301	352	275	325	352	325	414	256	304	242	284	370	230	256	333	272	231	298	256	256
CMS-600	432	510	291	378	468	516	264	330	396	240	296	361	423	331	389	423	389	496	308	364	289	341	460	276	308	401	326	277	356	308	308
CMS-700	505	595	340	442	546	602	308	385	462	275	346	421	494	385	455	494	455	579	359	425	339	397	510	322	359	466	382	324	415	359	359
CMS-800	575	679	388	504	624	688	352	440	528	315	396	481	564	441	520	564	520	662	411	485	386	454	587	368	411	534	435	369	475	411	411
CMS-900	648	764	437	567	702	774	396	495	594	360	446	540	636	495	585	636	585	749	462	549	436	513	660	414	462	601	490	416	535	462	462
CMS-1000	720	850	486	630	780	860	440	550	660	400	498	603	705	551	649	705	649	827	514	607	485	570	720	461	514	668	545	462	596	514	514
CMS-1250	900	1050	613	788	975	1065	540	688	825	500	610	750	882	688	811	882	811	1033	641	763	614	713	911	576	641	835	678	576	739	641	641
CMS-1400	1016	1192	680	884	1092	1204	616	772	924	560	688	844	984	772	908	984	908	1156	716	852	672	796	1044	644	716	936	764	644	828	716	716
CMS-1750	1270	1490	850	1105	1365	1505	770	965	1155	700	860	1055	1230	965	1135	1230	1135	1445	895	1065	840	995	1305	805	895	1170	955	805	1035	895	895
CMS-2000	1440	1700	972	1260	1560	1720	880	1100	1320	800	996	1206	1410	1102	1298	1410	1298	1654	1028	1214	970	1140	1440	922	1028	1336	1090	924	1192	1028	1028

CMS SERIES MODEL SELECTION CHART

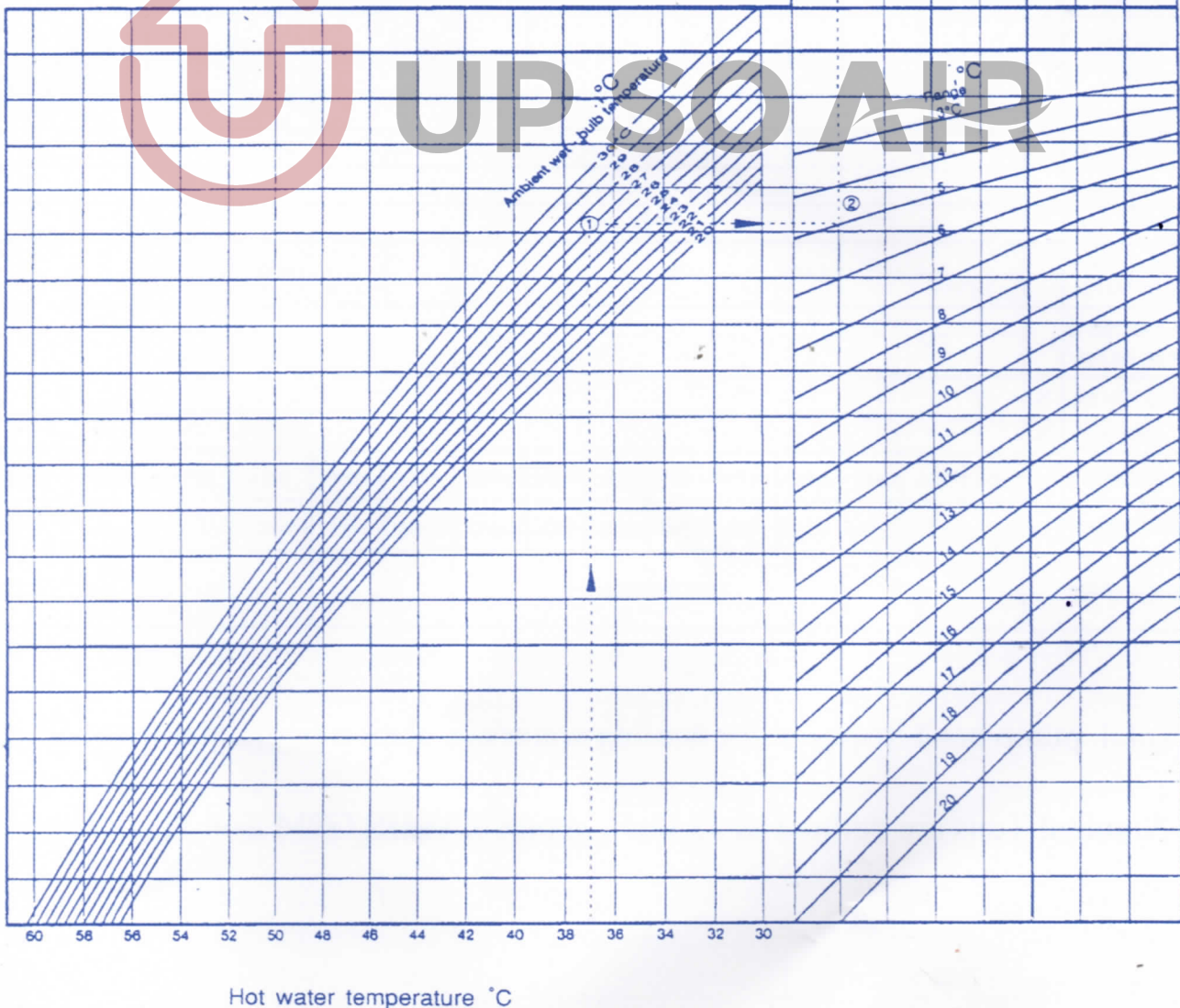
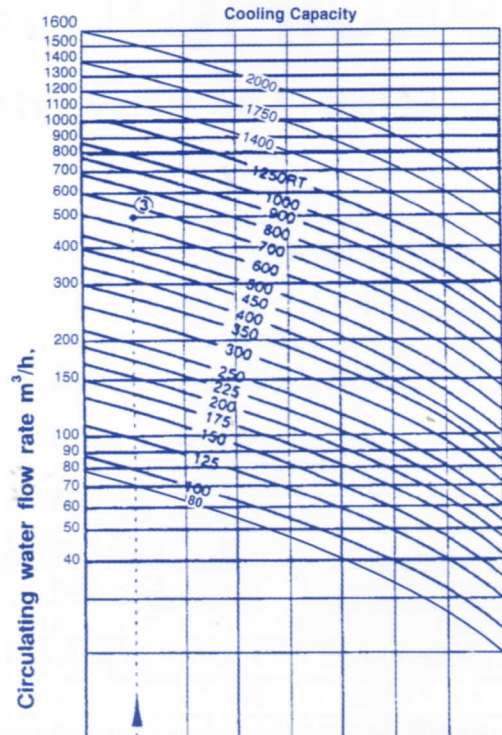
FOR EXEMPEL

Hot water temperature : 37°C
Cold water temperature : 32°C
Range : 5°C
Wet - bulb temperature : 27°C
Circulating water flow rate : 500 m³/h

How to read the shart

1. Trace up the Hot water temperature of 37 °C vertically to find the inter secting point 1 with the 27 °C ambient wet-bulb temperature curve.
2. shift the point 1 to the right to find the intersection point 2 with the 5 °C range curve.
3. Than trace up again from the point 2 to find the intersecting point 3 with the 500 m³/h circulating water flow rate.
4. Now you notice the required cooling capacity of 640RT, The suitable model is CMS-700

* If suitable model cannot be found from the chart, please inquire us.



SPECIFICATION

CMS - Series - Low Noise Type & Super Low Noise Type

Model			CMS-80	CMS-100	CMS-125	CMS-150	CMS-175	CMS-200	CMS-225	CMS-250	CMS-300S	CMS-350M	CMS-400M	CMS-300	CMS-350	CMS-400	CMS-450	CMS-500	CMS-600	
Item			RT	80	100	125	150	175	200	225	250	300	350	400	300	350	400	450	500	600
Capacity	Cooling capacity	RT	80	100	125	150	175	200	225	250	300	350	400	300	350	400	450	500	600	
	Heat Load	kcal/h	312,000	390,000	487,500	585,000	682,500	780,000	877,500	975,000	1,170,000	1,365,000	1,560,000	1,170,000	1,365,000	1,560,000	1,755,000	1,950,000	2,340,000	
	Circulating Water Flow Rate	m ³ /h	62.4	78	97.5	117	136.5	156	175.5	195	234	273	312	234	273	312	351	390	468	
Overall dimensions	Width (W)	mm	1,500			1,900		2,100		2,450			2,450		3,770		4,170		4,870	
	Length (L)	mm	3,200			3,500		3,700		3,900			3,900		3,500		3,700		3,900	
	Overall height (H)	mm	3,500			3,600		3,600		3,700			4,700		3,600				3,700	
	Height	mm	2,950										3,950		2,950					
Fan Assembly	Diameter	mm	1,350			1,500	1,650	1,800	2,200				1,500X 2		1,650 X 2	1,800 X2	2,200			
	Fan Speed	rpm	720			560				460			350		560					
	Air Flow	m ³ /h	32,400	39,000	48,500	58,500	68,000	78,000	87,750	100,000	120,000	136,500	156,000	120,000	136,500	156,000	175,500	200,000	234,000	
	Motor Rated Output	HP	2	3	5.5		7.5			10			5.5 X 2		7.5 X 2					
Piping Diameter	Hot water inlet hole		100A X 2							125A X 2			100A X4		125AX4					
	Cold water outlet pipe		125A			150A			200A				250A							
	Drain pipe		50A			65A			80A											
	Overflow pipe		50A			65A			80A											
	Manual make-up Water Inlet Pipe		25A			40A				50A		40A			50A					
	Automatic make-up Water Inlet Pipe		25A			40A									50A					
Make-up	Evaporation loss	%																		
	Drift loss	%																		
Weight	Dead weight	kg	780	850	890	1,010	1,020	1,250	1,450	1,500	1,600	1,800	2,000	2,020	2,040	2,500	2,900	3,000	3,200	
	Operating weight	kg	1,670	1,750	1,790	2,200	2,250	2,800	3,370	3,490	3,590	3,800	4,000	4,400	4,500	5,600	6,740	6,980	7,100	
NUMBER OF CELL			SINGLE CELL											2 CELLS						

1. Total pump head required for cooling water circulation pump is the sum of condenser
2. Nominal Tons are defined as 13 l/min /Ton (3.43 US.GPM/Ton), cooled from 37⁰ C

	CMS-700M	CMS-800M	CMS-600	CMS-700	CMS-900S	CMS-1050M	CMS-1200M	CMS-800	CMS-900	CMS-1000	CMS-1200S	CMS-1400M	CMS-1600M	CMS-1250	CMS-1500S	CMS-1750M	CMS-2000M
	700	800	600	700	900	1,050	1,200	800	900	1,000	1,200	1,400	1,600	1,250	1,500	1,750	2,000
	2,730,000	3,120,000	2,340,000	2,730,000	3,510,000	4,095,000	4,680,000	3,120,000	3,510,000	3,900,000	4,680,000	5,460,000	6,240,000	4,875,000	5,850,000	6,825,000	7,800,000
	546	624	468	546	702	819	936	624	702	780	936	1,092	1,248	975	1,170	1,365	1,560
	4,870	6,240	7,290	7,290	8,310	9,710	9,710	12,130	12,130								
	3,900	3,700	3,900	3,900	3,700	3,900	3,900	3,900	3,900	3,900	3,900	3,900	3,900	3,900	3,900	3,900	3,900
	4,700	3,600	3,700	4,700	3,600	3,700	4,700	3,600	3,700	4,700	3,600	3,700	4,700	3,600	3,700	4,700	3,600
	3,950	2,950	3,950	2,950	3,950	2,950	3,950	2,950	3,950	2,950	3,950	2,950	3,950	2,950	3,950	2,950	3,950
	1,800X3	2,200X3	1,800X4	2,200X4	2,200 X 5												
460	350	560	460	350	560	460	350	560	460	350	560	460	350	560	460	350	560
	275,000	312,000	234,000	275,000	351,000	409,500	468,000	312,000	351,000	400,000	468,000	546,000	624,000	500,000	600,000	682,500	800,000
10 X 2	7.5X3	10 X 3	7.5 X 4	10 X 4	7.5 X 5	10 X 5											
	125A X 6	125A X 8	125A X 10														
	200A X 2	250A X 2	300A X 2														
	80A X 2	80A X 2															
	40A X 2	50A X 2															
	40A X 2	50A X 2															
0.87																	
Less than 0.005																	
3 600	4,000	3,750	4,350	4,800	5,400	6,000	4,600	5,500	5,590	6,400	8,000	8,000	7,850	8,000	8,700	10,000	
7,600	8,000	8,400	10,110	10,770	11,400	12,000	11,300	13,200	13,700	14,360	17,800	16,000	17,450	17,950	18,700	20,000	
	3 CELLS	4 CELLS	5 CELLS														

water pressure drop , piping friction loss and tower head .

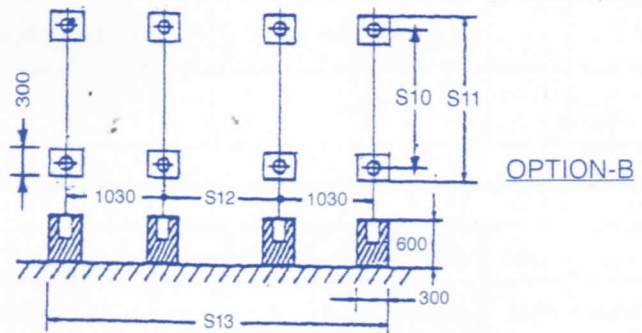
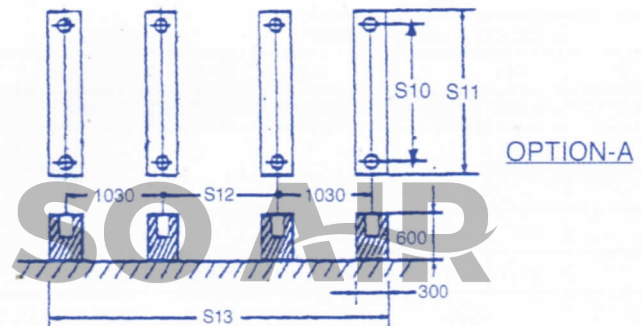
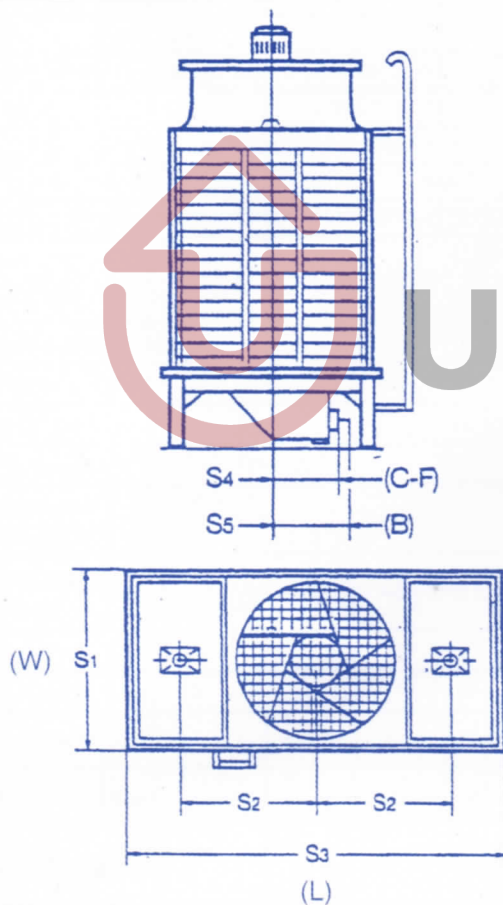
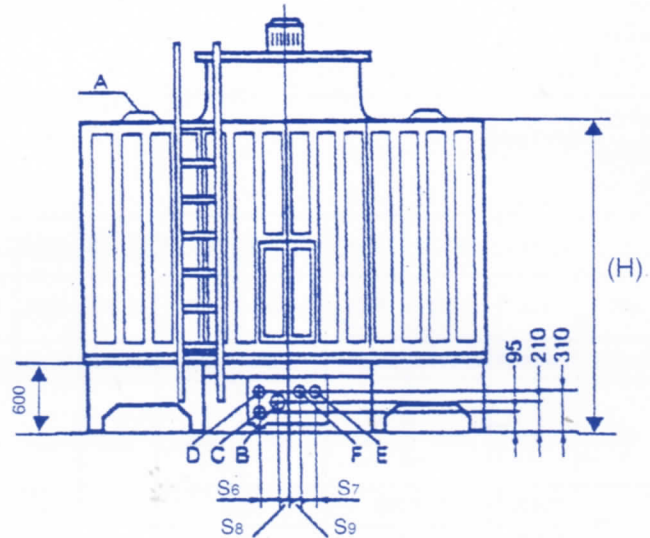
at 32⁰ C with 27⁰ C wet bulb temperature.

DIMENSIONS AND FOUNDATION

CMS-80, 100, 125, 150, 175, 200, 225, 250, 300S, 350M, 400M

Piping Location

Symbol	Name
A	Hot water inlet pipe
B	Cold water outlet pipe
C	Drain pipe
D	Overflow pipe
E	Automatic make-up water inlet pipe
F	Manual make-up water inlet pipe

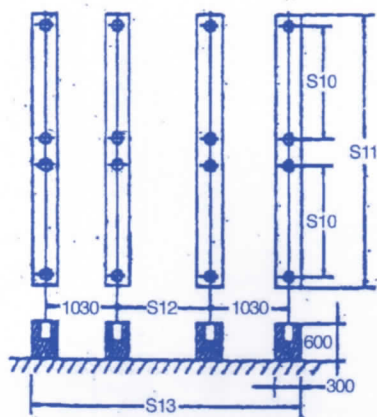
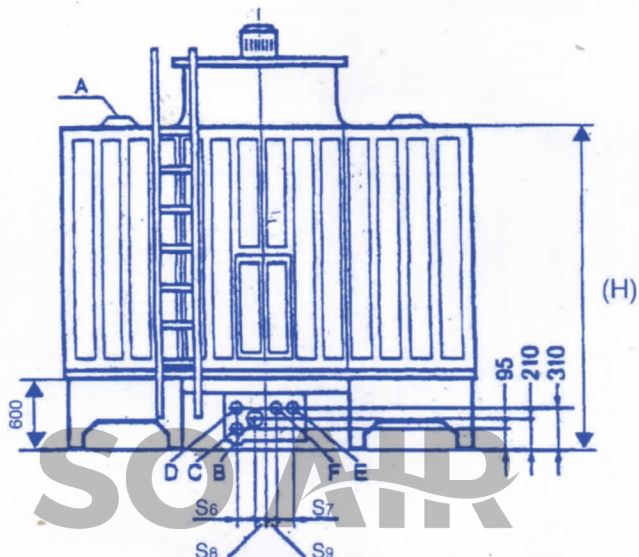
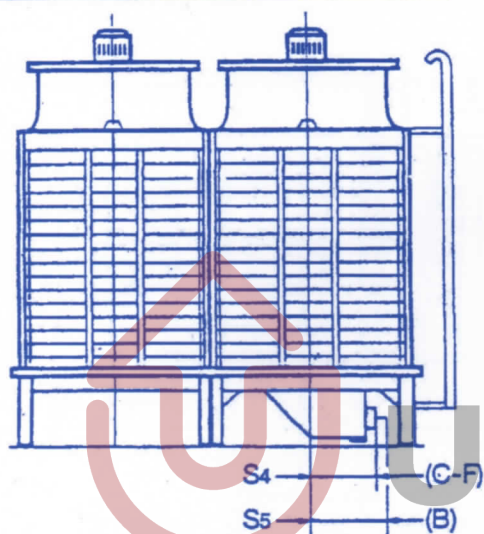
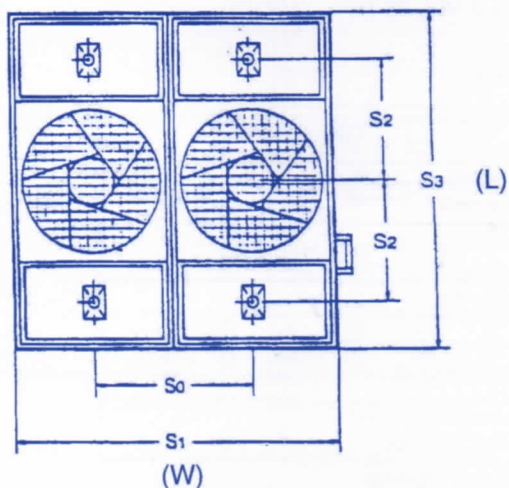


SYMBOL MODEL	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	S13
CMS - 80,100,125	1500	1187.5	3200	460	560	240	150	60	150	1320	1800	1000	3360
CMS - 150,175	1900	1337.5	3500	500	550	250	180	80	150	1770	2250	1300	3660
CMS - 200	2100	1437.5	3700	500	550	250	180	80	150	1920	2450	1500	3860
CMS - 225, 250	2450	1537.5	3900	500	550	300	200	100	200	2270	2800	1700	4060
CMS - 300S	2450	1537.5	3900	500	550	300	200	100	200	2270	2800	1700	4060
CMS - 350M, 400M	2450	1537.5	3900	500	550	300	200	100	200	2270	2800	1700	4060

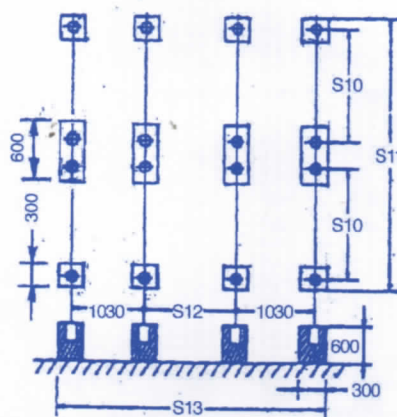
CMS-300, 350, 400, 450, 500, 600S, 700M, 800M

Piping Location

Symbol	Name
A	Hot water inlet pipe
B	Cold water outlet pipe
C	Drain pipe
D	Overflow pipe
E	Automatic make-up water inlet pipe
F	Manual make-up water inlet pipe



OPTION-A



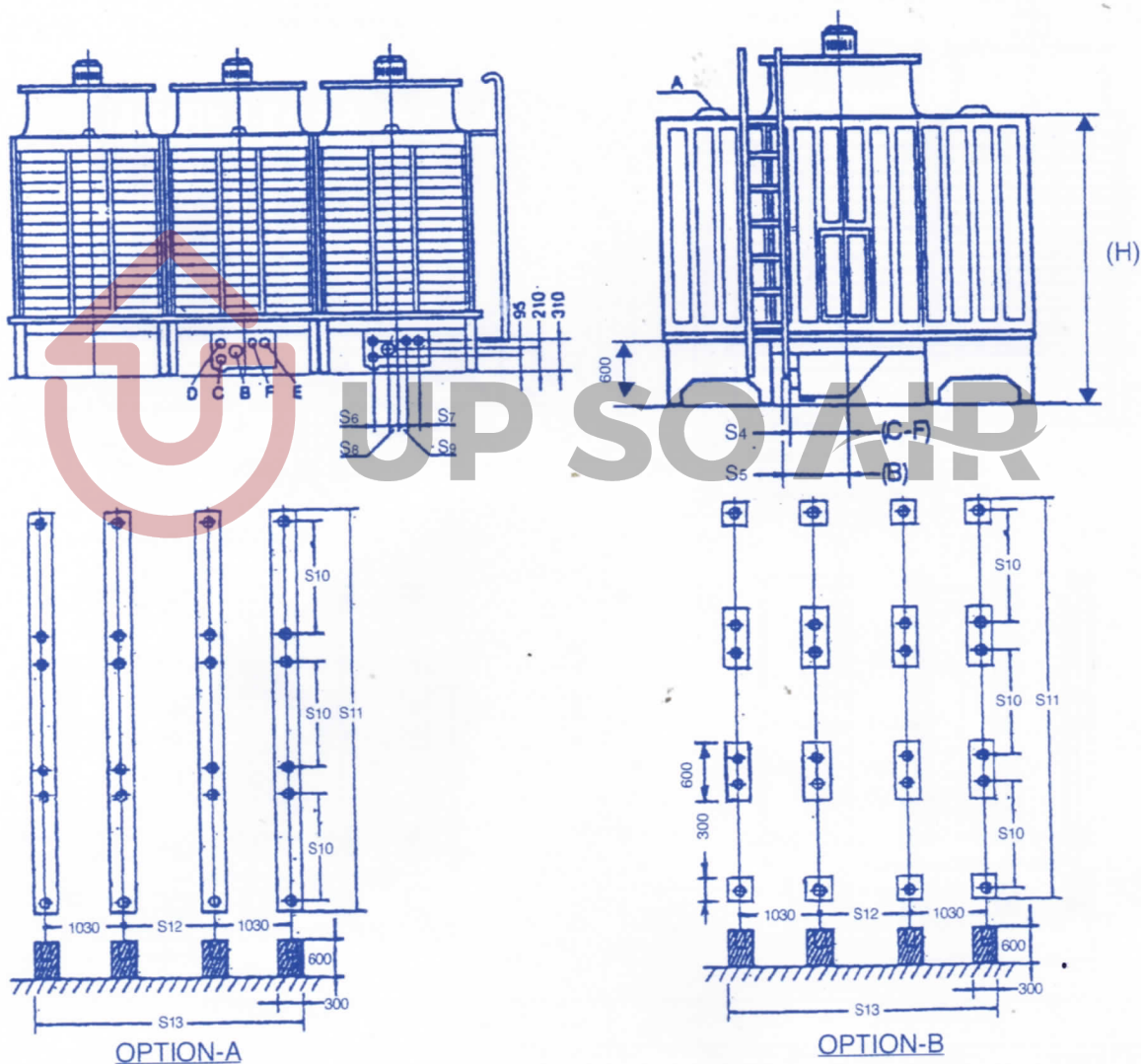
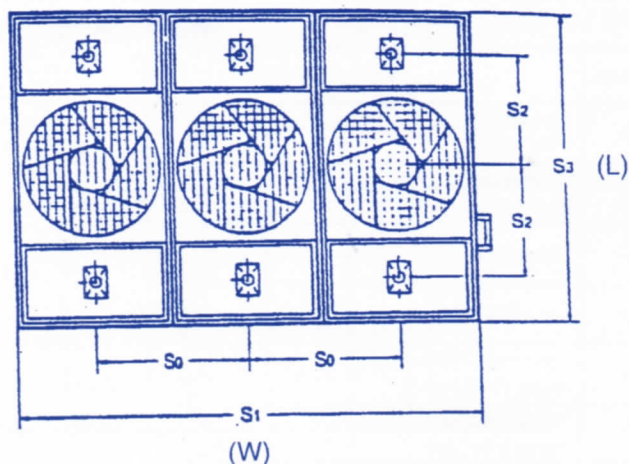
OPTION-B

MODEL \ SYMBOL	S0	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	S13
CMS - 300, 350	1870	3770	1337.5	3500	500	550	300	200	100	200	1770	4200	1300	3660
CMS - 400	2070	4170	1437.5	3700	500	550	400	200	100	200	1920	4550	1500	3860
CMS - 450, 500	2420	4870	1537.5	3900	500	550	400	200	100	200	2270	5300	1700	4060
CMS - 600S	2420	4870	1537.5	3900	500	550	400	200	100	200	2270	5300	1700	4060
CMS - 700M, 800M	2420	4870	1537.5	3900	500	550	400	200	100	200	2270	5300	1700	4060

CMS-600, 700, 900S, 1050M, 1200M

Piping Location

Symbol	Name
A	Hot water inlet pipe
B	Cold water outlet pipe
C	Drain pipe
D	Overflow pipe
E	Automatic make-up water inlet pipe
F	Manual make-up water inlet pipe

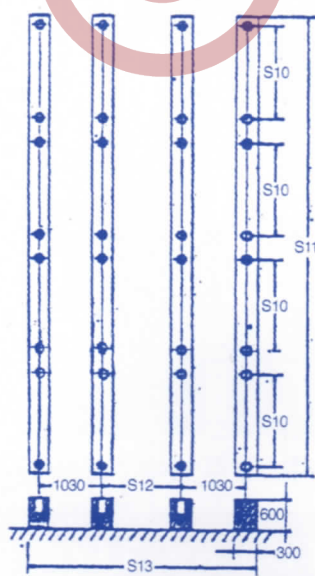
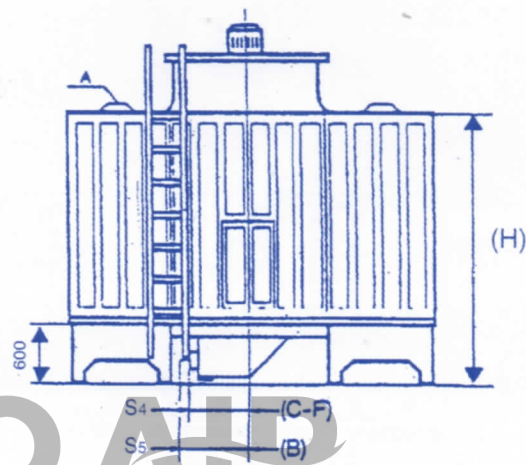
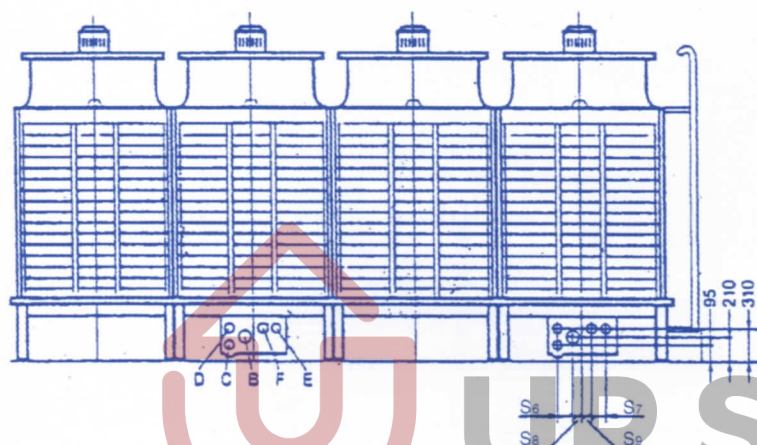
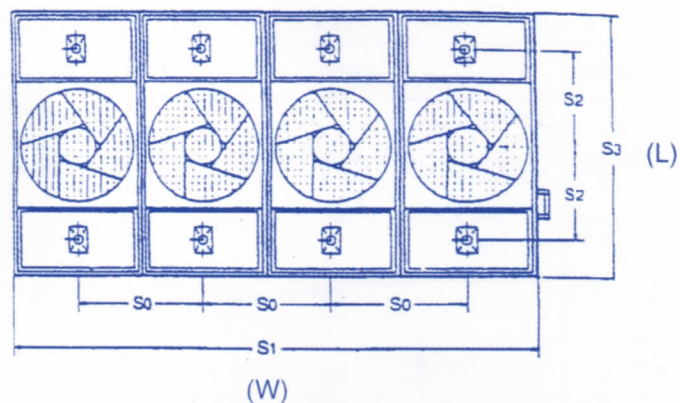


MODEL \ SYMBOL	S0	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	S13
CMS - 600	2070	6240	1437.5	3700	500	550	300	200	100	200	1920	6750	1500	3860
CMS - 700	2420	7200	1537.5	3900	500	550	300	200	100	200	2270	7800	1700	4060
CMS - 900S	2420	7200	1537.5	3900	500	550	300	200	100	200	2270	7800	1700	4060
CMS - 1050M, 1200M	2420	7200	1537.5	3900	500	550	300	200	100	200	2270	7800	1700	4060

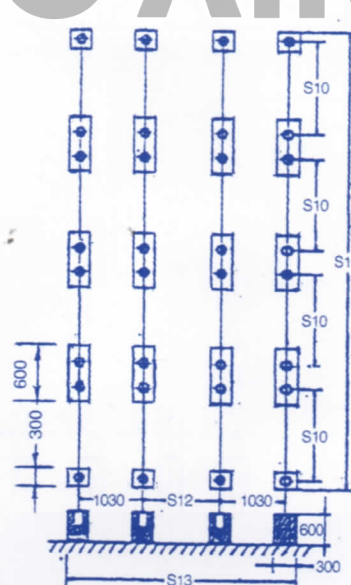
CMS-800, 900, 1000, 1200S, 1400M, 1600M

Piping Location

Symbol	Name
A	Hot water inlet pipe
B	Cold water outlet pipe
C	Drain pipe
D	Overflow pipe
E	Automatic make-up water inlet pipe
F	Manual make-up water inlet pipe



OPTION-A



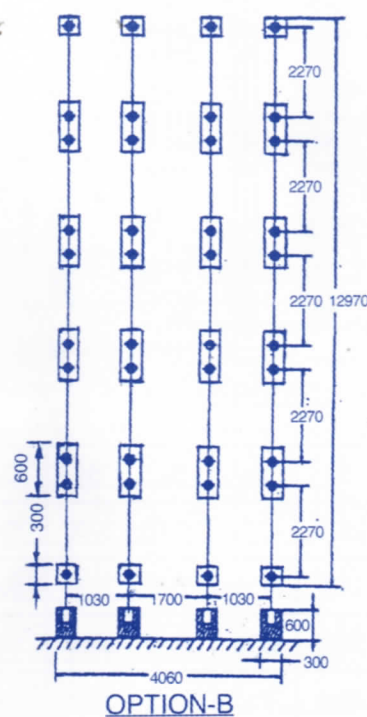
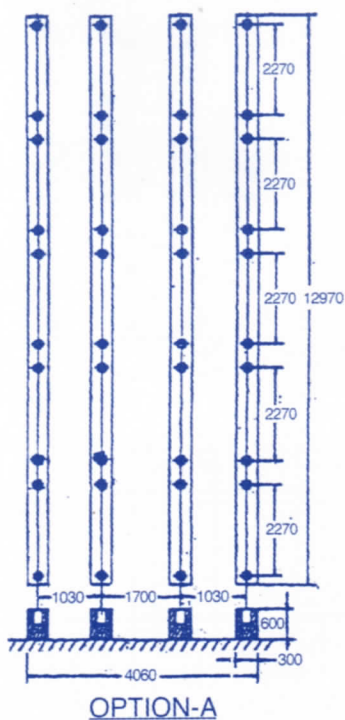
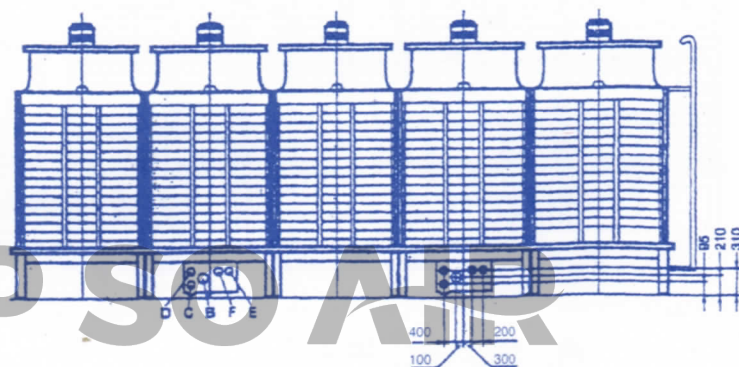
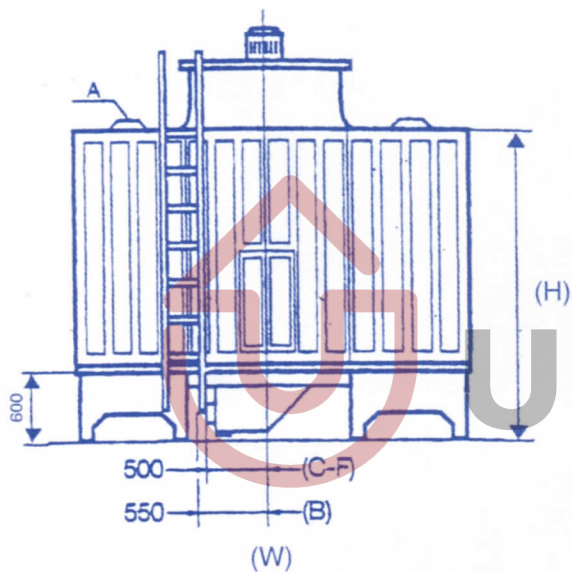
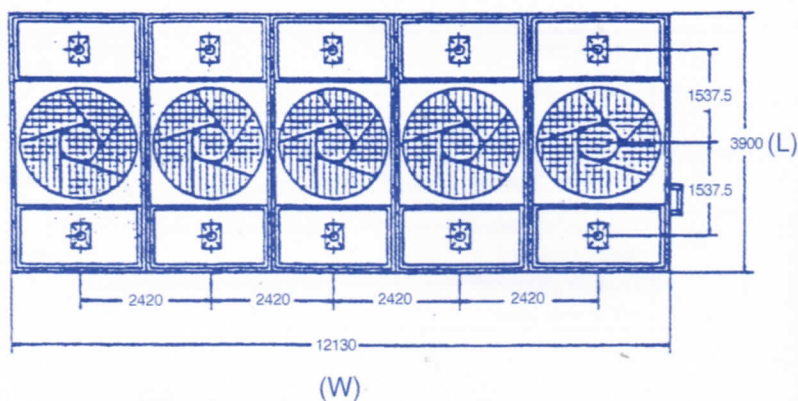
OPTION-B

MODEL \ SYMBOL	S0	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	S13
CMS - 800	2070	8310	1437.5	3700	500	550	400	200	100	300	1920	8900	1500	3860
CMS - 900, 1000	2420	9710	1537.5	3900	500	550	400	200	100	300	2270	10550	1700	4060
CMS - 1200S	2420	9710	1537.5	3900	500	550	400	200	100	300	2270	10550	1700	4060
CMS - 1400M, 1600M	2420	9710	1537.5	3900	500	550	400	200	100	300	2270	10550	1700	4060

CMS-1250RT, 1500S, 1750M, 2000M

Piping Location

Symbol	Name
A	Hot water inlet pipe
B	Cold water outlet pipe
C	Drain pipe
D	Overflow pipe
E	Automatic make-up water inlet pipe
F	Manual make-up water inlet pipe



LOCATION :

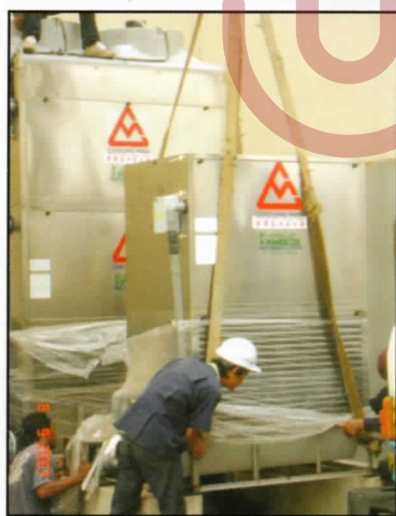


OFFICE



FACTORY

INSTALLATION FOR COOLING TOWER :



OKI CO.,LTD. (THAILAND)

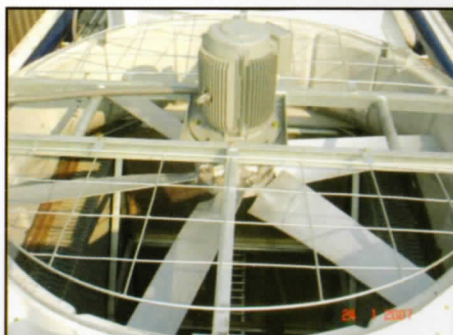


DENSO CO.,LTD. (THAILAND)



AIA TOWER (THAILAND)

PRODUCT FOR COOLING TOWER :



MORTOR DIRECT DRIVE
(LOW SPEED)



PVC.PILLING
(W = 1 M. x L = 1 M.)



FRAME WORK
(HOT DIP GALVANIZED)

The Leading Edge in Cost, Performance and Durability



**CMS-200 x 2 SETS
BOON RAWD BREWERY**



**CMS-500 x 3 SETS
O'SMACH RESORT
(CAMBODIA)**



**CMS-1050M x 1 SET
T.U. PLASTIC INDUSTRY
(PAKISTAN)**



**CMS-500 x 3 SETS
AIA TOWER**



**CMS-1200M x 1 SET
AJINOMOTO**



**CMS-600S P.P.FILLING 70° C
UFC**



**YHA-1000C X 1SET
SEACON SQUARE**



**CMS-400M (C2) x 4 SETS
COLGATE-PALMOLIVE
(THAILAND)**



**CMS-600S X 4 SETS
HOME PRO (SUVANAPHUM)**



**CLOSED TYPE-30 RT x 1 SET ,
60 RT x 1 SET
OKI (THAILAND)**



**CLOSED CIRCUIT ELN-80S X 1SET
(Body & Coil = Stainless Steel) & Other
THAI PURE DRINK**



**CLOSED CIRCUIT ELN-150S x 2 SETS
CAPITAL RICE**