

良基® 中威良基
ZHONGWEI LIANGJI

产品手册
PRODUCT MANUAL

LIANGJI FRP COUNTER FLOW ROUND COOLING TOWER



Authorized Distributor for Bangladesh



HRG ENVIRONMENTAL ENGINEERING

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HON MING TECHNOLOGY GROUP
HENAN HONMING SMART TECHNOLOGY CO.,LTD.

HON MING



Brief Introduction of Cooling Tower Development

HonMing Group was founded in 1993, which is a professional cooling tower manufacturer with over 28 years history. The company focus on researching, developing and manufacturing products with characteristics of high efficiency, energy saving, noise reduction, environmental protection, and providing all-round heat exchange energy saving solutions and solutions for building air conditioning and industrial systems. It has developed HonMing cooling tower series with the concept of high efficiency, low noise and environmentally friendly.

The products are widely used in the cooling water circulation system of petrochemical, electronic power, metallurgy, machinery, medicine, air conditioning and other industries.

HonMing Group takes the cooling tower development idea of "New Cooling Technology" as our own responsibility. After more than 28 years hard working, and continuously forge ahead and innovate, HonMing Group has earned great feedback and approved by our clients.



检察院



公安局



中国五矿



建设银行



工商银行



交通银行



中国烟草



万科地产



恒大地产



比亚迪



广汽



汇源果汁



约克



特灵



开利

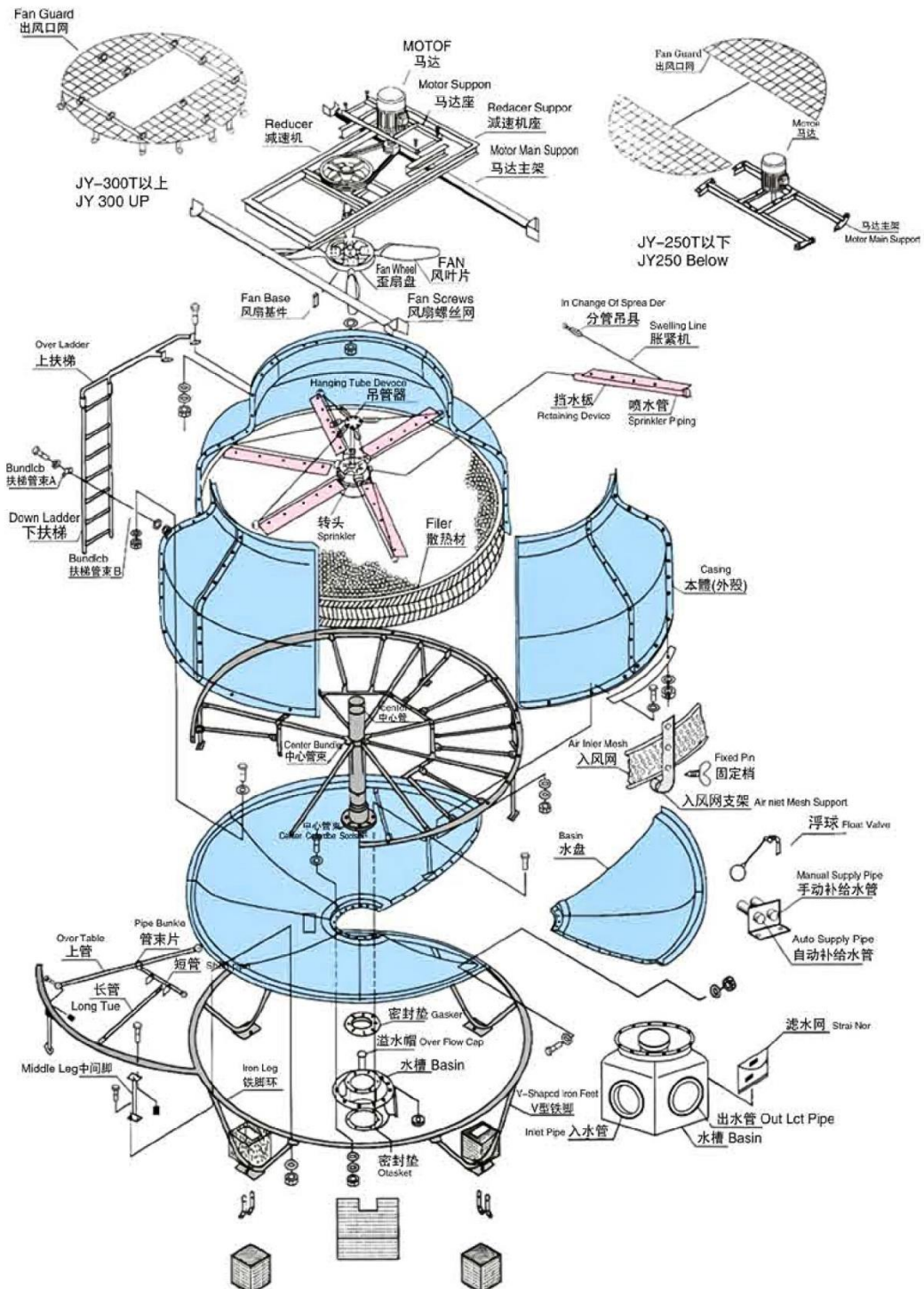
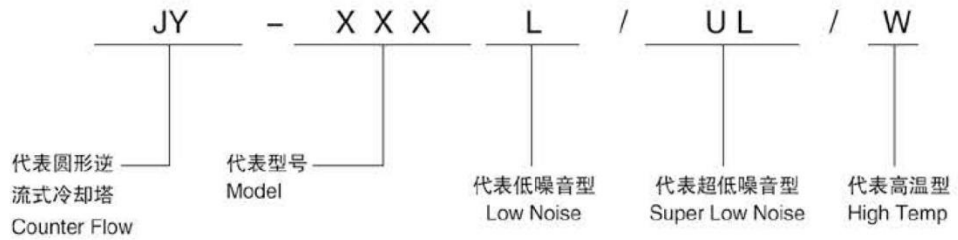
JY 圆形冷却塔

JY ROUND COOLING TOWER



型号说明

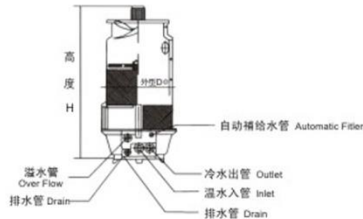
Model description



注:由于本公司不断提高水塔技术及其质量,如本说明书内资料日后任何更改,恕不另行通告,本公司对此拥有最终解释权。
Note: As LIANG JI continuous update cooling tower technology and quality, if any change of this catalog without notice. The company has the final right of interpretation.

JY系列标准型性能参数表

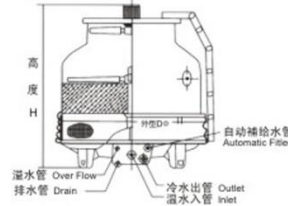
JY Series Standard Type Specification



JY-10-20



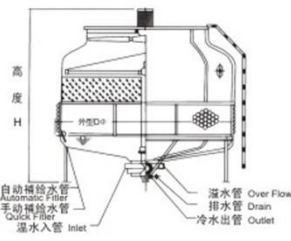
JY-25-40



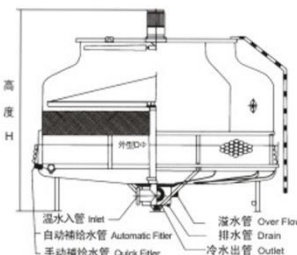
JY-50-200

设计工况

进水温度 $T_1=37^{\circ}\text{C}$
 出水温度 $T_2=32^{\circ}\text{C}$
 湿球温度 $T_{WB}=27^{\circ}\text{C}$
 干球温度 $T=31.8^{\circ}\text{C}$
 大气压力 $P=9.94\times 10^4\text{Pa}$



JY-250



JY-300-400



JY-500-1000

DESIGN DATA

Hot water temp 37°C
 Cold water temp 32°C
 Wet bulb temp 27°C
 Dry bulb temp 31.8°C
 Atmosphere pressure $9.94\times 10^4\text{Pa}$

型号 MODEL	循环水量(m ³ /h) FLOW RATE		外形尺寸 OVERALL DIMENSION		送风装置 FAN ASSEMBLY		配管尺寸 PIPING SIZE					噪音 (dB) NOISE
	WB28 $^{\circ}\text{C}$	WB27 $^{\circ}\text{C}$	高度 H	外径 D	马达 (HP) MOTOR	风扇 FAN	温水入管 INLET	冷水出管 OUTLET	排水管 DR	溢水管 OF	补给水管 FV	
	TWB28 $^{\circ}\text{C}$	TWB27 $^{\circ}\text{C}$										
JY-10	7.2	8.5	1740	1060	1/4	670	40	40	25	25	15	50.0
JY-15	10.8	12	1960	1060	1/4	670	40	40	25	25	15	52.0
JY-20	14.4	17	2000	1200	1/4	670	50	50	25	25	15	53.0
JY-25	18.5	20	2290	1430	1/2	770	80	80	25	25	15	53.0
JY-30	21.6	24	2290	1430	3/4	770	80	80	25	25	15	55.0
JY-40	28.8	32	2360	1620	1	770	80	80	25	25	15	56.0
JY-50	36	40	2595	1810	2	970	80	80	25	25	15	57.0
JY-60	43.2	48	2595	2000	2	970	80	80	25	25	15	58.0
JY-80	57.6	64	2690	2180	2	1170	100	100	25	25	25	59.0
JY-100	72	80	2790	2180	2	1170	100	100	40	25	25	60.0
JY-125	90	100	2875	2750	3	1470	100	100	40	25	25	61.0
JY-150	108	120	2950	3070	3	1470	125	125	50	25	25	61.0
JY-175	126	140	3200	3300	5	1750	125	125	50	50	25	62.0
JY-200	144	160	3300	3300	5	1750	125	125	50	50	25	62.0
JY-250	180	200	3600	3770	5	1750	150	150	50	50	40	63.0
JY-300	216	240	3960	3770	7.5	2400	200	200	50	50	40	63.0
JY-350	252	280	4150	4790	10	2400	200	200	50	50	40	63.5
JY-400	288	320	4150	4790	10	2400	200	200	50	50	40	63.5
JY-500	360	400	5200	5480	15	3000	250	250	80	80	40	65.0
JY-600	432	480	5200	6100	15	3400	250	250	80	80	40	66.0
JY-700	504	560	5770	6600	20	3400	250	250	80	80	40	68.0
JY-800	576	640	5820	6600	20	3400	250	250	80	80	40	69.0
JY-1000	720	800	5920	7600	30	3600	300	300	80	80	40	69.0

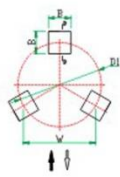
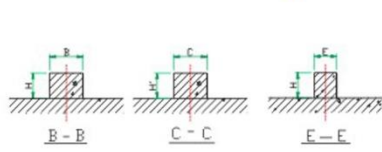
JY 圆形冷却塔

JY ROUND COOLING TOWER

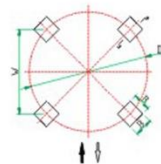


JY系列标准型基础尺寸

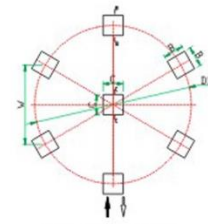
JY Series Standard Type Foundatoin



JY-10-30

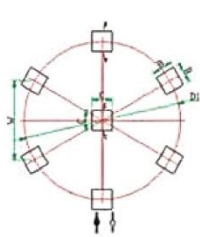


JY-40-60

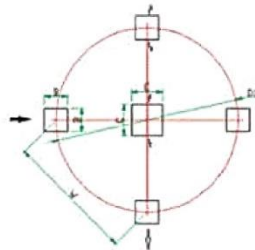


JY-80-100

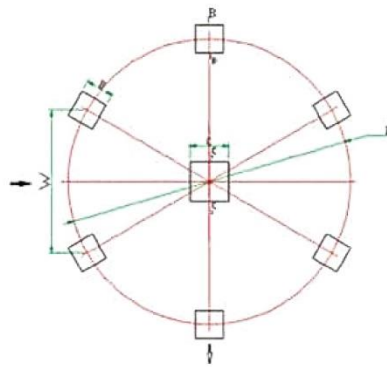
→ 代表进水
Means Water Inlet
← 代表出水
Means Water Outlet



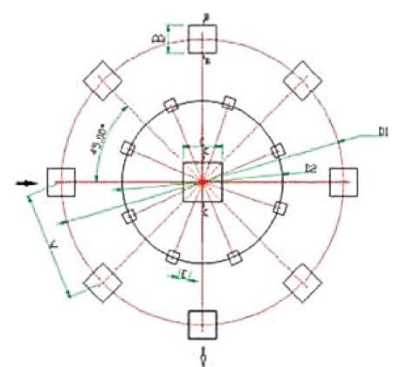
JY-125-200



JY-250-400



JY-500-600

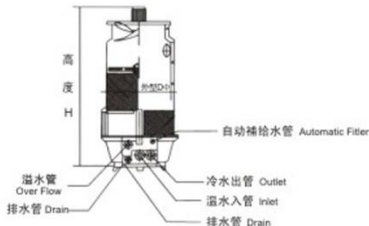


JY-700-1000

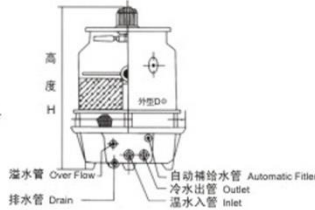
型号 MODEL	重量(KG) WEIGHT		基础尺寸(MM) FOUNDATION DIMENSION								扬程 (M) PUMP HEAD
	净重 DRY	运行量 WET	D1	D2	W	B	C	E	H	H'	
JY-10	65	190	710	-	615	200	-	-	150	-	2
JY-15	75	250	710	-	615	200	-	-	150	-	2
JY-20	83	390	855	-	740	200	-	-	150	-	2
JY-25	125	490	1040	-	901	200	-	-	150	-	2
JY-30	140	510	1040	-	901	200	-	-	150	-	2
JY-40	155	590	1245	-	880	200	-	-	150	-	2.3
JY-50	235	630	1400	-	990	250	-	-	200	-	2.3
JY-60	302	690	1600	-	1131	250	-	-	200	-	2.3
JY-80	384	1160	1620	-	1145	250	300	-	200	300	2.3
JY-100	441	1220	1620	-	1145	250	300	-	200	300	2.3
JY-125	535	1390	2330	-	1165	300	300	-	300	350	2.8
JY-150	594	1720	2610	-	1305	300	300	-	300	350	3
JY-175	625	2605	2815	-	1408	300	400	-	300	340	3
JY-200	713	2676	2815	-	1408	300	400	-	300	340	3.2
JY-250	870	3460	3354	-	2372	300	500	-	300	300	3.2
JY-300	1030	3570	3354	-	2372	300	500	-	300	300	3.6
JY-350	1283	4543	4600	-	3253	300	500	-	300	420	3.6
JY-400	1362	4620	4600	-	3253	300	500	-	300	420	4
JY-500	2171	6811	5500	-	2750	500	700	-	300	300	4
JY-600	2428	7068	5960	-	2980	500	700	-	300	300	4
JY-700	3364	10774	6480	3900	2488	500	1100	300	300	300	5
JY-800	3567	10967	6480	3900	2488	500	1100	300	300	300	5.5
JY-1000	4380	11980	7500	4155	2870	500	1100	300	300	300	6

JY-L系列标准型性能参数表

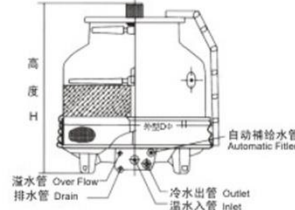
JY-L Low Noise Series Standard Type Specification



JY-L-10-20



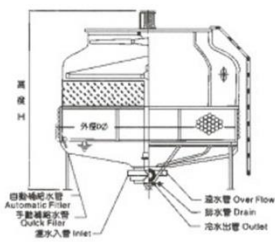
JY-L-25-40



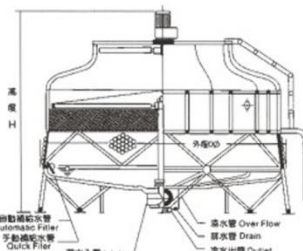
JY-L-50-200

设计工况

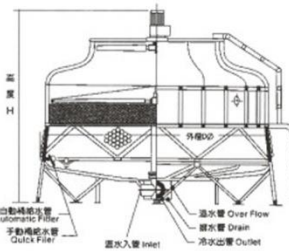
进水温度 $T_1=37^{\circ}\text{C}$
 出水温度 $T_2=32^{\circ}\text{C}$
 湿球温度 $T_{WB}=27^{\circ}\text{C}$
 干球温度 $T=31.8^{\circ}\text{C}$
 大气压力 $P=9.94\times 10^4\text{Pa}$



JY-L-250



JY-L-300-400



JY-L-500-1000

DESIGN DATA

Hot water temp 37°C
 Cold water temp 32°C
 Wet bulb temp 27°C
 Dry bulb temp 31.8°C
 Atmosphere pressure $9.94\times 10^4\text{Pa}$

型号 MODEL	循环水量(m ³ /h) FLOW RATE		外形尺寸 OVERALL DIMENSION		送风装置 FAN ASSEMBLY		配管尺寸 PIPING SIZE					噪音 (DB) NOISE
	WB28 ^{°C}	WB27 ^{°C}	高度 H	外径 D	马达 (HP) MOTOR	风扇 FAN	温水入管 INLET	冷水出管 OUTLET	排水管 DR	溢水管 OF	补给水管 FV	
	T _{WB} 28 ^{°C}	T _{WB} 27 ^{°C}										
JY-10L	7.2	8.5	1740	1060	1/4	670	40	40	25	25	15	42.0
JY-15L	10.8	12	1960	1060	1/4	670	40	40	25	25	15	42.5
JY-20L	14.4	17	2000	1200	1/4	670	50	50	25	25	15	43.5
JY-25L	18.5	20	2290	1430	1/2	770	80	80	25	25	15	45.0
JY-30L	21.6	24	2290	1430	3/4	770	80	80	25	25	15	47.0
JY-40L	28.8	32	2360	1620	1	770	80	80	25	25	15	47.5
JY-50L	36	40	2595	1810	2	970	80	80	25	25	15	48.0
JY-60L	43.2	48	2595	2000	2	970	80	80	25	25	15	49.0
JY-80L	57.6	64	2690	2180	2	1170	100	100	25	25	25	52.0
JY-100L	72	80	2790	2180	2	1170	100	100	40	25	25	53.0
JY-125L	90	100	2875	2750	3	1470	100	100	40	25	25	54.5
JY-150L	108	120	2950	3070	3	1470	125	125	50	25	25	56.0
JY-175L	126	140	3200	3300	5	1750	125	125	50	50	25	56.5
JY-200L	144	160	3300	3300	5	1750	125	125	50	50	25	57.0
JY-250L	180	200	3600	3770	5	1750	150	150	50	50	40	57.5
JY-300L	216	240	3960	3770	7.5	2400	200	200	50	50	40	58.0
JY-350L	252	280	4150	4790	10	2400	200	200	50	50	40	58.0
JY-400L	288	320	4150	4790	10	2400	200	200	50	50	40	58.5
JY-500L	360	400	5200	5480	15	3000	250	250	80	80	40	59.0
JY-600L	432	480	5200	6100	15	3400	250	250	80	80	40	59.5
JY-700L	504	560	5770	6600	20	3400	250	250	80	80	40	59.5
JY-800L	576	640	5820	6600	20	3400	250	250	80	80	40	61.0
JY-1000L	720	800	5920	7600	30	3600	300	300	80	80	40	62.0

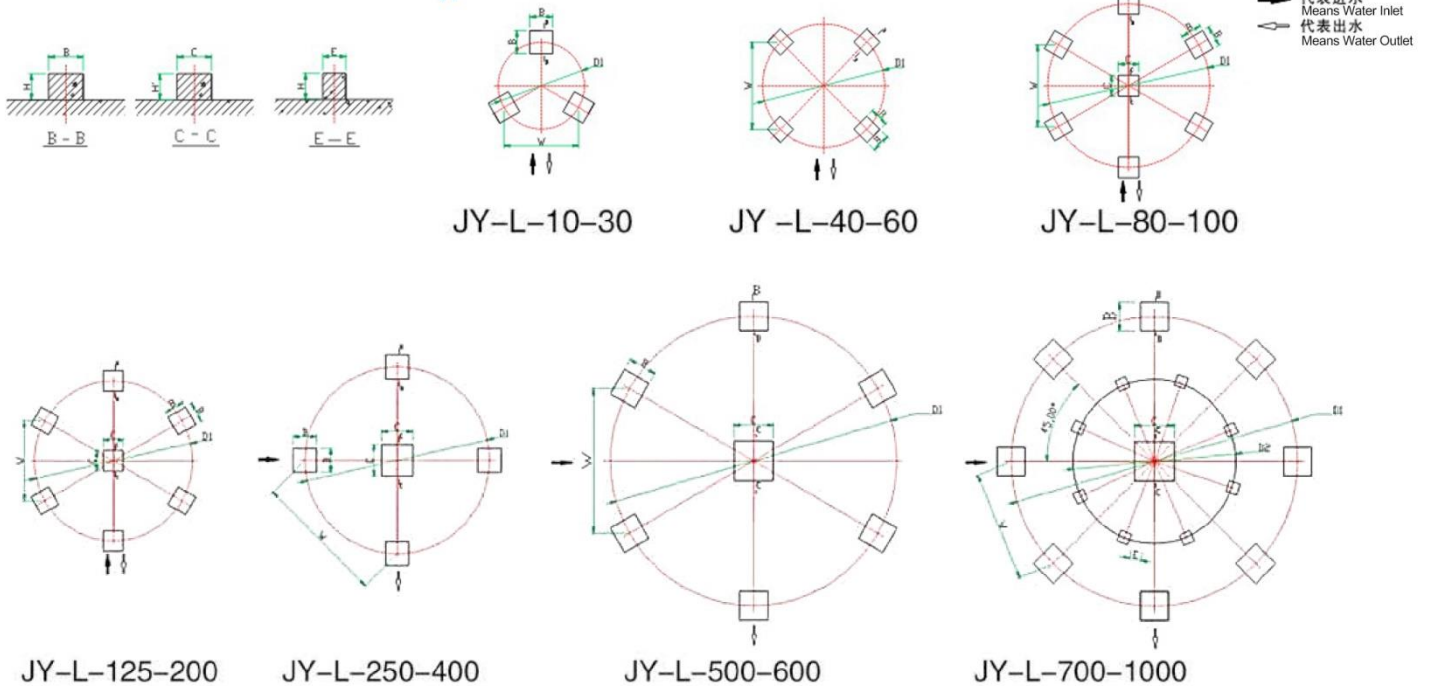
JY 圆形冷却塔

JY ROUND COOLING TOWER



JY-L系列标准型基础尺寸

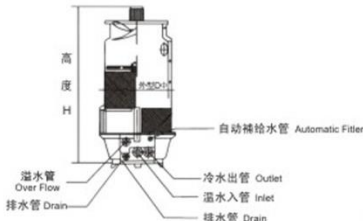
JY-L Low Noise Series Standard Type Foundation



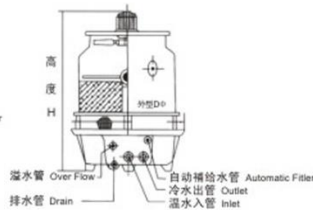
型号 MODEL	重量(KG) WEIGHT		基础尺寸(MM) FOUNDATION DIMENSION								扬程 (M) PUMP HEAD
	净重 DRY	运行量 WET	D1	D2	W	B	C	E	H	H'	
JY-10L	72	197	710	-	615	200	-	-	150	-	2
JY-15L	78	255	710	-	615	200	-	-	150	-	2
JY-20L	85	393	855	-	740	200	-	-	150	-	2
JY-25L	123	504	1040	-	901	200	-	-	150	-	2
JY-30L	142	527	1040	-	901	200	-	-	150	-	2
JY-40L	161	618	1245	-	880	200	-	-	150	-	2.3
JY-50L	282	677	1400	-	990	250	-	-	200	-	2.3
JY-60L	315	705	1600	-	1131	250	-	-	200	-	2.3
JY-80L	401	1177	1620	-	1145	250	300	-	200	300	2.3
JY-100L	458	1237	1620	-	1145	250	300	-	200	300	2.3
JY-125L	547	1402	2330	-	1165	300	300	-	300	350	2.8
JY-150L	618	1742	2610	-	1305	300	300	-	300	350	3
JY-175L	661	2641	2815	-	1408	300	400	-	300	340	3
JY-200L	749	2712	2815	-	1408	300	400	-	300	340	3.2
JY-250L	978	3518	3354	-	2372	300	500	-	300	300	3.2
JY-300L	1105	3650	3354	-	2372	300	500	-	300	300	3.6
JY-350L	1380	4639	4600	-	3253	300	500	-	300	420	3.6
JY-400L	1462	4719	4600	-	3253	300	500	-	300	420	4
JY-500L	2302	6942	5500	-	2750	500	700	-	300	300	4
JY-600L	2578	7216	5960	-	2980	500	700	-	300	300	4
JY-700L	3604	11014	6480	3900	2488	500	1100	300	300	300	5
JY-800L	3807	11024	6480	3900	2488	500	1100	300	300	300	5.5
JY-1000L	4680	12270	7500	4155	2870	500	1100	300	300	300	6

JY-UL系列标准型性能参数表

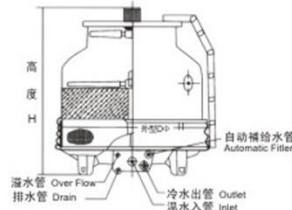
JY-UL ULTRA LOW Noise Series Standard Type Specification



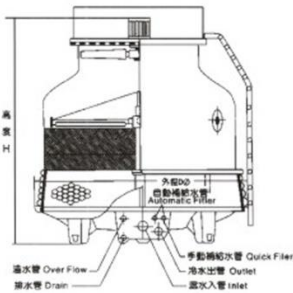
JY-UL-10-20



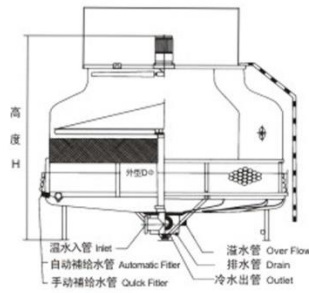
JY-UL-25-30



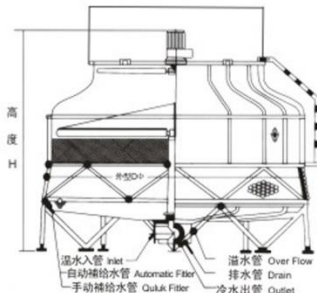
JY-UL-40-125



JY-UL-150-175



JY-UL-200-350



JY-UL-400-1250

设计工况

进水温度 $T_1=37^\circ\text{C}$
 出水温度 $T_2=32^\circ\text{C}$
 湿球温度 $T_{WB}=27^\circ\text{C}$
 干球温度 $T=31.8^\circ\text{C}$
 大气压力 $P=9.94\times 10^4\text{Pa}$

DESIGN DATA

Hot water temp 37°C
 Cold water temp 32°C
 Wet bulb temp 27°C
 Dry bulb temp 31.8°C
 Atmosphere pressure $9.94\times 10^4\text{Pa}$

型号 MODEL	循环水量(m ³ /h) FLOW RATE		外形尺寸 OVERALL DIMENSION		送风装置 FAN ASSEMBLY		配管尺寸 PIPING SIZE					噪音 (DB) NOISE
	WB28 $^\circ\text{C}$	WB27 $^\circ\text{C}$	高度 H	外径 D	马达 (HP) MOTOR	风扇 FAN	温水入管 INLET	冷水出管 OUTLET	排水管 DR	溢水管 OF	补给水管 FV	
	Twb28 $^\circ\text{C}$	Twb27 $^\circ\text{C}$										
JY-10UL	7.2	8.5	2340	1060	1/4	670	40	40	25	25	15	40.0
JY-15UL	10.8	12	2560	1060	1/4	670	40	40	25	25	15	40.5
JY-20UL	14.4	17	2600	1200	1/4	670	50	50	25	25	15	41.5
JY-25UL	18.5	20	2890	1430	1/2	770	80	80	25	25	15	43.5
JY-30UL	21.6	24	2890	1430	3/4	770	80	80	25	25	15	44.0
JY-40UL	28.8	32	2960	1620	1	770	80	80	25	25	15	45.0
JY-50UL	36	40	3195	1810	2	970	80	80	25	25	15	46.0
JY-60UL	43.2	48	3195	2000	2	970	80	80	25	25	15	46.5
JY-80UL	57.6	64	3390	2180	2	1170	100	100	25	25	25	48.0
JY-100UL	72	80	3490	2180	2	1170	100	100	40	25	25	48.0
JY-125UL	90	100	3575	2750	3	1470	100	100	40	25	25	48.5
JY-150UL	108	120	3650	3070	3	1470	125	125	50	25	25	49.0
JY-175UL	126	140	4050	3300	5	1750	125	125	50	50	25	50.0
JY_200UL	144	160	4150	3300	5	1750	125	125	50	50	25	50.5
JY-250UL	180	200	4450	3770	7.5	1750	150	150	50	50	40	52.5
JY-300UL	216	240	4810	3770	7.5	2400	200	200	50	50	40	53.0
JY-350UL	252	280	5000	4790	10	2400	200	200	50	50	40	53.0
JY-400UL	288	320	5000	4790	10	2400	200	200	50	50	40	53.5
JY-500UL	360	400	6200	5480	15	3000	250	250	80	80	40	54.0
JY-600UL	432	480	6260	5580	15	3000	250	250	80	80	40	54.0
JY-700UL	504	560	6770	6600	20	3400	250	250	80	80	40	55.5
JY-800UL	576	640	6820	6600	20	3400	250	250	80	80	40	56.5
JY-1000UL	720	800	6920	7600	30	3600	300	300	80	80	40	58.0

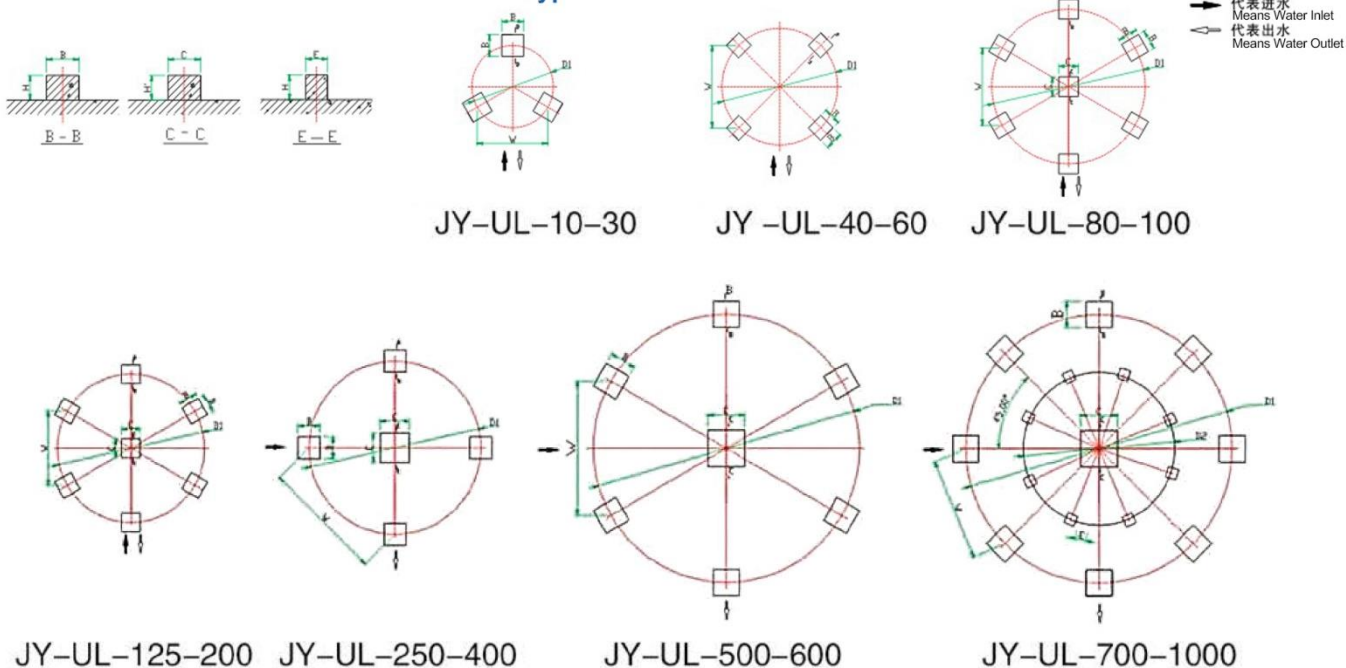
JY 圆形冷却塔

JY ROUND COOLING TOWER



JY-UL系列标准型基础尺寸

JY-UL ULTRA LOW Noise Series Standard Type Foundatoin



型号 MODEL	重量(KG) WEIGHT		基础尺寸(MM) FOUNDATION DIMENSION								扬程 (M) PUMP HEAD
	净重 DRY	运行量 WET	D1	D2	W	B	C	E	H	H'	
JY-10UL	75	255	710	-	615	200	-	-	150	-	2
JY-15UL	86	266	710	-	615	200	-	-	150	-	2
JY-20UL	96	413	855	-	740	200	-	-	150	-	2
JY-25UL	136	525	1040	-	901	200	-	-	150	-	2
JY-30UL	151	580	1040	-	901	200	-	-	150	-	2
JY-40UL	220	620	1245	-	880	200	-	-	150	-	2.3
JY-50UL	302	690	1400	-	990	250	-	-	200	-	2.3
JY-60UL	327	715	1600	-	1131	250	-	-	200	-	2.3
JY-80UL	441	1220	1620	-	1145	250	300	-	200	300	2.3
JY-100UL	535	1390	1620	-	1145	250	300	-	200	300	2.3
JY-125UL	594	1720	2330	-	1165	300	300	-	300	350	2.8
JY-150UL	730	3000	2610	-	1305	300	300	-	300	350	3
JY-175UL	780	3300	2815	-	1408	300	400	-	300	340	3
JY-200UL	885	3475	2815	-	1408	300	400	-	300	340	3.2
JY-250UL	1680	4228	3354	-	2372	300	500	-	300	300	3.2
JY-300UL	1766	5028	3354	-	2372	300	500	-	300	300	3.6
JY-350UL	1936	5218	4600	-	3253	300	500	-	300	420	3.6
JY-400UL	2377	7026	4600	-	3253	300	500	-	300	420	4
JY-500UL	2507	7156	5500	-	2750	500	700	-	300	300	4
JY-600UL	3180	10566	5500	-	2750	500	700	-	300	300	4
JY-700UL	3766	11166	6480	3900	2488	500	1100	300	300	300	5
JY-800UL	4700	12300	6480	3900	2488	500	1100	300	300	300	5.5
JY-1000UL	5500	13300	7500	4155	2870	500	1100	300	300	300	6

| 设计特点

良基JY-W型高温冷却塔,系专为回收超过60℃至95℃高温之工业用冷却系统之回水(出水)可再成为冷却水而设计,该型号冷却塔,散热材采用特殊成形之P.P.高级塑胶料,可抗耐高温且冷却效率特佳,全部组件精心设计制造,结构轻盈,装用容易,省电高效,坚固耐用,维修简便,为最佳之高温型工业用冷却塔。

JY-W外观尺寸及标准规格,基础及尺寸请参考JY标准型。JY-W高温型水塔里面用料、配件、均为有别于普通冷却塔之特殊功能配件,配合要求可指定选用。

特殊配件:配合要求可指定选用

- 1、传动装置: ◆ 皮带式减速机 ◆ 齿轮式减速机
- 2、自动喷头: ◆ 铝合金材 ◆ 不锈钢材
- 3、中心喉管: ◆ 热浸镀锌铁件 ◆ 不锈钢材
- 4、喷水喉管: ◆ 热浸镀锌铁件 ◆ 不锈钢材
- 5、结构组件: ◆ 热浸镀锌铁件 ◆ 不锈钢材
- 6、散热材: ◆ P.P.材
- 7、静音风扇: ◆ 铝合金材
- 8、传动马达: ◆ 全密闭式
- 9、本体水箱: ◆ 玻璃纤维强化塑胶(FRP)材

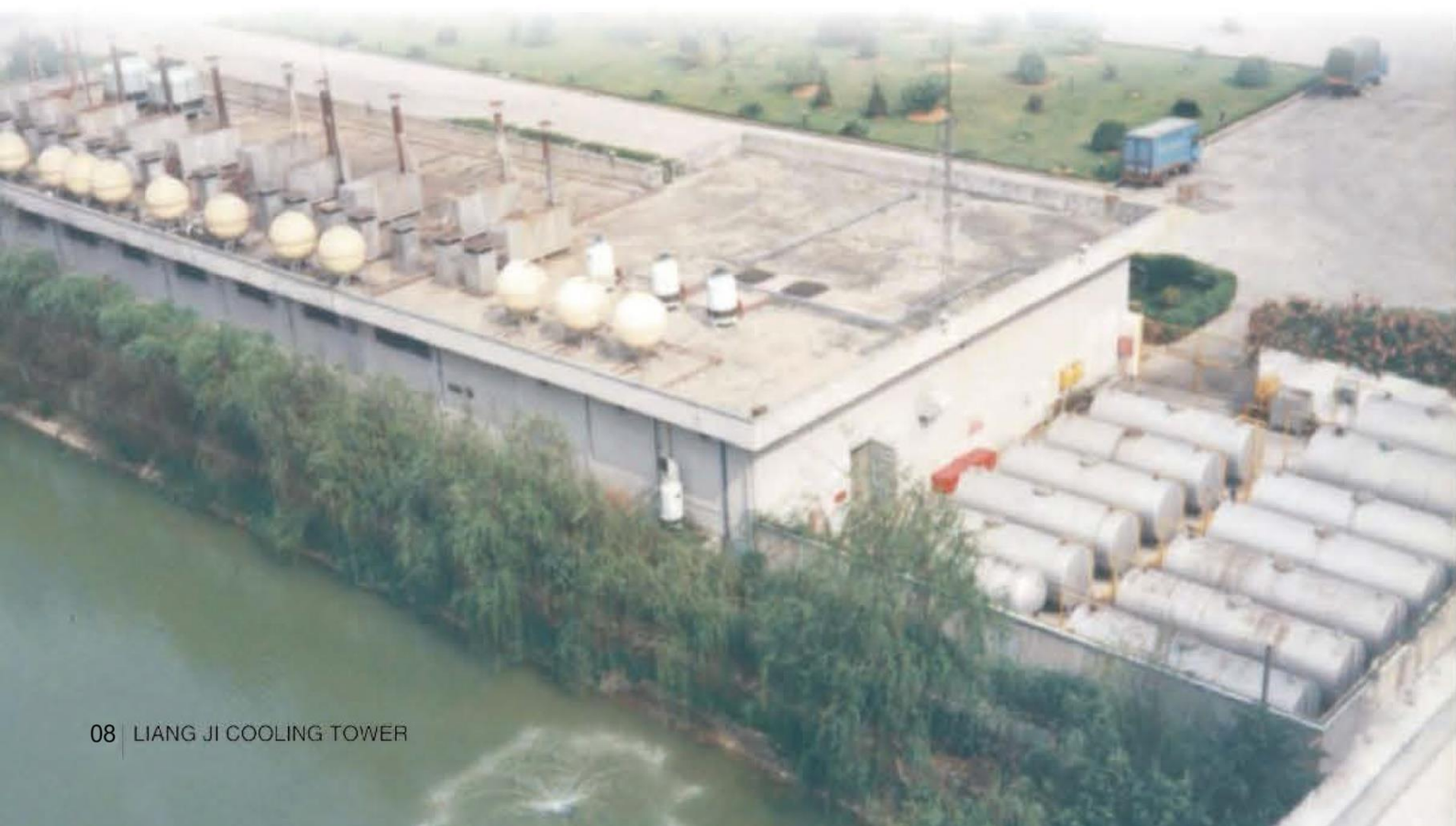
| DESIGN FEATURES

LIANG JI JY-W-type high-temperature cooling tower, the Department for recovery of over 60°C to 95°C temperature of the cooling system of industrial backwater (water) can no longer be designed for cooling water, the type cooling towers, cooling material with special shape. The PP high-grade plastic materials, anti-high temperature and cooling efficiency can be particularly good, all carefully designed and manufactured components, structure, light, loaded with easy, energy saving and efficient, durable, maintenance is simple. to the best in high temperature type of industrial cooling tower.

JY-W form factor and standard specifications, basic and dimensions please refer to JY standard. JY-W High-temperature materials used inside the towers, spare parts, are different from the normal cooling tower of the special features accessories to meet the requirements can nominate.

Special accessories: with the request to nominate

- 1、transmission: ◆ Belt-type reducer
◆ gear reducer
- 2、automatic nozzle: ◆ Aluminum Shee
◆ stainless steel
- 3、the center pipe: ◆ Hot-dip galvanized iron
◆ stainless steel
- 4、Water pipes: ◆ hot-dip galvanized iron
◆ stainless steel
- 5、structural components: ◆ hot-dip galvanized iron
◆ stainless steel
- 6、thermal materials: ◆ PP material
- 7、Silent Fan: ◆ Aluminum alloy material
- 8、the drive motor: ◆ fill-closed type
- 9、body of water Min: ◆ glass fiber reinforced plastic (FRP) materials



JY 圆形冷却塔

JY ROUND COOLING TOWER



1	<p>贴合前准备FITTING PREPARATION</p> <p>a) 贴合处必须保持无灰尘及不潮湿。 b) 树脂与硬化剂的调和: 每次调和量1公斤最合适, 不要超过2公斤, 用完再调用, 比例为1公斤树脂, 用10cc硬化剂。</p> <p>a) laminating Department must remain free of dust and not humid. b) reconciliation of resin and hardener: Reconcile the amount of 1 kg each time the most suitable and not more than two kilograms, used up and then call a ratio of 1 kg of resin and hardener with the 10cc.</p>
2	<p>贴合方法: LAMINATION METHOD:</p> <p>a) 先用毛刷涂调合好的树脂, 后贴玻璃纤维布, 再涂上树脂, 重复二至三次。 a) first, with a good blending brush painted resin, glass fiber cloth after the paste, then coated with resin, and repeat two to three.</p>
3	<p>注意事项: NOTE:</p> <p>a) 贴合处需6小时后才能使用, 不可施压力及踩踏。 b) 玻璃纤维使用前不可潮湿, 如潮湿必须烘干后才可使用。 a) laminating office is required to 6 hours before use, can not exert pressure on and trampled. b) glass fiber can not be wet before use, such as wet must be dried before use.</p>

JY		10-20	25-30	40	50-60	80-125	150-250	300-1000	
1	减速机 REDUCER							皮带减速方式 Belt reduction mode	
2	本体 CASING	玻璃纤维增强塑胶(FRP) Glass fiber reinforced plastic(FRP)							
3	散热片 FILLER	PVC塑料 / PP塑料(适用于高温) PVC Plastic / PP plastic(for high water temperature)							
4	散热片支持架 FILLER SUPPORT	塑料Plastic 热浸镀锌钢 / 不锈钢★ Hot-dip galvanized steel / stainless steel ★							
5	中间脚 MIDDLE LEG	塑料Plastic			热浸镀锌钢 / 不锈钢★ Hot-dip galvanized steel / stainless steel ★				
6	入风口网 AIR INLET MESH	PVC塑料 PVC Plastic							
7	水盘 BASIN	玻璃纤维增强塑胶(FRP) Glass fiber reinforced plastic(FRP)							
8	底盘脚 TOWER SUPPORT	玻璃纤维增强塑胶(FRP) Glass fiber reinforced plastic(FRP) 热浸镀锌钢 / 不锈钢★ Hot-dip galvanized steel / stainless steel ★							
9	马达 MOTOR	TEFC全封闭式380V / 3Φ / 50Hz TEFC totally enclosed 380V / 3Φ / 50Hz							
10	出风口网 AIR OUTLET MESH				热浸镀锌钢 / 不锈钢★ Hot-dip galvanized steel / stainless steel ★				
11	风扇 FAN	高级塑料固定叶片 Advanced Plastic Fixed Blades			铝合金 aluminium alloy				
12	马达架 MOTOR SUPPORT	热浸镀锌钢 / 不锈钢★ Hot-dip galvanized steel / stainless steel ★							
13	分管吊具 IN CHARGE OF SPREADER						塑胶 / 热浸镀锌钢连钢线 Plastic / Hot-dip galvanized steel with steel wire		
14	喷水管 SPRINKLER PIPING	高级PVC塑料 Advanced PVC Plastic							
15	喷头 SPRINKLERS	高级塑料 / 铝合金 Advanced Plastic / aluminium alloy					铝合金 aluminium alloy		
16	中心管 CENTER PIPE	高级PVC塑料 Advanced PVC Plastic						热浸镀锌钢 Hot-dip galvanized steel	
17	挡水器 RETAINING DEVICE	玻璃纤维增强塑胶(FRP) Glass fiber reinforced plastic(FRP)							
18	浮球阀 FLOAT VALVE	高级PVC塑料 / 铝合金 Advanced PVC Plastic / aluminium alloy							
19	补给水管 SUPPLY PIPE	热浸镀锌钢 Hot-dip galvanized steel							
20	扶梯 LADDER						热浸镀锌钢 Hot-dip galvanized steel		

水塔安装简单程序：案例型号JY-250及底盘施工要领

Cooling tower simple installation process: Case Model JY-250 and basin construction key points

1	<p>预选适当安装场地 PRE-SELECTION FOR PROPER INSTALLATION SITE 安装水塔位置注意其负重和通风条件 Location of installation of cooling towers and ventilation conditions of attention to their weight-bearing</p>
2	<p>预造水泥基础,及安装水塔支持架 PRE-MADE CEMENT FOUNDATION. AND INSTALLATION OF TOWER SUPPORT FRAME 可依照说明书建议,预造混凝土或钢铁架之地基,然后将水塔的底盆支持架以环形组装成圆框状,水平必须划一,注意JY-80以上型号中间位置之中央基础不能忽略 May be proposed in accordance with instructions, pre-made foundation of concrete or steel frame, and then at the end of basin water tower support frame assembled into a round box, a ring-like levels must be uniform. pay attention to JY-80 and above the middle of the central base model can not be ignored.</p>
3	<p>安装水塔水槽及底盆 INSTALL A COOLING TOWER BASIN SINK, AND AT THE END OF 将水槽安置中央基础上,水盆外围承于底框上,水盆内围承于水槽法兰面上固定。 A central settlement on the basis of the sink, basin peripheral bearing on the bottom frame, the inner circle bearing basin in the sink flange surface fixed.</p>
4	<p>安装中心管,中心管束及围身支持架 INSTALL CENTRAL TUBE, THE CENTER BODY SUPPORT FRAME BUNDLE AND THE WAI 中心管要垂直安装在水槽喉口上,然后装上中心管束,再加装围身支架。 Central tube to be vertically installed in the tank song throat, and then loaded onto center's control, coupled with the body mounted bracket Wai.</p>
5	<p>安装散热片支架于中心管束连接,但必须保证水平垂直。查证各件串好,可将所有螺丝收紧,然后放进组合散热胶片。 Install heat sink bracket tubes connected at the center, but it must ensure that horizontal and vertical. The various pieces of string to check, and can be tightened all the screws, and then into the combination of film cooling. 注:如需踏在架上安装其他设备,请先以木板暂垫在散热片支架上。 Note: For riding in the rack installation of other equipment, please temporarily mat in a wooden bracket on the heat sink.</p>
6	<p>安装外壳围身及爬梯 INSTALL SHELL WAI BODY AND LADDERS 将外壳围身放置在围身支架上,然后环绕着散热片组及收紧螺丝,再装上预早指定位置之爬梯。 Who are placed in the shell Wai Wai body bracket. and then around the heat sink assembly and tighten the screw, and then fitted with the specified location in advance of the ladder.</p>
7	<p>安装喷头,吊管用具及喷水管 INSTALLATION OF SPRINKLERS, APPLIANCES, AND SPRINKLER PIPES HANGING TUBE 把喷头装在中心喉管顶端,然后将吊管用具套在喷头上,在将喷水管横推进喷头内,利用准备吊管钢线作拉力控制,直至喷水管成水平位置,喷水孔要与垂直线成10度向安装。(在运行时,按需求而作最后调校角度,请参阅我公司建议之转速) The nozzle installed in the center pipe to the top, and then hanging tube gear sets in the nozzle, in the water spray nozzle within the pipe cross-promote the use of preparations for hanging pipe steel wire for tension control until the spray tube into a horizontal position, blowhole with a vertical line into a 10 degrees to the installation. (At run-time, adjusted according to demand and to make the final point of view, please refer to the recommendations of the speed of my company)</p>
8	<p>安装马达、马达架及风扇 INSTALLATION OF MOTORS, MOTOR FRAME AND FANS 将马达架横装在外壳围身顶部,然后放进马达及减速机,再行配上风扇组合,最后加上风扇网。 注: 1、JY-40以下水塔要预先将马达、马达架连风扇组合才装上。 2、JY-300以上水塔风扇角度可按照需求风量而调校。 Mountea on the motor frame cross-Wai body shell top, and then into the motor and reducer, again accompanied by the fan mix, add the fan network Notes: 1. JY-40 on these towers will be a pre-motor, motor frame was fitted with the fan combination. 2. JY-300 and above tower fan angle can be adjusted in accordance with the volume of demand for air.</p>
9	<p>密封水盆及围身之间缝 SEAL SEAM BETWEEN THE BASIN AND THE WAI BODY 由于水塔属多重组合式,故在安装完毕后,需要以预备之纤维胶浆密封间缝。 As the water tower is a multi-modular, so the installation is completed, you need to prepare for the seam between the fiber slurry seal.</p>
10	<p>安装溢水器,浮球组合及滤水隔网 INSTALLATION OF OVERFLOW DEVICES. COMBINATIONS AND THE TREATMENT EVERY OTHER NET FLOAT 将溢水器,浮球组合及滤水隔网安放在预设地方,在喉牙接合处需包上喉胶布。 The overflow device, float across the water treatment network composition and placed in the default place, in the throat teeth need to pack on the throat junction tape.</p>
11	<p>安装入风网 INSTALLATION 1 NTO THE VENTILATION NETWORK 将入风网支架上端装在外壳围身底边,下端钩则装在底盆框上,然后将回风网装上,外加固定销固定好即可。 Will draft net income of the top bracket mounted on the body shell Wai bottom, the bottom hook is installed in the bottom basin frame, and then return air network installed, plus a fixed pin can be fixed well.</p>

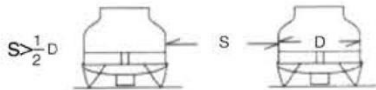
1、场地选择 SITE SELECTION

(1) 屋顶或空气畅流的地方，避免装于防火巷道，或是反射音量之高墙旁。

The roof or the air where smooth flow, avoiding installed in Fanghuo Xiang Tao, or the reflection of the wall next to the volume.

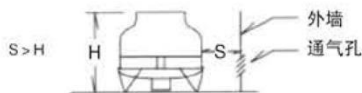
(2) 两台冷却塔一起并用最短距离，如附图。

The two cooling towers and used with the shortest distance, such as drawings.



(3) 冷却塔安装组力与外墙最短距离，如附图。

The installation of cooling tower and the exterior power of the minimum distance groups, such as drawings.



(4) 避免装于煤烟及灰尘多的地方。

To avoid soot and dust are installed in many places.

(5) 不适于装放在有腐蚀性气体产生的地方。

Not suitable for installation on the place where corrosive gases.

(6) 锅炉室、厨房等较热的地方应远离之。

Boiler room, kitchen and other places than the heat should stay away from the.

2、安装方向及放置要领

THE INSTALLATION DIRECTIONS AND PLACE THE ESSENTIALS

(1) 只要注意容易配管即可。

As long as the attention can be easy piping.

(2) 放置时应平放，不能倾斜，以免散水不均而影响冷却效果，如附图。

The place should be flat, not tilted so as to avoid the unequal impact of bulk water, cooling effects, such as drawings.

(3) 基础螺丝应拧紧。

Basic bolt screw should be tight.



3、配管 WITH TUBE

(1) 循环水出入水管之配管，向下为佳，避免突高之配管，且不能有高于下方水槽之配管，如附图。

Access to water pipes of circulating water piping, down is better to avoid the sudden high of piping, and can not be higher than the piping under the sink, such as drawings.



(2) 配管之大小应照塔底之接管尺寸装接。否则过小影响效果，过大则浪费材料。

The size of piping should be placed in the tower bottom of the receiver size of installed access. Otherwise too small to be affected, too much is a waste of material.

(3) 循环水泵应低于正常操作中下部水槽水位以下，如附图。

The circulating pump should be lower than the normal operation, the lower part of tank water level, such as drawings.



(4) 冷却塔两台以上并用，而只使用一台水泵时，水槽须另装一连通管，使两台并用之冷却塔之水位同高。如附图。

Two or more cooling towers and used, but only using a pump, the tank must also install a connecting pipe, so that two and use of the cooling tower with a high level. Such as drawings.



(5) 4英寸(10公分)以上之循环水出入口接管处，宜用防振软管(高压橡胶管等)，籍以防止塔身因管路之振动所引起之震动，又可避免因配管不正而使水盘破裂之损失。

4 inches (10 cm) or more entrances and exits to take over at the circulating water, it is appropriate vibration hose (high pressure rubber hose, etc.), membership in order to prevent the tower due to the vibration of piping caused by the shock, but also to avoid the piping rupture disk errors Ershii water loss.

4、其他事项

OTHER MATTERS

(1) 安装完毕时应检查有无工具或其他不要物置放塔内或排风扇口。

Should be installed to check for tools or other objects placed not to mouth the tower or the exhaust fan.

(2) 注意配管或水盘有无漏水。

Notewhether the piping or water tray leaking.

(3) 供水水源低于冷却塔时或水压不够供水时，须另装一台水泵或另装一较高之补给水箱，以供补充用水。

The source of water supply at or below the cooling tower water pressure is not enough water, they should also install a water pump or other equipment a higher supply water tanks for additional water.

Authorized Distributor for Bangladesh



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