



▶ CLB系列
方形逆流式冷却塔
玻璃钢/镀锌钢/不锈钢

▶ CLB series
Square Inverse-flow cooling tower
F·R·P/ galvanized steel / stainless steel

环保·专业·节能 Environmental-friendly·professional·energy-saving



江苏中冷冷却系统有限责任公司
Jiangsu Zhong Leng Cooling System Co., Ltd



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➤ 企业简介

COMPANY PROFILE

江苏中冷冷却系统有限责任公司位于风景秀丽的国家AAAA级旅游度假区——天目湖畔。公司集产品开发、设计、制造、维修、安装、调试、售后服务于一体的冷却塔及水处理设备的专业化企业。

公司专业生产方形横流、逆流、喷雾、鼓风、水轮机、砼结构冷却塔广泛用于热电、化工、纺织、电子冶金、制药、卷烟以及科研单位、宾馆、商场、影剧院、民用建筑和空调制冷循环水冷却工程中。

企业在发展过程中不断创新设计理念、优化产品结构、改进生产工艺、提高服务质量。以精良的产品，周到的服务博得国内外用户青睐。产品畅销全国各地，并远销国外。

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Jiangsu Zhongleng Cooling System Co., Ltd. is located on the bank of Tianmu River – national grade AAAA scenic tourist resort with beautiful scenery. The company belongs to specialized enterprises of cooling tower and water treatment equipment, which integrates product development, design, manufacture, maintenance, installation, commissioning and after-sales services.

Our company specializes in producing square cross-flow, countercurrent, spray, blast, turbine, and concrete structure cooling towers which are widely used in thermoelectricity, chemical, textile, electronics metallurgy, pharmaceuticals, cigarettes, and research institutes, hotels, shopping malls, theaters, civil buildings and air conditioning and refrigeration circulating water cooling projects.

Our enterprise continuously inaugurates design concept, optimizes product structure, improves production process, and improves the service quality continuously in the development process. We have obtained good graces from domestic and foreign users with excellent products and good service. Our products are sold throughout the country and abroad.

Save every drop of water! Saves per kWh of electricity!

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CLB系列

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产品实景

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典型用户

	宝钛股份		中国人民解放军450
	江阴力士化工		大明宫家居城
	海隆石油工业集团有限公司		江苏银珠化工集团有限公司
	奇瑞汽车		乌鲁木齐医学院
	中国石油		湖北南星化工
	柳州钢铁股份有限公司		中财水泥湘潭有限公司
	中国重汽总部		青岛软控重工有限公司
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	新奥能源控股有限公司		卓越纳米新材料
	开元商城		陕西龙门钢铁(集团)有限责任公司
	江淮汽车		中国建筑第五工程局有限公司



中冷

CLB单风机冷却塔系列数据表

Data sheet of CLB single-fan cooling tower series

低温型(B)

Low temperature type (B)

设计条件：大气压 $P=1.004 \times 10^5 \text{ Pa}$ (0.1Mpa)；湿球温度 $\tau = 28^\circ\text{C}$ ；干球温度 $\theta = 31.5^\circ\text{C}$
进塔水温 $t_1 = 37^\circ\text{C}$ ；出塔水温 $t_2 = 32^\circ\text{C}$ ；温差 $\Delta t = 5^\circ\text{C}$

Design conditions: atmospheric pressure $P = 1.004 \times 10^5 \text{ Pa}$ (0.1Mpa); wet bulb temperature $\tau = 28^\circ\text{C}$; dry bulb temperature $\theta = 31.5^\circ\text{C}$
Tower feeding water temperature $t_1 = 37^\circ\text{C}$; Tower discharging water temperature $t_2 = 32^\circ\text{C}$; temperature difference $\Delta t = 5^\circ\text{C}$

规格 Specification 型号 Model	外形尺寸 Outside Dimension				风机 Fan			冷却塔配管口径 Cooling Tower Pipe Diameter					进塔 水压 Water pressure Kpa	噪声 Noise dB(A)	制品重量 Product weight Kg	运行湿重 Operation wet weight Kg
	长(L) mm	宽(B) mm	高(H) mm	H1 mm	风量 Wind Quantity m^3/h	直径 Diameter mm	功率 Power Kw	进水管 Water feeding pipe DN	出水管 Water discharging pipe DN	补水管 Water replenishing pipe DN	溢水管 Water overflow pipe DN	排水管 Water drainage pipe DN				
CLB-50B	2000	2000	3600	2600	2.8	1200	1.5	100	125	25	40	40	32	< 55	930	1680
CLB-75B	2200	2200	3600	2600	3.8	1500	2.2	125	150	40	50	50	32	< 56	1050	2360
CLB-100B	2500	2500	4000	3000	5.4	1800	3.0	150	200	40	50	50	32	< 58	1550	2630
CLB-125B	2700	2700	4000	3000	6.5	1800	3.0	150	200	40	50	50	32	< 59	1890	3250
CLB-150B	3000	3000	4000	3200	8.2	2000	4.0	150	200	40	50	50	32	< 60	2154	3760
CLB-175B	3200	3200	4100	3200	9.7	2000	5.5	200	250	40	50	50	34	< 60	2543	4650
CLB-200B	3500	3500	4200	3200	11.5	2000	5.5	200	250	40	50	50	34	< 60	3000	5200
CLB-250B	3900	3900	4200	3200	13.0	2400	7.5	250	300	40	50	50	36	< 61	3520	6260
CLB-300B	4200	4200	4200	3400	16.2	2800	11.0	250	300	40	50	50	36	< 62	3760	7520
CLB-350B	4500	4500	4300	3600	18.6	3000	11.0	250	300	40	50	50	36	< 62	4450	9360
CLB-400B	4800	4800	4300	3800	22.5	3400	11.0	300	300	40	50	50	38	< 63	4850	9560
CLB-450B	5200	5200	4800	3700	25.0	3600	15.0	300	350	50	65	65	38	< 64	5400	11350
CLB-500B	5500	5500	4800	3700	28.0	3800	15.0	300	350	50	65	65	40	< 64	6600	13700
CLB-550B	5700	5700	4800	3700	34.0	4000	15.0	300	350	50	65	65	40	< 64	7080	15660
CLB-600B	6000	6000	5000	3800	36.0	4200	18.5	250×2	400	50	65	65	40	< 65	8050	16800
CLB-650B	6200	6200	5200	3800	38.0	4200	18.5	250×2	400	50	65	65	40	< 65	8400	17800
CLB-700B	6500	6500	5500	4200	40.0	4600	18.5	250×2	400	50	65	65	40	< 66	9030	19100
CLB-800B	7000	7000	5400	4000	46.0	4700	22.0	300×2	450	50	65	65	40	< 68	10260	21100
CLB-900B	7400	7400	5600	4200	51.0	5000	30.0	300×2	450	50	65	65	42	< 68	12000	24100
CLB-1000B	7800	7800	5600	4200	58.0	5000	37.0	300×2	450	50	65	65	42	< 68	14300	31200

说明：同型号塔群可由多台单风机塔组合，例（1）每小时流量 $1000\text{m}^3/\text{h}$ 冷却塔，可以由5台 $200\text{m}^3/\text{h}$ 单风机塔组合；也可由4台 $250\text{m}^3/\text{h}$ 单风机塔组合。我公司可以根据客户需要另行设计。

Description: Tower group of the same model can be combined by multiple single turbine towers, example (1) cooling tower with hourly flow of $1000\text{m}^3/\text{h}$ can be combined by five $200\text{m}^3/\text{h}$ single-fan towers, and also can be combined by four $250\text{m}^3/\text{h}$ single fan towers. Our company can additionally design it according to customer needs.



CLB单风机冷却塔系列数据表

中 冷

Data sheet of CLB single-fan cooling tower series

中温型(Z)

Medium temperature type (Z)

设计条件：大气压 $P=1.004 \times 10^5 \text{Pa}$ (0.1Mpa)；湿球温度 $\tau = 28^\circ\text{C}$ ；干球温度 $\theta = 31.5^\circ\text{C}$
进塔水温 $t_1 = 43^\circ\text{C}$ ；出塔水温 $t_2 = 33^\circ\text{C}$ ；温差 $\Delta t = 10^\circ\text{C}$

Design conditions: atmospheric pressure $P = 1.004 \times 10^5 \text{Pa}$ (0.1Mpa); wet bulb temperature $\tau = 28^\circ\text{C}$; dry bulb temperature $\theta = 31.5^\circ\text{C}$
Tower feeding water temperature $t_1 = 43^\circ\text{C}$; Tower discharging water temperature $t_2 = 33^\circ\text{C}$; temperature difference $\Delta t = 10^\circ\text{C}$

规格 Specification	外形尺寸 Outside Dimension				风机 Fan			冷却塔配管口径 Cooling Tower Pipe Diameter					进塔 水压 Water pressure Kpa	制品重量 Product weight Kg	运行湿重 Operation wet weight Kg
	长(L)	宽(B)	高(H)	H1	风量 Wind Quantity m^3/h	直径 Diameter mm	功率 Power Kw	进水管 Water feeding pipe DN	出水管 Water discharging pipe DN	补水管 Water replenishing pipe DN	溢水管 Water overflow pipe DN	排水管 Water drainage pipe DN			
	mm	mm	mm	mm	m^3/h	mm	Kw	DN	DN	DN	DN	DN			
CLB-50Z	2000	2000	3600	2600	3.2	1200	2.2	100	125	25	40	40	34	980	1980
CLB-75Z	2200	2200	3600	2600	4.6	1500	3.0	125	150	40	50	50	34	1150	2450
CLB-100Z	2500	2500	4000	3000	6.5	1800	4.0	150	200	40	50	50	34	1650	2700
CLB-125Z	2700	2700	4000	3000	8.2	2000	4.0	150	200	40	50	50	34	1990	3450
CLB-150Z	3000	3000	4200	3200	9.7	2000	5.5	150	200	40	50	50	34	2254	3860
CLB-175Z	3200	3200	4200	3200	11.5	2000	5.5	200	250	40	50	50	36	2640	4760
CLB-200Z	3500	3500	4300	3200	13.0	2400	7.5	200	250	40	50	50	36	3250	5400
CLB-250Z	3900	3900	4300	3200	16.2	2800	11.0	250	300	40	50	50	38	3650	6780
CLB-300Z	4200	4200	4400	3400	18.6	3000	11.0	250	300	40	50	50	38	3860	8600
CLB-350Z	4500	4500	4500	3600	22.5	3200	11.0	250	300	40	50	50	38	4500	9500
CLB-400Z	4800	4800	4600	3800	25.0	3600	15.0	300	300	40	50	50	40	4930	9980
CLB-450Z	5200	5200	5000	3800	28.0	3800	15.0	300	350	50	65	65	40	5500	11450
CLB-500Z	5500	5500	5000	3800	34.0	4000	15.0	300	350	50	65	65	40	6700	13800
CLB-550Z	5700	5700	5000	3800	36.0	4000	15.0	300	350	50	65	65	40	7100	15700
CLB-600Z	6000	6000	5400	4000	38.0	4600	18.5	250 × 2	400	50	65	65	42	8160	17800
CLB-650Z	6200	6200	5400	4000	40.0	4600	18.5	250 × 2	400	50	65	65	40	8600	18100
CLB-700Z	6500	6500	5400	4000	46.0	4700	22.0	250 × 2	400	50	65	65	42	9120	19860
CLB-800Z	7000	7000	5600	4200	50.0	5000	30.0	300 × 2	450	50	65	65	42	10560	21700
CLB-900Z	7400	7400	5600	4200	58.0	5000	37.0	300 × 2	450	50	65	65	44	12200	24600
CLB-1000Z	7800	7800	5600	4200	65.0	6000	37.0	300 × 2	450	50	65	65	44	14500	31800

说明：同型号塔群可由多台单风机塔组合，例（2）每小时流量 $1500\text{m}^3/\text{h}$ 冷却塔，可以由3台 $500\text{m}^3/\text{h}$ 单风机塔组合；也可由6台 $250\text{m}^3/\text{h}$ 单风机塔组合。我公司可以根据客户需要另行设计。

Description: Tower group of the same model can be combined by multiple single turbine towers, example (2) cooling tower with hourly flow of $1500\text{m}^3/\text{h}$ can be combined by three $500\text{m}^3/\text{h}$ single-fan towers, and also can be combined by six $250\text{m}^3/\text{h}$ single fan towers. Our company can additionally design it according to customer needs.



CLB单风机冷却塔系列数据表

中冷

Data sheet of CLB single-fan cooling tower series

高温型(G)

High temperature type (G)

设计条件：大气压 $P=1.004 \times 10^5 \text{Pa}$ (0.1Mpa)；湿球温度 $\tau = 28^\circ\text{C}$ ；干球温度 $\theta = 31.5^\circ\text{C}$
进塔水温 $t_1 = 60^\circ\text{C}$ ；出塔水温 $t_2 = 35^\circ\text{C}$ ；温差 $\Delta t = 25^\circ\text{C}$

Design conditions: atmospheric pressure $P = 1.004 \times 10^5 \text{Pa}$ (0.1Mpa); wet bulb temperature $\tau = 28^\circ\text{C}$; dry bulb temperature $\theta = 31.5^\circ\text{C}$
Tower feeding water temperature $t_1 = 60^\circ\text{C}$; Tower discharging water temperature $t_2 = 35^\circ\text{C}$; temperature difference $\Delta t = 25^\circ\text{C}$

规格 Specification	外形尺寸 Outside Dimension				风机 Fan			冷却塔配管口径 Cooling Tower Pipe Diameter					进塔 水压 Water pressure	制品重量 Product weight	运行湿重 Operation wet weight
	长(L)	宽(B)	高(H)	H1	风量 Wind Quantity	直径 Diameter	功率 Power	进水管 Water feeding pipe	出水管 Water discharging pipe	补水管 Water replenishing pipe	溢水管 Water overflow pipe	排水管 Water drainage pipe			
	mm	mm	mm	mm	m^3/h	mm	Kw	DN	DN	DN	DN	DN			
CLB-50G	2000	2000	3850	2800	4.6	1200	2.2	100	125	25	40	40	38	1050	1880
CLB-75G	2200	2200	3850	2800	6.5	1500	3.0	125	150	40	50	50	38	1250	2550
CLB-100G	2500	2500	4200	3200	8.2	2000	5.5	150	200	40	50	50	38	1750	2950
CLB-125G	2700	2700	4200	3200	9.7	2000	5.5	150	200	40	50	50	38	2190	3600
CLB-150G	3000	3000	4200	3200	11.5	2400	7.5	150	200	40	50	50	38	2450	3980
CLB-175G	3200	3200	4200	3200	13.0	2400	7.5	200	250	40	50	50	41	2680	4760
CLB-200G	3500	3500	4800	3600	16.2	2800	7.5	200	250	40	50	50	41	3250	5300
CLB-250G	3900	3900	4800	3600	18.6	2800	11.0	250	300	40	50	50	43	3620	6460
CLB-300G	4200	4200	4800	3800	22.5	3000	11.0	250	300	40	50	50	43	3860	7620
CLB-350G	4500	4500	4800	3800	25.5	3200	11.0	250	300	40	50	50	43	4600	9600
CLB-400G	4800	4800	5400	4200	28.0	3800	15.0	300	300	40	50	50	45	5030	10800
CLB-450G	5200	5200	5400	4200	32.0	4000	15.0	300	350	50	65	65	45	5600	11500
CLB-500G	5400	5400	5400	4200	38.0	4200	18.5	300	350	50	65	65	45	6850	13900
CLB-550G	5700	5700	5400	4200	42.0	4200	18.5	300	350	50	65	65	45	7230	16700
CLB-600G	6000	6000	5400	4200	46.0	4600	18.5	250 × 2	400	50	65	65	47	8260	17970
CLB-650G	6200	6200	5400	4200	50.0	4600	22.0	250 × 2	400	50	65	65	47	8700	18400
CLB-700G	6500	6500	6200	4800	50.0	5000	30.0	250 × 2	400	50	65	65	47	9320	19960
CLB-800G	7000	7000	6200	4800	58.0	5000	37.0	300 × 2	450	50	65	65	47	10760	22080
CLB-900G	7400	7400	6200	4800	66.0	5000	45.0	300 × 2	450	50	65	65	49	12450	24900
CLB-1000G	7800	7800	6200	4800	75.0	6000	45.0	300 × 2	450	50	65	65	49	15100	32800

说明：同型号塔群可由多台单风机塔组合，例（3）每小时流量 $2400\text{m}^3/\text{h}$ 冷却塔，可以由3台 $800\text{m}^3/\text{h}$ 单风机塔组合；也可由4台 $600\text{m}^3/\text{h}$ 单风机塔组合。我公司可以根据客户需要另行设计。

Description: Tower group of the same model can be combined by multiple single turbine towers, example (2) cooling tower with hourly flow of $1500\text{m}^3/\text{h}$ can be combined by three $800\text{m}^3/\text{h}$ single-fan towers, and also can be combined by four $600\text{m}^3/\text{h}$ single fan towers. Our company can additionally design it according to customer needs.

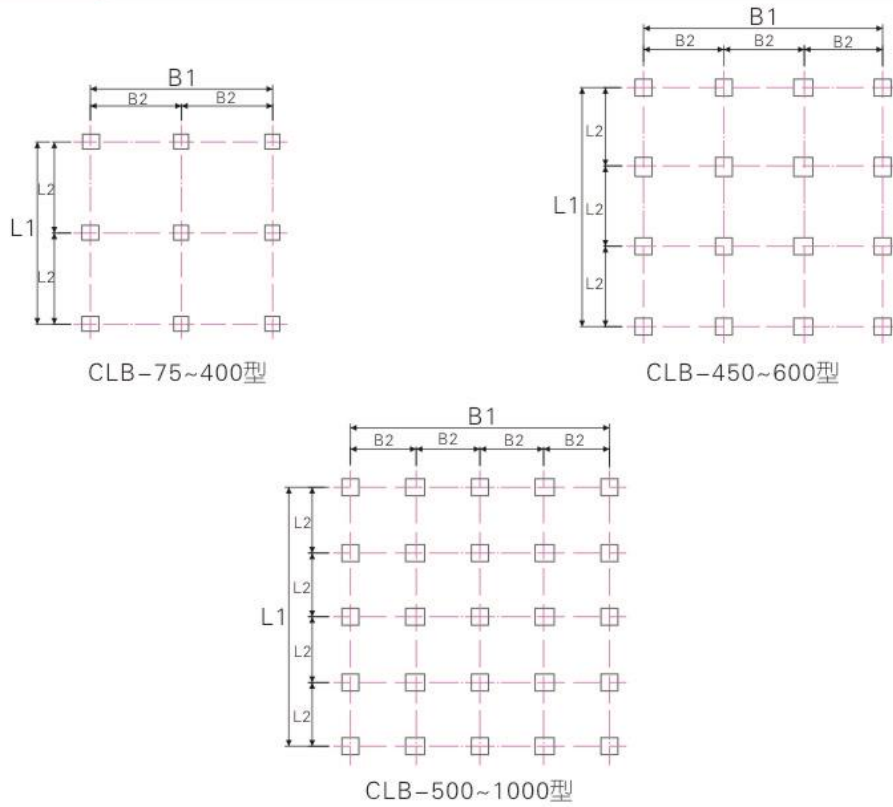


CLB冷却塔基础数据图表

Foundation data sheet of CLB cooling tower

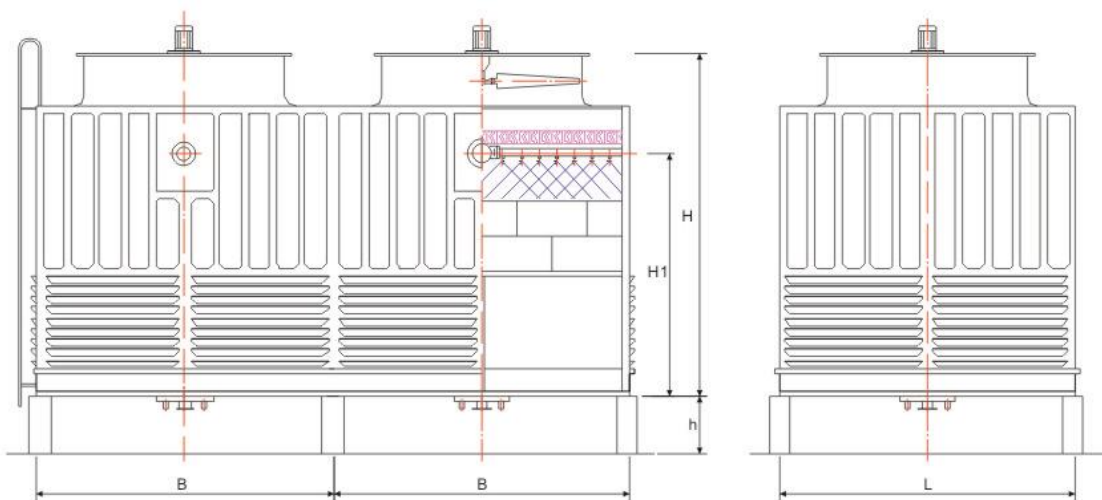
基础平面图

Foundation plan



冷却塔外型图

Cooling tower appearance map





CLB冷却塔基础数据图表

Foundation data sheet of CLB cooling tower

基础数据表

Foundation data sheet

表一(table one)

项目 Project	型号 Model	50型	75型	100型	125型	150型	175型
低 中 高 温 型 Low, high and medium temperature type	L1	2000	2200	2500	2700	3000	3200
	L2	1000	1100	1250	1350	1500	1600
	B1	2000	2200	2500	2700	3000	3200
	B2	1000	1100	1250	1350	1500	1600
基础高:h Foundation height		≥800					
基础截面 Foundation cross section		300 × 300					

表二(table two)

项目 Project	型号 Model	200型	250型	300型	350型	400型	450型	500型
低 中 高 温 型 Low, high and medium temperature type	L1	3500	3900	4200	4500	4800	5200	5400
	L2	1750	1950	2100	2250	2400	2600	1800
	B1	3500	3900	4200	4500	4800	5200	5400
	B2	1750	1950	2100	2250	2400	2600	1800
基础高:h Foundation height		≥1000						
基础截面 Foundation cross section		300 × 300						

表三(table three)

项目 Project	型号 Model	550型	600型	650型	700型	800型	900型	1000型
低 中 高 温 型 Low, high and medium temperature type	L1	5700	6000	6200	6500	7000	7400	7800
	L2	1900	2000	1550	1625	1750	1850	1950
	B1	5700	6600	6200	6500	7000	7400	7800
	B2	1900	2000	1550	1625	1750	1850	1950
基础高:h Foundation height		≥1200						
基础截面 Foundation cross section		300 × 300						

注: ① 单位: mm

② 多风机冷却塔由于组合形式多样化, 在本表中不能一一表述。

③ 表中参数供用户参考, 本公司根据用户所选定的冷却塔另行提供详细的基础施工图。

④ CLB(CD)型系列冷却塔与CLB(D)型系列冷却塔的基础尺寸相同。

Note: ① Unit: mm

② The multi-fan cooling tower can not be described one by one in the table due to various combination forms.

③ The parameters in the table can be provided for the users as reference, and our company provides detailed foundation construction map according to cooling tower selected by the user.

④ The foundation sizes of the CLB (CD) Series cooling tower and CLB (D) series cooling tower are the same.



安装注意事项

Installation Notes

1. 冷却塔应安装在通风良好的场地，应避免冷却塔排出的湿热空气被再次吸入。
2. 冷却塔进风口应与墙壁等障碍物保持适当的距离，以免造成进风量不足。
3. 冷却塔应安装在水平的基础上，确保冷却塔整体重量在基础上平均分布。

使用前准备

Preparation before use

- 1、开机前应对进、出水管、热水盆、冷水盆进行全面清洗。
- 2、检查传动部位紧固件是否牢固，检查风叶与轮毂编号是否一致，攀动风机转动是否灵活，检查叶片有无括碰风筒内壁的现象。
- 3、冷却塔风机采用皮带传动时，应检查三角皮带张紧度是否合适，皮带轮是否在同一水平线。
- 4、冷却塔风机采用直联齿轮减速机时，应检查减速机内是否注入润滑油，检查油位，是否有漏油。
- 5、检查电机绝缘电阻是否良好，以免运转时烧坏；点击启动风机旋转方向是否正确，从塔顶往下看为顺时针方向；连续运转1小时，测定，记录电机电流值、电压值。检查减速机、电机是否有不正常响声、是否发热等其它异常现象。
- 6、检查冷却塔冷水盆水位是否正常，是否有渗漏现象。

使用及维护

Use and maintenance

- 1、冷却塔运行时必须有专人管理，操作人员应及时作好日台帐记录，定时定期检查记录运行及维护情况，发现问题及时排除。
- 2、每年定期对冷却塔进行一次全面检查，及时清除热水盆和滤网上的残留物，防止污物积聚影响进出水量。
- 3、采用皮带传动应定期调整皮带张紧度，采用齿轮传动的发现油量不足时应及时补加，一般每二个月补加一次，每六个月更换一次，并应清洗齿轮箱。润滑油牌号为N320工业齿轮油。
- 4、水质要求不含油质和杂质，循环水的悬浮物含量，一般控制在50mg/kg以下，浑浊度增大时，应适当地添加少量漂白粉或其它水质处理剂或配套水处理设备进行处理。



安装注意事项

Installation Notes

1. Cooling tower should be installed in a well ventilated space, and should prevent hot and humid air discharged from the cooling tower from being inhaled again.
2. The air inlet of the cooling tower should keep suitable distance from the obstacles such as walls and the like, thereby avoiding insufficient air inlet quantity.
3. The cooling tower should be installed in horizontal foundation to ensure that the overall weight of the cooling tower can be evenly distributed on the foundation.

使用前准备

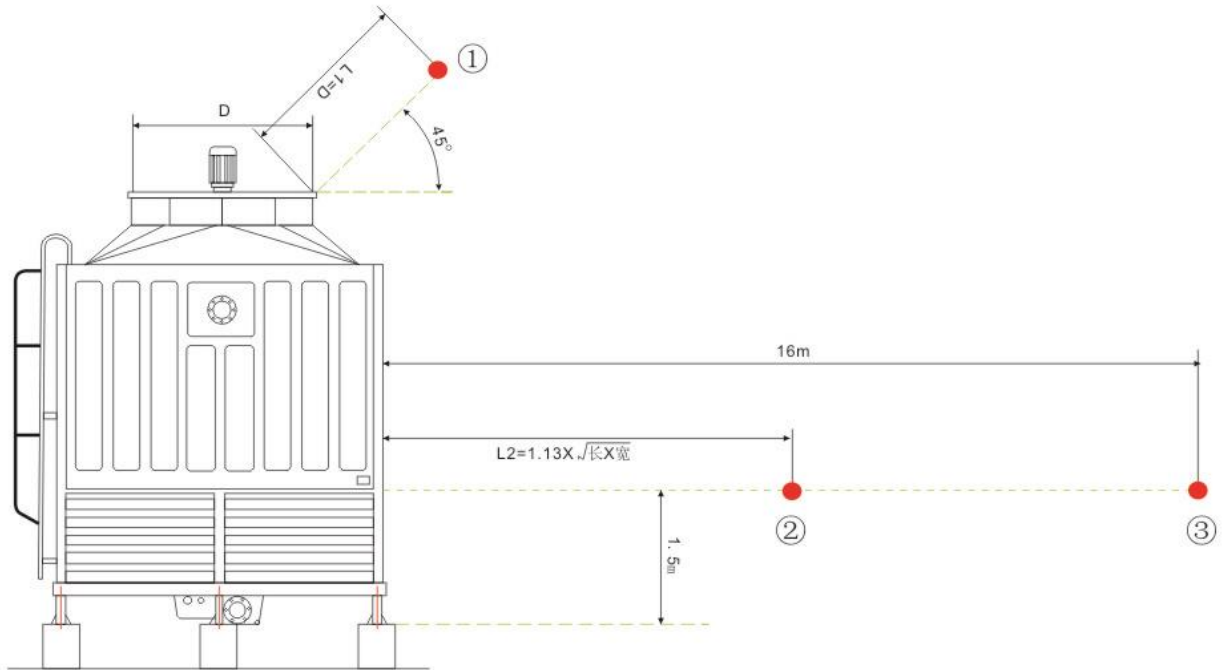
Preparation before use

1. The water feeding pipe, water discharging pipe, hot water basin and cold water basin should be comprehensively cleaned before turning on.
 2. The operator should check whether the fasteners of the transmission parts are firm or not, check whether the blades are consistent with the wheel hub numbers or not, whether the rotation of climbing moving fans is flexible or not, and check whether the blades touch the duct wall or not;
 3. When the cooling tower fan adopts belt for driving, the operator should check whether the belt tension degree is appropriate or not, and whether the pulleys are on the same horizontal line or not.
 4. When the cooling tower fan adopts direct speed reduction gear box, the operator should check whether the lubricant is injected into the speed reduction gear box or not, and should check the oil level, and whether the oil is leaked or not;
 5. The operator should check whether the insulation resistance is good or not in order to avoid burn during running; the operator should click to turn on the fan to check whether the rotation direction is correct or not, and it should be clockwise direction when operator observe downwards from the tower top; the machine should continuously operate for one hour, and the operator should measure and record the motor current value and voltage value, and check whether the speed reducer and the motor have abnormal sound or not, whether they are hot or not, and other anomalies.
- during running; the operator should click to turn on the fan to check whether the rotation direction is correct or not, and it should be clockwise direction when operator observe downwards from the tower top; the machine should continuously operate for one hour, and the operator should measure and record the motor current value and voltage value, and check whether the speed reducer and the motor have abnormal

使用及维护

Use and maintenance

1. The cooling tower must be managed by special staff during operation, the operator should timely record the daily accounting, check and record inspection and maintenance conditions timely and regularly, thereby identifying and removing problems in time.
2. The operator should comprehensively check the cooling tower once, and timely clean the residues on the hot water basin and filter net, thereby preventing dirt from accumulating and affecting the water feeding and discharging quantity.
3. When belt transmission is adopted, the tension degree of the belts should be regularly adopted, if gear transmission is adopted, the oil should be timely filled due to insufficient oil quantity, the oil should be filled once every two months and should be replaced once every six months, and the gear box should be cleaned. The brand of the lubricant is N320 industrial gear oil.
4. The water quality should not have oil and impurities, the suspended solids content of the circulating water should be generally controlled under 50mg/kg, a small amount of bleach or other water quality processing agents or equipped water treatment equipment should be added for treatment.



- 1、噪音应在冷却塔正常运行时测量；
- 2、测量噪音时周围环境必须安静,风机不运转时冷却塔的噪音值应比不运行时的A声级低10dB(A),否则应进行修正2~4dB(A);
- 3、测定声级标准以测点②的A声级为准,①点和③点作为参考。

- 1、 Noise should be measured when the cooling tower is running normally;
- 2、 When measuring the noise,its surrounding environment must be quiet;
- 3、 The sound grade detecting standard should,keep detecting the point② A sound grade as datum,and the point①and point③ as references。



CLB-系列冷却塔机型选择曲线图

CLB-series cooling tower model selection curve diagram

例:

A条件: 需处理水量 $550\text{m}^3/\text{h}$
进水温度 37°C
出水温度 32°C
湿球温度 28°C

B选择方法:

- 1、从热水温度 37°C 画垂直线向上到湿球温度 28°C 的曲线处相交于点①
- 2、从点①画水平线至温差 5°C 曲线处相交于点②
- 3、从点②画垂直线向上至循环水 $550\text{m}^3/\text{h}$ 曲线处相交于点③
- 4、点③在 $500-600$ 曲线之间, 故选择 600 型冷却塔

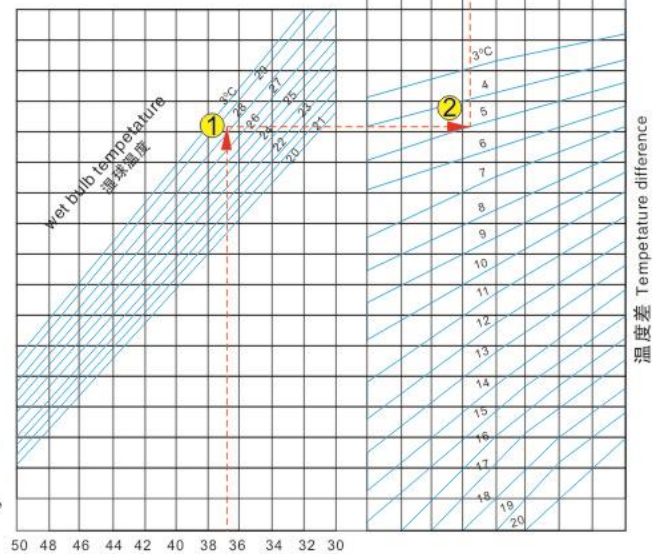
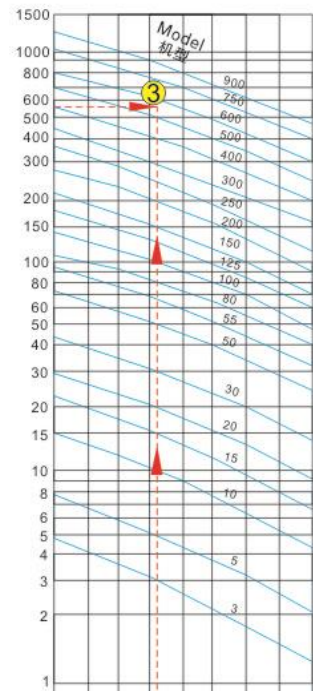
Example:

Condition A:

to-be-processed water quantity $550\text{m}^3/\text{h}$
Water feeding temperature 37°C
Water discharging temperature 32°C
Web bulb temperature 28°C

B Selection method:

1. The vertical line drawn from hot water temperature of 37°C upwards and the curve are crossed 28°C on the point ①.
2. The horizontal line drawn from the point ① and the temperature difference 5°C curve are crossed on the point ②.
3. The vertical line drawn from the point ② and t circulating water $550\text{m}^3/\text{h}$ curve are crossed at point ③.
4. The point ③ is between 500 and 600 curves, thereby type 600 cooling tower is selected.





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