



SINCE 1962

SQUARE CROSS FLOW COOLING TOWER LCV



LIANGCHI II(VN) INDUSTRY CO., LTD.



CTI MEMBER

LCV SQUARE CROSS FLOW TYPE COOLING TOWER CONSTRUCTION AND FEATURES

Inlet Louver & Side Plate

PVC inlet louver and FRP side plates are anti-acid, anti-alkaline, weather-proof, anti-corrosive and resistant to ultra-violet, non-deformed

Water Sump

The water sump is made of FRP material. The piping of water sump includes outlet water, auto filler pipe, quick filler pipe, drain pipe

The FRP suction strainer is installed on outlet pipe to blockade the alien objects from entering

Plenum

The cross flow type's heat exchanging process is applied. The direct contact between vertical air from both sides and the falling water from hot water basin occurs inside the PVC fillings so that the heat can be rejected from the tower by the fan. The access door and walkway equipped inside the tower are to insure the convenience of maintenance and cleaning

Motor

Ourdoor TEFC motors are applied.

Fan

The axial fan design is applied and can be adjusted based on actual operation of air volume. The speed reducer is driven with multi-belt to insure that there is larger contact area, low vibration and smooth transmission. The belts are protected with FRP casing so that they are not wetted and not gliding

Filling

PVC filling are vacuum-formed and flued together on nipple ends so that there is adequate space to avoid scaling and clogg. Thus, the water can be evenly distributed to insure good heat exchanging of cooling tow. Each layer of filling block has steel supporters to prevent from deforming and falling off. The bottom are designed with suspended supporters to avoid depositing various objects and scaling so that cooling towers can be ease of maintenance and cleaning

Distribution System

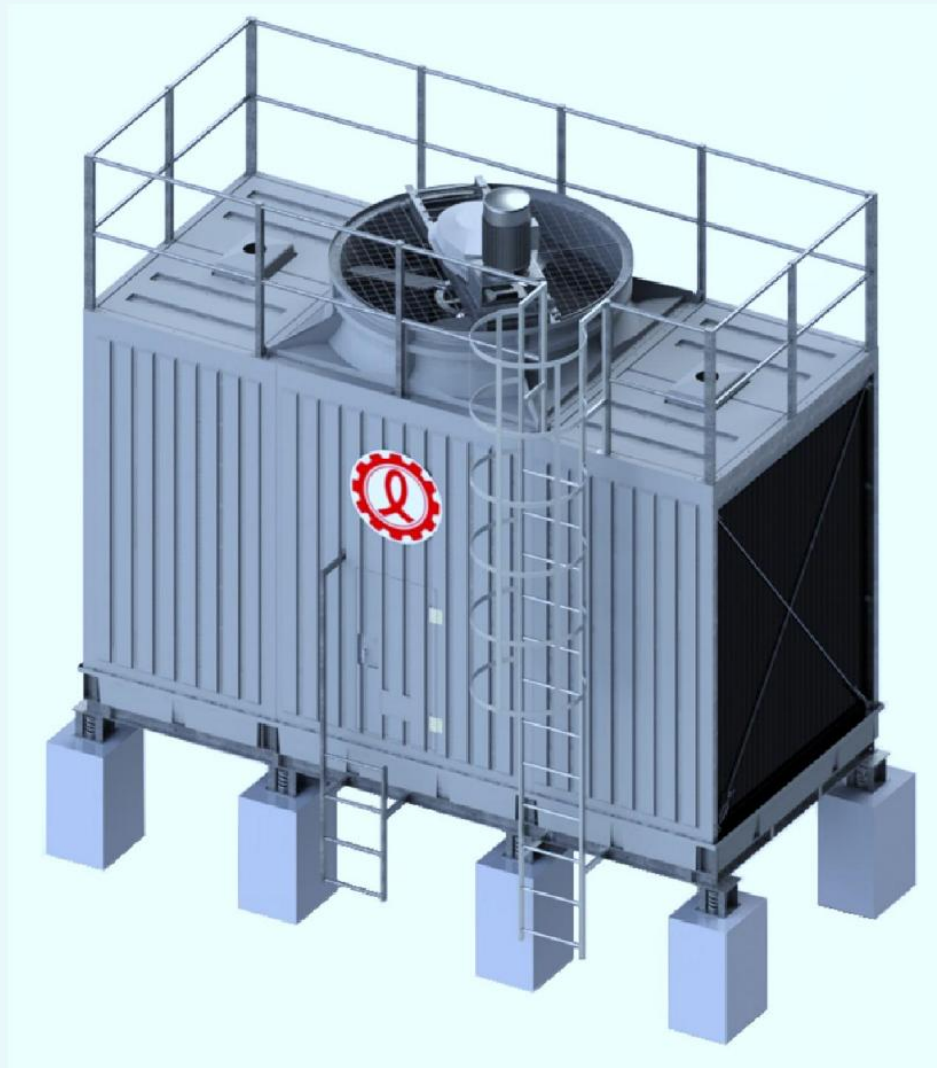
Hot water basins are installed on two sides of tower and distribution water is gravitationally falling into tower with low water pressure. This design leads the water to spread into the filling evenly and achieve the best efficiency of heat exchanging. FRP distribution box inside can lower the inler water pressure to prevent the water from splashing

Float Valve Ass'y

Bronze Float valve ass'y is equipped inside the water basin and adjustable for controlling normal water level during operation

Water Eliminator

The Z type water eliminators placed on the top of filling have bet water elimination efficiency and are capable to save the make-up water by reducing drift loss



Above details are demonstrating the profile, part name and various materials of the cooling tower . If necessary, please verify the specific material in advance so that we can quote accordingly the black characters in the parentheses stand for the standard material while the green ones mean the special material that is optional

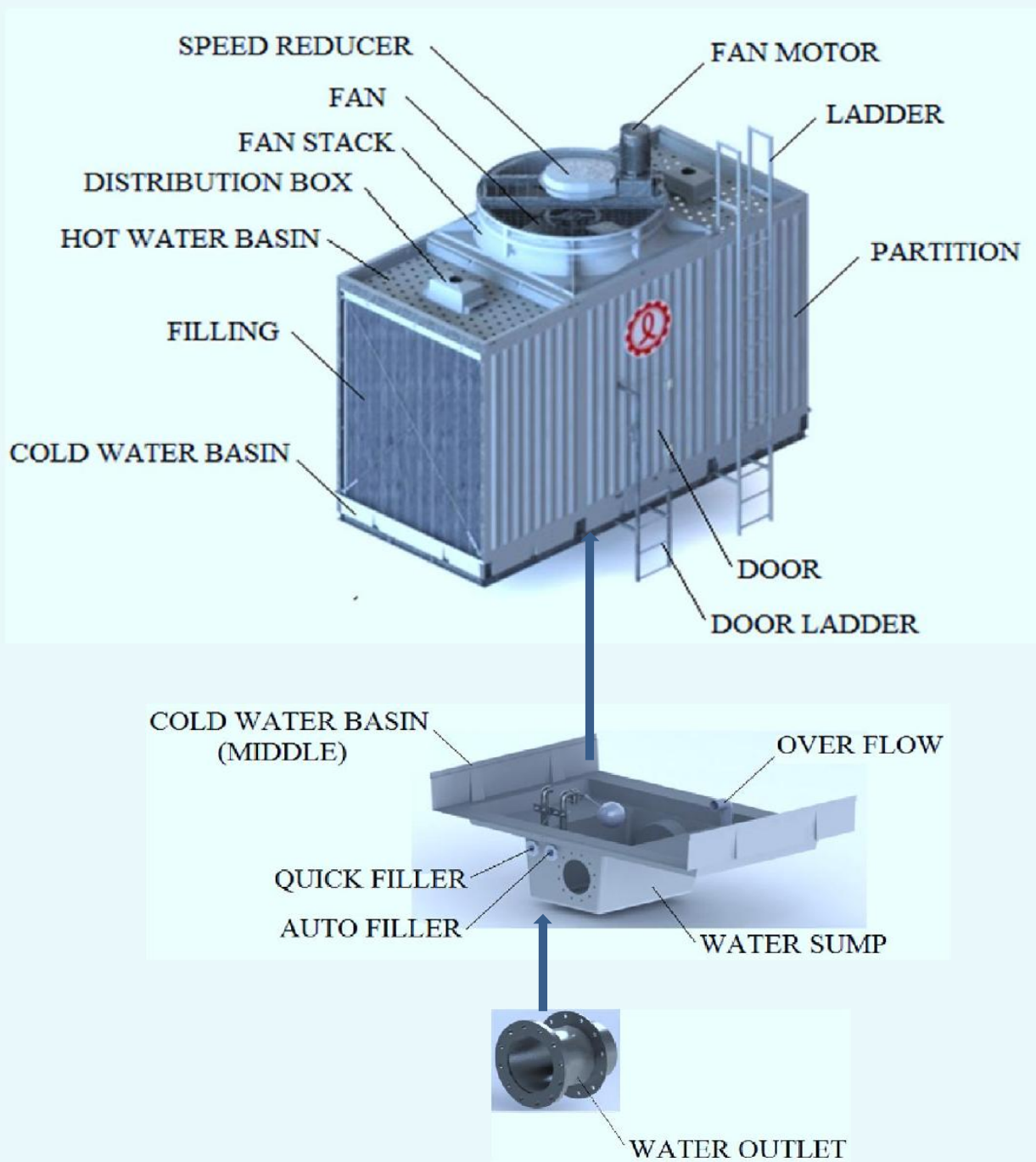
NO.	CESSORIES	MA	NO.	CESSORIES	MA
1	FAN GUARD	HDGS	14	PARTITION	FRP
2	FAN	ALLOY	15	WATER INLET	FRP
3	FAN MOTOR		16	WATER OUTLET	HDGS
4	FAN STACK	FRP	17	AUTO FILLER	HDGS
5	HOT WATER BASIN	FRP	18	QUICK FILLER	HDGS
6	ELIMINATOR	HDGS	19	OVERFLOWS	HDGS
7	NOZZLE	FRP	20	DRAIN	SUS
8	FILLING	PP	21	WALK WAY TOP	HDGS
9	FILLING SUPPORTOR	PVC	22	HOT WATER BASIN COVER	FRP
10	LADDER	HDGS	23	HANDRAIL	HDGS
11	TENSION DEVICE	HDGS	24	SAFETY CAGE	HDGS
12	WATER BASIN	HDGS	25	VIBRATION ISOLATOR	
13	ACCESS DOOR	FRP	26		

Remark :

HDGS: Hot Dip Galvanized Steel

FRP : Fiberglass Reinforced Plastic

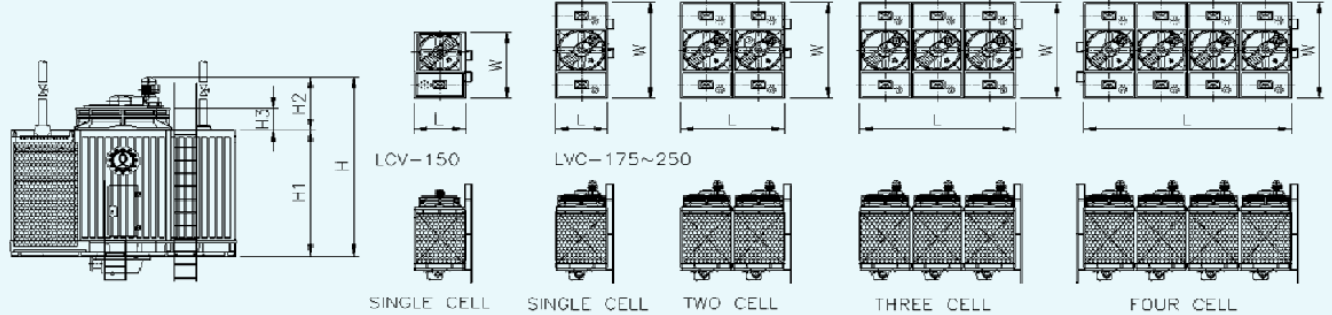
ALLOY Aluminum Alloy Cast



REMARKS

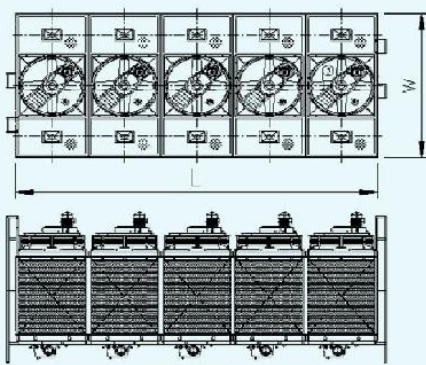
1. Above details are demonstrating the profile, parts name and various materials of th cooling tower
2. Below are the optional accessories and If necessary, they can be purchased additionally

- Direct drive motor
- Internal piping
- Cover for hot water basin
- Ladder complete with safety cage
- Safety handrail
- Vibration isolator
- Sand filter

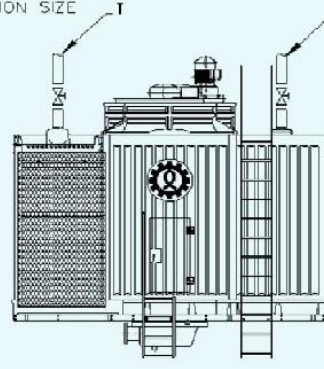
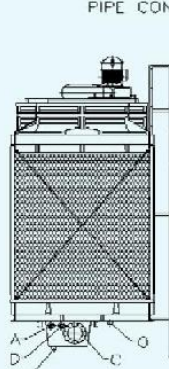


Item	Water Flow rate	Dimensions						Driving Equipment		
		Width (W)	Length (L)	Height				MOTOR	Fan Dia.	Air volume
				(H)	(H1)	(H2)	H(3)			
LCV	LPM	m/m	m/m	m/m	m/m	m/m	m/m	HP	DØmm	M ³ /MIN/CELL
125	1625	3198	1990	3960	2874	1086	504	5HPx4P	1700	636
150	1950	3198	2290	3982	2874	1108	504	7.5HPx4P	1700	768
175	2275	4210	1790	3939	2893	1046	460	7.5HPx4P	1500	930
200	2600	4210	1790	3977	2893	1084	460	10HPx4P	1500	1032
225	2925	4410	2010	4040	2893	1147	504	10HPx4P	1700	1140
250	3250	4510	2210	4069	2893	1176	524	10HPx4P	1800	1284
300	3900	4710	2410	4170	2896	1274	524	15HPx4P	2000	1536
350	4550	5110	3020	4161	2896	1265	516	15HPx4P	2400	1782
400	5200	5110	3220	4161	2896	1265	516	20HPx4P	2400	2058
450	5850	5710	3620	4341	2896	1445	620	20HPx4P	3000	2310
500	6500	5710	3820	4309	2897	1412	620	25HPx4P	3000	2562
125-C2	3250	3198	4080	3960	2874	1086	504	5HPx4Px2	1700	636
150-C2	3900	3198	4660	3982	2874	1108	504	7.5HPx4Px2	1700	768
175-C2	4550	4210	3660	3939	2893	1046	460	7.5HPx4Px2	1500	930
200-C2	5200	4210	3665	3977	2893	1084	460	10HPx4Px2	1500	1032
225-C2	5850	4410	4105	4040	2893	1147	504	10HPx4Px2	1700	1140
250-C2	6500	4510	4500	4069	2893	1176	524	10HPx4Px2	1800	1284
300-C2	7800	4710	4905	4170	2896	1274	524	15HPx4Px2	2000	1536
350-C2	9100	5110	6125	4161	2896	1265	516	15HPx4Px2	2400	1782
400-C2	10400	5110	6520	4161	2896	1265	516	20HPx4Px2	2400	2058
450-C2	11700	5710	7325	4341	2896	1445	620	20HPx4Px2	3000	2310
500-C2	13000	5710	7720	4309	2897	1412	620	25HPx4Px2	3000	2562
125-C3	4875	3198	6370	3960	2874	1086	504	5HPx4Px3	1700	636
150-C3	5850	3198	7190	3982	2874	1108	504	7.5HPx4Px3	1700	768
175-C3	6825	4210	5690	3939	2893	1046	460	7.5HPx4Px3	1500	930
200-C3	7800	4210	5710	3977	2893	1084	460	10HPx4Px3	1500	1032
225-C3	8775	4410	6370	4040	2893	1147	504	10HPx4Px3	1700	1140
250-C3	9750	4510	6950	4069	2893	1176	524	10HPx4Px3	1800	1284
300-C3	11700	4710	7570	4170	2896	1274	524	15HPx4Px3	2000	1536
350-C3	13650	5110	9400	4161	2896	1265	516	15HPx4Px3	2400	1782
400-C3	15600	5110	9980	4161	2896	1265	516	20HPx4Px3	2400	2058
450-C3	17550	5710	11200	4341	2896	1445	620	20HPx4Px3	3000	2310
500-C3	19500	5710	11620	4309	2897	1412	620	25HPx4Px3	3000	2562
125-C4	6500	3198	8860	3960	2874	1086	504	5HPx4Px4	1700	636
150-C4	7800	3198	9880	3982	2874	1108	504	7.5HPx4Px4	1700	768
175-C4	9100	4210	7880	3939	2893	1046	460	7.5HPx4Px4	1500	930
200-C4	10400	4210	7925	3977	2893	1084	460	10HPx4Px4	1500	1032
225-C4	11700	4410	8805	4040	2893	1147	504	10HPx4Px4	1700	1140
250-C4	13000	4510	9560	4069	2893	1176	524	10HPx4Px4	1800	1284
300-C4	15600	4710	10405	4170	2896	1274	524	15HPx4Px4	2000	1536
350-C4	18200	5110	12845	4161	2896	1265	516	15HPx4Px4	2400	1782
400-C4	20800	5110	13600	4161	2896	1265	516	20HPx4Px4	2400	2058
450-C4	23400	5710	15245	4341	2896	1445	620	20HPx4Px4	3000	2310
500-C4	26000	5710	15520	4309	2897	1412	620	25HPx4Px4	3000	2562
125-C5	8125	3198	11550	3960	2874	1086	504	5HPx4Px5	1700	636
150-C5	9750	3198	12730	3982	2874	1108	504	7.5HPx4Px5	1700	768
175-C5	11375	4210	10230	3939	2893	1046	460	7.5HPx4Px5	1500	930
200-C5	13000	4210	10310	3977	2893	1084	460	10HPx4Px5	1500	1032
225-C5	14625	4410	11410	4040	2893	1147	504	10HPx4Px5	1700	1140
250-C5	16250	4510	12330	4069	2893	1176	524	10HPx4Px5	1800	1284
300-C5	19500	4710	13410	4170	2896	1274	524	15HPx4Px5	2000	1536

- Design Criteria: HWT : 37 °C CWT: 32 °C WBT: 27 °C Water Flow Rate : 13LPM/RT
- Total Pump Head: Piping Friction Loss + Chiller Pressure Loss+ Tower Head
- Other mutil-Cell that are not listed also availabale. Please contact our local sales engineers.

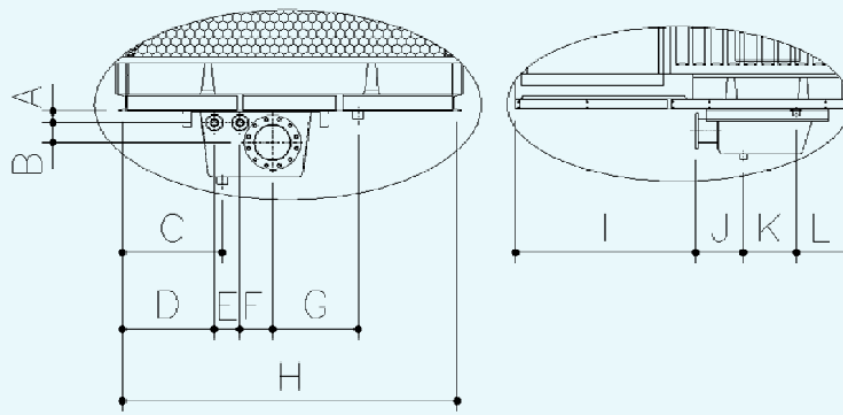


FME CELL

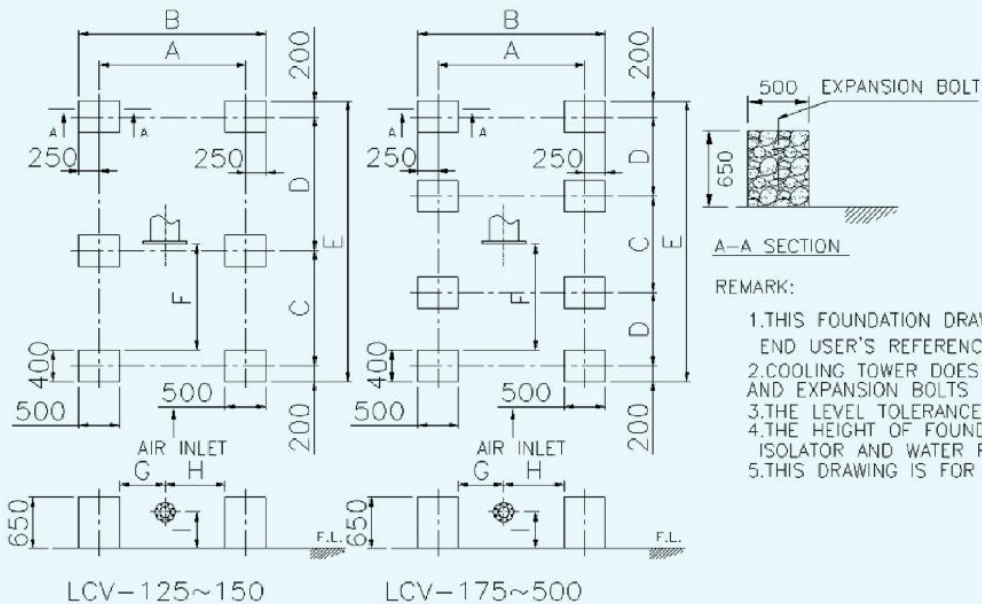


Item LCV	Dry Weight Kg	Operating Weight Kg	Tower Head M	PiPe Dimensions					
				Inlet (I)	Outlet (O)	Quick Filler (D)	Automatic Filler (O)	Over Flow (A)	Drain (M)
				(I)	(O)	(D)	(O)	(A)	(M)
125	1275	2770	4.1	5B(125A)x1	5B(125A)x1	1B(25A)x1	1B(25A)x1	2B(50A)x1	2B(50A)x1
150	1450	3240	3.9	6B(150A)x1	6B(150A)x1	1B(25A)x1	1B(25A)x1	2B(50A)x1	2B(50A)x1
175	1227	4029	5	5B(125A)x2	6B(150A)x1	1B(25A)x1	1B(25A)x1	2B(50A)x1	2B(50A)x1
200	1227	4029	5	5B(125A)x2	8B(200A)x1	1B(25A)x1	1B(25A)x1	2B(50A)x1	2B(50A)x1
225	1444	4342	5	5B(125A)x2	8B(200A)x1	1 1/2B(40A)x1	1 1/2B(40A)x1	2B(50A)x1	2B(50A)x1
250	1539	4869	5.1	5B(125A)x2	8B(200A)x1	1 1/2B(40A)x1	1 1/2B(40A)x1	2B(50A)x1	2B(50A)x1
300	1856	5906	5.1	6B(150A)x2	8B(200A)x1	1 1/2B(40A)x1	1 1/2B(40A)x1	2B(50A)x1	2B(50A)x1
350	2560	6470	5.1	5B(125A)x4	8B(200A)x1	1 1/2B(40A)x1	1 1/2B(40A)x1	2B(50A)x1	2B(50A)x1
400	2355	7765	5.1	5B(125A)x4	10B(250A)x1	2B(50A)x1	2B(50A)x1	2B(50A)x1	2B(50A)x1
450	2170	5485	7.3	5B(125A)x4	10B(250A)x1	2B(50A)x1	2B(50A)x1	2B(50A)x1	2B(50A)x1
500	2280	5770	5.8	5B(125A)x4	10B(250A)x1	2B(50A)x1	2B(50A)x1	2B(50A)x1	2B(50A)x1
125-C2	2550	5540	4.1	5B(125A)x2	5B(125A)x2	1B(25A)x2	1B(25A)x2	2B(50A)x2	2B(50A)x2
150-C2	2900	6480	3.9	6B(150A)x2	6B(150A)x2	1B(25A)x2	1B(25A)x2	2B(50A)x2	2B(50A)x2
175-C2	2454	8058	5	5B(125A)x4	6B(150A)x2	1B(25A)x2	1B(25A)x2	2B(50A)x2	2B(50A)x2
200-C2	2454	8058	5	5B(125A)x4	8B(200A)x2	1B(25A)x2	1B(25A)x2	2B(50A)x2	2B(50A)x2
225-C2	2888	8684	5	5B(125A)x4	8B(200A)x2	1 1/2B(40A)x2	1 1/2B(40A)x2	2B(50A)x2	2B(50A)x2
250-C2	3078	9738	5.1	5B(125A)x4	8B(200A)x2	1 1/2B(40A)x2	1 1/2B(40A)x2	2B(50A)x2	2B(50A)x2
300-C2	3712	11812	5.1	6B(150A)x4	8B(200A)x2	1 1/2B(40A)x2	1 1/2B(40A)x2	2B(50A)x2	2B(50A)x2
350-C2	5120	12940	5.1	5B(125A)x8	8B(200A)x2	1 1/2B(40A)x2	1 1/2B(40A)x2	2B(50A)x2	2B(50A)x2
400-C2	4710	15530	5.1	5B(125A)x8	10B(250A)x2	2B(50A)x2	2B(50A)x2	2B(50A)x2	2B(50A)x2
450-C2	4340	10970	7.3	5B(125A)x8	10B(250A)x2	2B(50A)x2	2B(50A)x2	2B(50A)x2	2B(50A)x2
500-C2	4560	11540	5.8	5B(125A)x8	10B(250A)x2	2B(50A)x2	2B(50A)x2	2B(50A)x2	2B(50A)x2
125-C3	3825	8310	4.1	5B(125A)x3	5B(125A)x3	1B(25A)x3	1B(25A)x3	2B(50A)x3	2B(50A)x3
150-C3	4350	9720	3.9	6B(150A)x3	6B(150A)x3	1B(25A)x3	1B(25A)x3	2B(50A)x3	2B(50A)x3
175-C3	3681	12087	5	5B(125A)x6	6B(150A)x3	1B(25A)x3	1B(25A)x3	2B(50A)x3	2B(50A)x3
200-C3	3681	12087	5	5B(125A)x6	8B(200A)x3	1B(25A)x3	1B(25A)x3	2B(50A)x3	2B(50A)x3
225-C3	4332	13026	5	5B(125A)x6	8B(200A)x3	1 1/2B(40A)x3	1 1/2B(40A)x3	2B(50A)x3	2B(50A)x3
250-C3	4617	14607	5.1	5B(125A)x6	8B(200A)x3	1 1/2B(40A)x3	1 1/2B(40A)x3	2B(50A)x3	2B(50A)x3
300-C3	5568	17718	5.1	6B(150A)x6	8B(200A)x3	1 1/2B(40A)x3	1 1/2B(40A)x3	2B(50A)x3	2B(50A)x3
350-C3	7680	19410	5.1	5B(125A)x12	8B(200A)x3	1 1/2B(40A)x3	1 1/2B(40A)x3	2B(50A)x3	2B(50A)x3
400-C3	7065	23295	5.1	5B(125A)x12	10B(250A)x3	2B(50A)x3	2B(50A)x3	2B(50A)x3	2B(50A)x3
450-C3	6510	16455	7.3	5B(125A)x12	10B(250A)x3	2B(50A)x3	2B(50A)x3	2B(50A)x3	2B(50A)x3
500-C3	6840	17310	5.8	5B(125A)x12	10B(250A)x3	2B(50A)x3	2B(50A)x3	2B(50A)x3	2B(50A)x3
125-C4	5100	11080	4.1	5B(125A)x4	5B(125A)x4	1B(25A)x4	1B(25A)x4	2B(50A)x4	2B(50A)x4
150-C4	5800	12960	3.9	6B(150A)x4	6B(150A)x4	1B(25A)x4	1B(25A)x4	2B(50A)x4	2B(50A)x4
175-C4	4908	16116	5	5B(125A)x8	6B(150A)x4	1B(25A)x4	1B(25A)x4	2B(50A)x4	2B(50A)x4
200-C4	4908	16116	5	5B(125A)x8	8B(200A)x4	1B(25A)x4	1B(25A)x4	2B(50A)x4	2B(50A)x4
225-C4	5776	17368	5	5B(125A)x8	8B(200A)x4	1 1/2B(40A)x4	1 1/2B(40A)x4	2B(50A)x4	2B(50A)x4
250-C4	6156	19476	5.1	5B(125A)x8	8B(200A)x4	1 1/2B(40A)x4	1 1/2B(40A)x4	2B(50A)x4	2B(50A)x4
300-C4	7424	23624	5.1	6B(150A)x8	8B(200A)x4	1 1/2B(40A)x4	1 1/2B(40A)x4	2B(50A)x4	2B(50A)x4
350-C4	10240	25880	5.1	5B(125A)x16	8B(200A)x4	1 1/2B(40A)x4	1 1/2B(40A)x4	2B(50A)x4	2B(50A)x4
400-C4	9420	31060	5.1	5B(125A)x16	10B(250A)x4	2B(50A)x4	2B(50A)x4	2B(50A)x4	2B(50A)x4
450-C4	8680	21940	7.3	5B(125A)x16	10B(250A)x4	2B(50A)x4	2B(50A)x4	2B(50A)x4	2B(50A)x4
500-C4	9120	23080	5.8	5B(125A)x16	10B(250A)x4	2B(50A)x4	2B(50A)x4	2B(50A)x4	2B(50A)x4
125-C5	6375	13850	4.1	5B(125A)x5	5B(125A)x5	1B(25A)x5	1B(25A)x5	2B(50A)x5	2B(50A)x5
150-C5	7250	16200	3.9	6B(150A)x5	6B(150A)x5	1B(25A)x5	1B(25A)x5	2B(50A)x5	2B(50A)x5
175-C5	6135	20145	5	5B(125A)x10	6B(150A)x5	1B(25A)x5	1B(25A)x5	2B(50A)x5	2B(50A)x5
200-C5	6135	20145	5	5B(125A)x10	8B(200A)x5	1B(25A)x5	1B(25A)x5	2B(50A)x5	2B(50A)x5
225-C5	7220	21710	5	5B(125A)x10	8B(200A)x5	1 1/2B(40A)x5	1 1/2B(40A)x5	2B(50A)x5	2B(50A)x5
250-C5	7695	24345	5.1	5B(125A)x10	8B(200A)x5	1 1/2B(40A)x5	1 1/2B(40A)x5	2B(50A)x5	2B(50A)x5
300-C5	9280	29530	5.1	6B(150A)x10	8B(200A)x5	1 1/2B(40A)x5	1 1/2B(40A)x5	2B(50A)x5	2B(50A)x5

- If the pipe diameter is to change or equalized pipes or required. Please contact our local sales engineers.



Item LCV	Piping Orientation											
	A m/m	B m/m	C m/m	D m/m	E m/m	F m/m	G m/m	H m/m	I m/m	J m/m	K m/m	L m/m
125	71	120	540	510	150	220	500	1960	1576	392	498	700
150	71	120	735	690	150	220	470	2260	1550	447	438	830
175	71	120	554	540	150	190	500	1960	1551	417	466	575
200	71	120	554	540	150	190	500	1960	1551	417	466	575
225	71	120	735	690	150	190	500	2260	1600	448	437	625
250	71	120	735	690	150	190	500	2260	1600	448	437	625
300	71	120	784	739	150	190	500	2360	1701	448	436	725
350	71	120	1089	1044	150	190	500	2970	1902	448	436	925
400	71	170	1139	1094	150	255	486	3170	1902	447	436	925
500	71	240	1139	1094	150	255	486	3170	1902	447	436	925
125-C2	71	120	540	510	150	220	500	1960	1576	392	498	700
150-C2	71	120	735	690	150	220	470	2260	1550	447	438	830
175-C2	71	120	554	540	150	190	500	1960	1551	417	466	575
200-C2	71	120	554	540	150	190	500	1960	1551	417	466	575
225-C2	71	120	735	690	150	190	500	2260	1600	448	437	625
250-C2	71	120	735	690	150	190	500	2260	1600	448	437	625
300-C2	71	120	784	739	150	190	500	2360	1701	448	436	725
350-C2	71	120	1089	1044	150	190	500	2970	1902	448	436	925
400-C2	71	170	1139	1094	150	255	486	3170	1902	447	436	925
500-C2	71	240	1139	1094	150	255	486	3170	1902	447	436	925
125-C3	71	120	540	510	150	220	500	1960	1576	392	498	700
150-C3	71	120	735	690	150	220	470	2260	1550	447	438	830
175-C3	71	120	554	540	150	190	500	1960	1551	417	466	575
200-C3	71	120	554	540	150	190	500	1960	1551	417	466	575
225-C3	71	120	735	690	150	190	500	2260	1600	448	437	625
250-C3	71	120	735	690	150	190	500	2260	1600	448	437	625
300-C3	71	120	784	739	150	190	500	2360	1701	448	436	725
350-C3	71	120	1089	1044	150	190	500	2970	1902	448	436	925
400-C3	71	170	1139	1094	150	255	486	3170	1902	447	436	925
500-C3	71	240	1139	1094	150	255	486	3170	1902	447	436	925
125-C4	71	120	540	510	150	220	500	1960	1576	392	498	700
150-C4	71	120	735	690	150	220	470	2260	1550	447	438	830
175-C4	71	120	554	540	150	190	500	1960	1551	417	466	575
200-C4	71	120	554	540	150	190	500	1960	1551	417	466	575
225-C4	71	120	735	690	150	190	500	2260	1600	448	437	625
250-C4	71	120	735	690	150	190	500	2260	1600	448	437	625
300-C4	71	120	784	739	150	190	500	2360	1701	448	436	725
350-C4	71	120	1089	1044	150	190	500	2970	1902	448	436	925
400-C4	71	170	1139	1094	150	255	486	3170	1902	447	436	925
500-C4	71	240	1139	1094	150	255	486	3170	1902	447	436	925
125-C5	71	120	540	510	150	220	500	1960	1576	392	498	700
150-C5	71	120	735	690	150	220	470	2260	1550	447	438	830
175-C5	71	120	554	540	150	190	500	1960	1551	417	466	575
200-C5	71	120	554	540	150	190	500	1960	1551	417	466	575
225-C5	71	120	735	690	150	190	500	2260	1600	448	437	625
250-C5	71	120	735	690	150	190	500	2260	1600	448	437	625
300-C5	71	120	784	739	150	190	500	2360	1701	448	436	725
350-C5	71	120	1089	1044	150	190	500	2970	1902	448	436	925
400-C5	71	170	1139	1094	150	255	486	3170	1902	447	436	925
500-C5	71	240	1139	1094	150	255	486	3170	1902	447	436	925

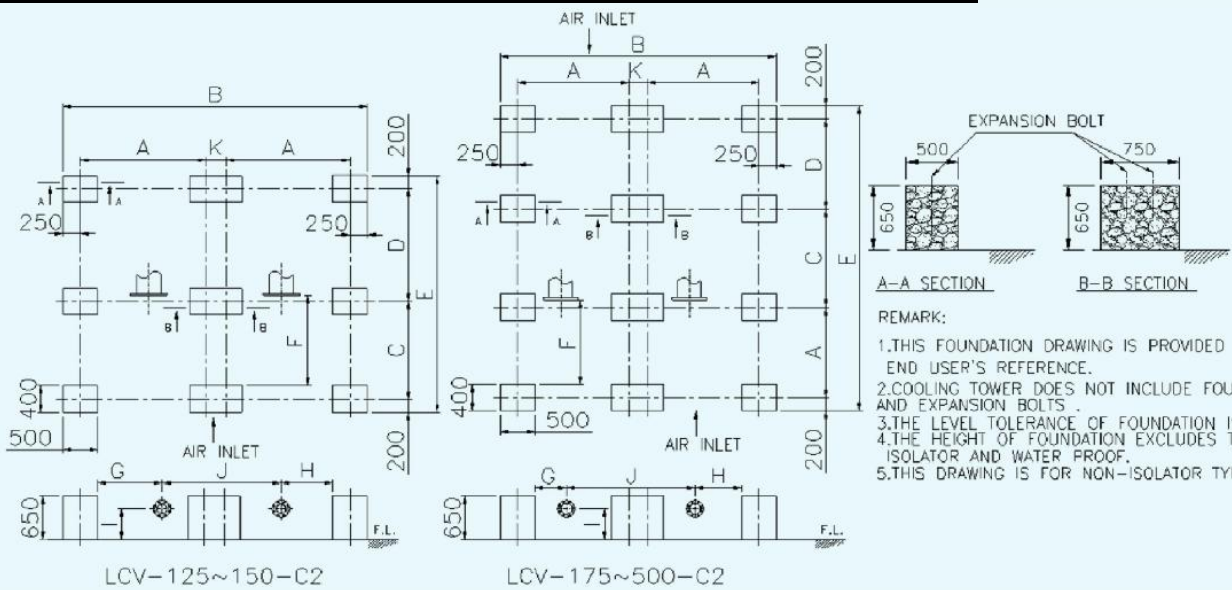


A-A SECTION

REMARK:

1. THIS FOUNDATION DRAWING IS PROVIDED FOR END USER'S REFERENCE.
2. COOLING TOWER DOES NOT INCLUDE FOUNDATION AND EXPANSION BOLTS .
3. THE LEVEL TOLERANCE OF FOUNDATION IS ± 2 mm.
4. THE HEIGHT OF FOUNDATION EXCLUDES THERMAL ISOLATOR AND WATER PROOF.
5. THIS DRAWING IS FOR NON-ISOLATOR TYPE FOUNDATION.

Item	Recommended Concrete Foundations								
	A	B	C	D	E	F	G	H	I
LCV	m/m	m/m	m/m	m/m	m/m	m/m	m/m	m/m	m/m
125	1800	2300	1465	1693	3558	1346	560.5	739.5	458
150	2100	2600	1465	1693	3558	1359	731	849	458
175	1600	2100	1350	1480	4580	1259	451.5	648.5	458
200	1600	2100	1350	1480	4580	1259	451.5	648.5	458
225	1795	2295	1493	1385	4770	1354	583.5	711.5	458
250	1995	2495	1480	1490	4860	1402	649	846	458
300	2195	2695	1490	1685	5065	1503	748	947	458
350	2810	3310	1780	1640	5460	1700	1055	1255	458
400	3010	3510	2080	1490	5460	1700	1170	1340	406
450	3410	3910	2680	1490	6060	2400	1370	1540	406
500	3610	4110	2680	1490	6060	2400	1470	1640	406



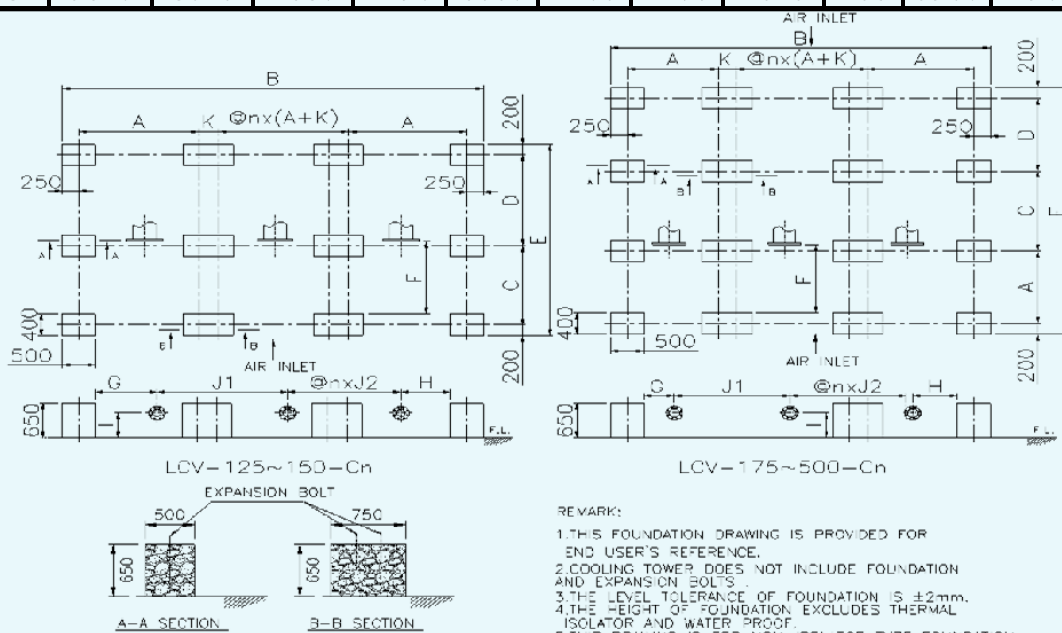
A-A SECTION

B-B SECTION

REMARK:

1. THIS FOUNDATION DRAWING IS PROVIDED FOR END USER'S REFERENCE.
2. COOLING TOWER DOES NOT INCLUDE FOUNDATION AND EXPANSION BOLTS .
3. THE LEVEL TOLERANCE OF FOUNDATION IS ± 2 mm.
4. THE HEIGHT OF FOUNDATION EXCLUDES THERMAL ISOLATOR AND WATER PROOF.
5. THIS DRAWING IS FOR NON-ISOLATOR TYPE FOUNDATION.

Item	Recommended Concrete Foundations										
	A	B	C	D	E	F	G	H	I	J	K
	m/m	m/m	m/m	m/m	m/m	m/m	m/m	m/m	m/m	m/m	m/m
125-C2	1800	4395	1465	1693	3558	1346	560.5	739.5	458	2095	295
150-C2	2100	4970	1465	1693	3558	1359	731	889	458	2350	270
175-C2	1600	3970	1350	1480	4580	1259	451.5	668.5	458	1850	270
200-C2	1600	3975	1350	1480	4580	1259	451.5	648.5	458	1875	275
225-C2	1795	4390	1493	1385	4770	1354	583.5	711.5	458	2095	300
250-C2	1995	4785	1480	1490	4860	1402	649	800	458	2336	295
300-C2	2195	5190	1490	1685	5065	1503	748	947	458	2495	300
350-C2	2810	6415	1780	1640	5460	1700	1055	1255	458	3105	295
400-C2	3010	6815	2080	1490	5460	1700	1170	1340	406	3305	295
450-C2	3410	7615	2680	1490	6060	2400	1370	1540	406	3705	295
500-C2	3610	8010	2680	1490	6060	2400	1470	1640	406	3900	290



Item	Recommended Concrete Foundations											
	A	B	C	D	E	F	G	H	I	J1	J2	K
	m/m	m/m	m/m	m/m	m/m	m/m	m/m	m/m	m/m	m/m	m/m	m/m
125-Cn	1800	6490	1465	1693	3558	1346	560.5	739.5	458	2095	2095	295
150-Cn	2100	7340	1465	1693	3558	1359	731	889	458	2350	2370	270
175-Cn	1600	5840	1350	1480	4580	1259	451.5	668.5	458	1850	1870	270
200-Cn	1600	5850	1350	1480	4580	1259	451.5	648.5	458	1875	1875	275
225-Cn	1795	6485	1493	1385	4770	1354	583.5	711.5	458	2095	2095	300
250-Cn	1995	7075	1480	1490	4860	1402	649	800	458	2336	2290	295
300-Cn	2195	7685	1490	1685	5065	1503	748	947	458	2495	2495	300
350-Cn	2810	9520	1780	1640	5460	1700	1055	1255	458	3105	3105	295
400-Cn	3010	10120	2080	1490	5460	1700	1170	1340	406	3305	3305	295
450-Cn	3410	11320	2680	1490	6060	2400	1370	1540	406	3705	3705	295
500-Cn	3610	11910	2680	1490	6060	2400	1470	1640	406	3900	3900	290

LCV SELECTION TABLE

Wet Bult Temp	27°C			28°C			29°C			83°F	84°F	
	Hot Water Temp - Cold Water Temp	37	42	55	37	42	55	37	42	55	100°F	100°F
Water Flow	1	1	1	1	1	1	1	1	1	1	1	1
Model No.	32	32	35	32	32	35	32	32	35	90°F	90°F	
	LPM			LPM			LPM			GPM		
125	1625	1030	1147	1394	901	1069	1148	760	986	340	307	
150	1950	1241	1383	1675	1086	1290	1382	918	1190	409	369	
175	2275	1458	1627	1959	1278	1519	1619	1083	1403	478	433	
200	2600	1650	1838	2233	1444	1714	1839	1219	1580	545	492	
225	2925	1845	2052	2506	1611	1912	2060	1358	1762	611	551	
250	3250	2055	2289	2787	1797	2134	2293	1516	1966	680	614	
300	3900	2540	2845	3372	2235	2662	2805	1903	2465	827	750	
350	4550	2943	3292	3927	2586	3078	3258	2197	2847	962	872	
400	5200	3330	3715	4476	2919	3469	3699	2472	3203	1095	990	
450	5850	3896	4391	5090	3451	4119	4271	2959	3827	1253	1143	
500	6500	4382	4954	5674	3893	4657	4782	3353	4334	1401	1280	

Remarks:

1. Above water flow listed is for singel cell only.
2. The total water flow for multiple cells is estimated by multiplying the water flow of single cell with number of cell.
3. Please specify the number of cells needed for selecting the proper size of cooling tower.
4. The hot water temperatuer above 45°C~65°C will require CPVC filling that can withstand high temperature.

LIANG CHI COOLING TOWER



HO CHI MINH OFFICE:

Address: 232, Truong Chinh street, Tan Hung Thuan Ward, District 12, HCM City

Tel : Sales: **08-37190007** Service: **08-37190116** Fax: **08-37190229/ 08-37190177**

Email: liangchi@hcm.vnn.vn

BINH DUONG FACTORY:

Address: Binh phu Hamlet, Binh Chuan Village, Thuan An Dist., Binh Duong Province.

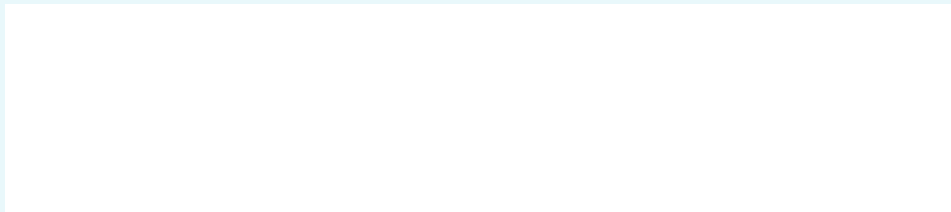
Tel : **0650-3611088 (7 line)** | Fax : **0650-3611095**

HA NOI BRANCH:

Address: Thanh Oai Industrial Zone, Bich Hoa Commune, Thanh Oai District, Ha Noi City, Viet Nam

Tel: **043-3534 369** Fax: **043-3530 369**

DITRIBUTED BY:



LIANGCHI II(VN) INDUSTRY CO., LTD.



CTI MEMBER