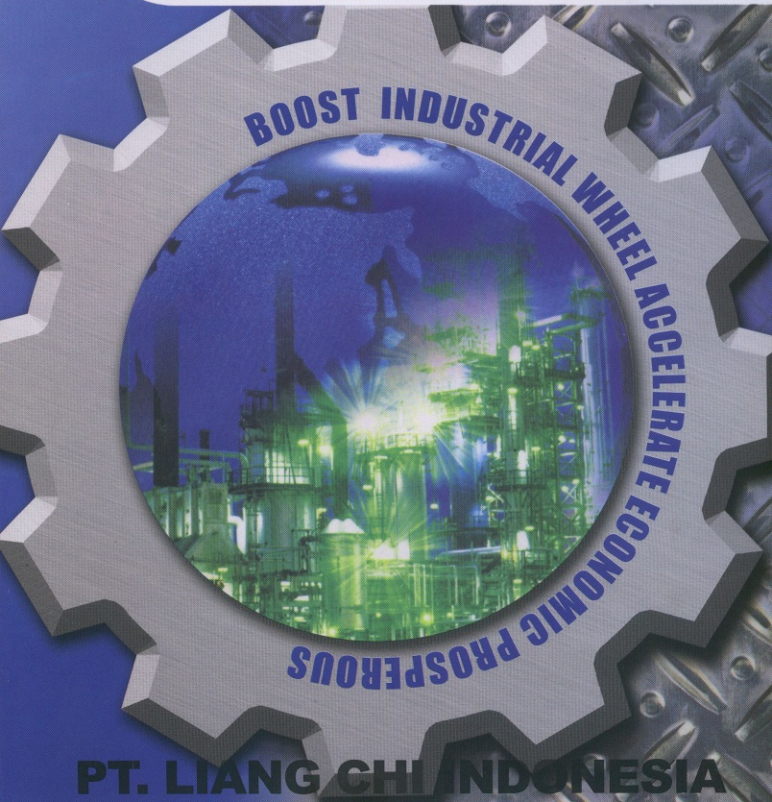
Liang Chi Fiberglass Cooling Tower

COUNTERFLOW INDUCED DRAFT (MODEL LBC)



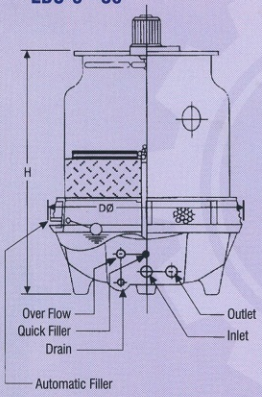
PT. LIANG CHI INDONESIA

SPECIFICATIONS & DIMENSIONS

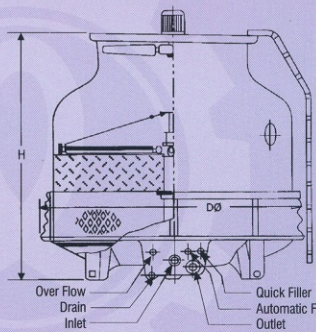
Tower Model LBC	Dimension mm(inch)				Pipe Connection mm(inch)												Fan Motor H.P.	Fan Dia mm(inch)		Air Volume M³/M(CFM)		Nominal Water Flow L/M(USGPM)		Tower Head m(ft) *1	Nom. Tons *2
	H		D		Outlet		Inlet		Over Flow		Drain		Auto Filler		Quick Filler									
5	1335	52½	850	33½	40	1½	40	1½	25	1	20	¾	15	½	15	½	⅛	500	19½	60	2100	65	17.2	1.5	5
10	1370	54	1060	41¾	40	1½	40	1½	25	1	20	¾	15	½	15	½	¼	670	26⅜	100	3500	130	34.3	1.5	5
15	1495	58⅞	1170	46	50	2	50	2	25	1	25	1	15	½	15	½	¼	670	26⅜	135	4700	195	51.5	1.6	5.3
20	1600	63	1380	54⅜	50	2	50	2	25	1	25	1	15	½	15	½	½	770	30¼	180	6300	260	68.7	1.7	5.6
25	1800	70¼	1380	54⅜	65	2½	65	2½	25	1	25	1	15	½	15	½	¾	770	30¼	200	7000	325	85.8	1.7	5.6
30	1735	68¼	1580	62¼	65	2½	65	2½	25	1	25	1	15	½	15	½	1	770	30¼	225	8100	390	103	1.8	6
40	1890	74½	1760	69¼	65	2½	65	2½	25	1	25	1	20	¾	20	¾	1½	970	38¼	280	9800	520	137	2	6.6
50	1890	74½	1970	77½	80	3	80	3	25	1	25	1	20	¾	20	¾	1½	970	38¼	330	11500	650	172	2	6.6
60	1895	74½	1970	77½	80	3	80	3	25	1	25	1	20	¾	20	¾	1½	1170	46	420	14700	780	206	2	6.6
70	2020	79½	2175	85⅝	100	4	100	4	25	1	25	1	20	¾	25	1	1½	1170	46	500	17500	910	240	2	6.6
80	2020	79½	2175	85⅝	100	4	100	4	25	1	25	1	20	¾	25	1	2	1170	46	540	18900	1040	275	2	6.6
100	2160	85	2650	104⅜	100	4	100	4	25	1	25	1	25	1	25	1	3	1470	57⅞	700	24500	1300	343	2.5	8.2
125	2210	87	2950	116⅛	125	5	125	5	50	2	25	1	25	1	25	1	3	1470	57⅞	830	29060	1625	429	3.	10
※150	2275	89½	3250	128	125	5	125	5	50	2	50	2	25	1	25	1	5	1750	68¼	950	33260	1950	515	3	10
※175	2425	95½	3250	128	125	5	125	5	50	2	50	2	25	1	25	1	5	1750	68¼	1150	40250	2275	601	3.2	11

* 1. Total pump head required for cooling water circulation pump is the sum of condenser water pressure drop, piping friction loss and tower head.
* 2. Nominal Tons are defined as 0.216L/Ton (3.43USGPM/Ton), cooled from 37°C to 32°C with 27°C wet bulb temperature.

LBC-5~30



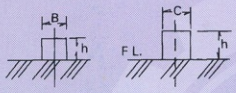
LBC-40~175

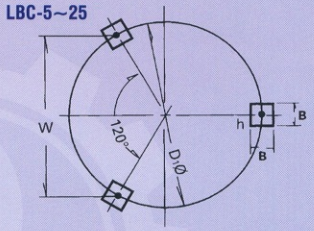


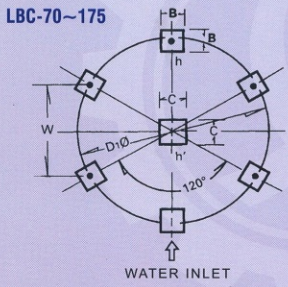
RECOMMENDED CONCRETE FOUNDATION

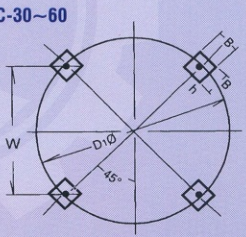
Tower Model FRP	Approx. Wt:kg		D1		W		B		h		C				h′		Anchor Bolt				
	Dry	Operating	mm(inch)		mm(inch)		mm(inch)		mm(inch)		mm(inch)				mm(inch)		Size mm(inch)		Length mm(inch)		Qty Pcs
5	39	114	550	21¾	476	18¾	200	8	150	6							M12	½	120	4¾	3
10	56	201	750	29½	650	25½	200	8	150	6							M12	½	120	4¾	3
15	63	243	880	34¾	762	30	200	8	150	6							M12	½	120	4¾	3
20	86	326	1120	44	970	38¼	200	8	150	6							M12	½	120	4¾	3
25	103	403	1120	44	970	38¼	200	8	150	6							M12	½	120	4¾	3
30	115	515	1330	52½	940	37	200	8	150	6							M12	½	120	4¾	4
40	168	488	1470	57⅞	1039	40⅞	250	10	200	8							M12	½	120	4¾	4
50	197	597	1680	66⅛	1188	46¾	250	10	200	8							M12	½	120	4¾	4
60	229	669	1680	66⅛	1188	46¾	250	10	200	8							M12	½	120	4¾	4
70	277	707	1760	69⅜	880	34½	250	10	200	8	250	10	240	9½			M12	½	120	4¾	5
80	292	722	1760	69⅜	880	34½	250	10	200	8	250	10	240	9½			M12	½	120	4¾	5
100	403	1073	2350	92½	1175	46¼	300	12	300	12	300	12	350	13½			M16	⅝	200	8	5
125	466	1356	2620	103⅛	1310	51½	300	12	300	12	300	12	350	13½			M16	⅝	200	8	5
※150	625	1960	2860	112½	1430	56¼	300	12	300	12	400	15¾	340	13⅜			M16	⅝	200	8	5
※175	713	2080	2860	112½	1430	56¼	300	12	300	12	400	15¾	340	13⅜			M16	⅝	200	8	5

* We reserve the right to make change in the specifications and dimensions please contact our agent for lates data.









SPECIFICATIONS & DIMENSIONS

Tower Model LBC	Dimension mm(inch)				Pipe Connection mm(inch)										Fan Motor H.P.	Fan Dia mm(inch)		Air Volume M³/M(CFM)		Nominal Water Flow L/M(USGPM)		Tower Head m(ft) *1		Nom. Tons *2
	H		D		Outlet		Inlet		Over Flow		Drain		Auto Filler		Quick Filler										
❄200	2990	117¾	3770	148½	150	6	150	6	50	2	50	2	32	1¼	32	1¼	5	1750	68⅞	1250	43760	2600	687	3.2	11	200
❄225	3090	121¾	3770	148½	150	6	150	6	50	2	50	2	32	1¼	32	1¼	7½	2400	94½	1750	61270	2925	773	3.2	11	225
❄250	3090	121¾	3770	148½	200	8	200	8	50	2	50	2	32	1¼	32	1¼	7½	2400	94½	1750	61270	3250	859	3.6	12	250
❄300	3350	131¾	4440	174¾	200	8	200	8	50	2	50	2	32	1¼	32	1¼	10	2400	94½	2200	77020	3900	1030	3.6	12	300
❄350	3390	133½	4790	188¾	200	8	200	8	50	2	50	2	32	1¼	32	1¼	10	2400	94½	2200	77020	4550	1202	4	13.2	350
400	3890	153¼	5180	203¾	200	8	200	8	100	4	50	2	50	2	50	2	15	3000	118⅜	2600	91030	5200	1374	4	13.2	400
500	3890	153¼	5580	219¾	250	10	250	10	100	4	50	2	50	2	50	2	15	3000	118⅜	2600	91030	6500	1717	4	13.2	500
600	4340	170¾	6600	259¾	250	10	250	10	100	4	50	2	50	2	50	2	20	3400	133⅞	3750	125000	7800	2060	5	16.5	600
700	4380	172½	6600	259¾	250	10	250	10	100	4	50	2	50	2	50	2	20	3400	133⅞	3750	125000	9100	2404	5.5	18.2	700
800	4930	194¼	7600	229¼	300	12	300	12	100	4	80	3	50	2	50	2	30	3600	141¾	5000	175000	10400	2747	6	20	800
1000	5144	202½	7600	299¼	300	12	300	12	100	4	80	3	50	2	50	2	30	3600	141¾	5000	175000	13000	3430	6	20	1000

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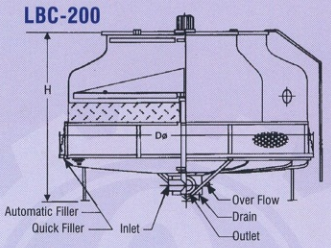

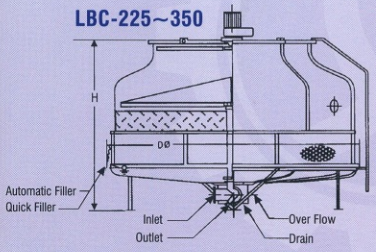

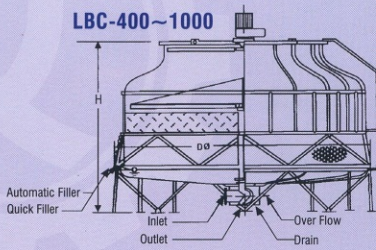

RECOMMENDED CONCRETE FOUNDATION

Tower Model FRP	Approx. Wt:kg		D1		W		D2		A		B		h		h'		Anchor Bolt			
	Dry	Operating	mm(inch)		mm(inch)		mm(inch)		mm(inch)		mm(inch)		mm(inch)		mm(inch)		Size mm(inch)		Length mm(inch)	Qty Pcs
※200	870	3460	3354	132	2372	93⅜			130	5	300	12	300	12	400	16	M16	⅝	200	8	8
※225	960	3520	3354	132	2372	93⅜			130	5	300	12	300	12	400	16	M16	⅝	200	8	8
※250	1030	3570	3354	132	2372	93⅜			130	5	300	12	300	12	400	16	M16	⅝	200	8	8
※300	1283	4543	3964	156⅛	2803	110⅜			140	5½	300	12	300	12	400	16	M16	⅝	200	8	8
※350	1362	4620	4297	169¼	3039	119⅝			140	5½	300	12	300	12	400	16	M16	⅝	200	8	8
400	2171	6811	5100	200¾	2550	100⅜	2900	114¼	140	5½	500	20	300	12	400	16	M20	¾	200	8	12
500	2428	7068	5500	216½	2750	108¼	3100	122	140	5½	500	20	300	12	400	16	M20	¾	200	8	12
600	3364	10774	6480	255⅛	2488	98	3600	141¾	140	5½	500	20	300	12	400	16	M20	¾	200	8	16
700	3567	10967	6480	255⅛	2488	98	3600	141¾	140	5½	500	20	300	12	400	16	M20	¾	200	8	16
800	4380	11980	7500	295¼	2870	112⅞	4155	163½	140	5½	500	20	300	12	400	16	M20	¾	200	8	16
1000	4636	12436	7500	295¼	2870	112⅞	4155	163½	140	5½	500	20	300	12	400	16	M20	¾	200	8	16

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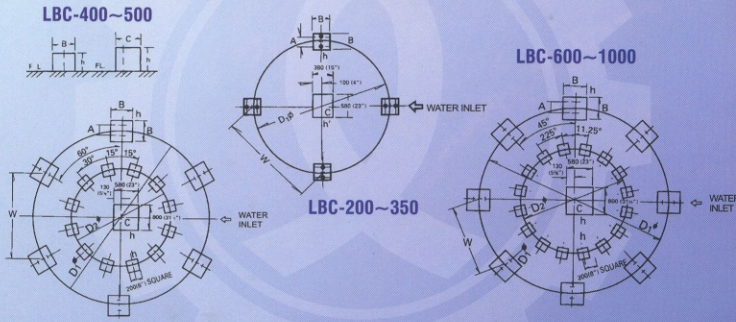
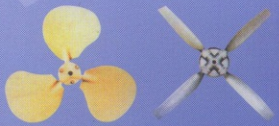
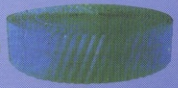


LIANG CHI SPARE PART


SPECIAL V-BELT SPEED REDUCER

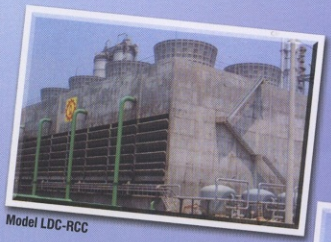

ROTATING SPRINKLER HEAD


FANS

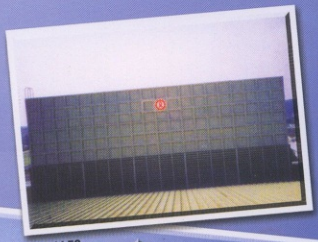

PVC FILLING


MOTOR

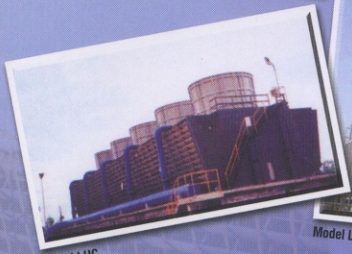
OTHER LIANG CHI PRODUCTS



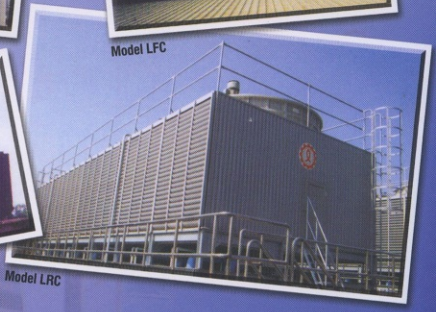
Model LDC-RCC



Model LFC



Model LHC



Model LRC

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