

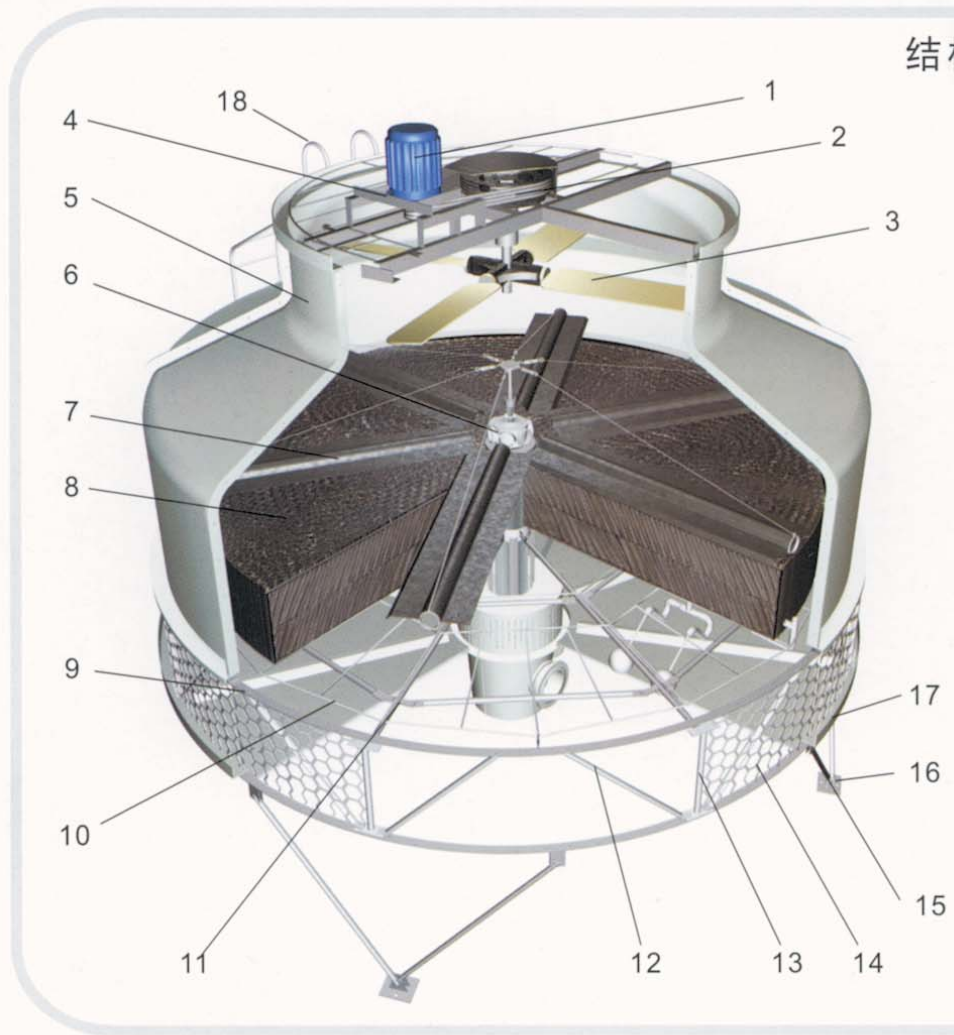
MKT

COUNTER FLOW TYPE COOLING TOWER





结构简图 Tower Structure



Structure & Features

- 1. 马达 (全封闭式) Motor (TEFC)
- 2. 减速器 V-Belt Reducer
- 3. 风机 Fan
- 4. 马达架 Motor Support
- 5. 风筒 Fan Stack (FRP)
- 6. 转头 Sprinkler Head
- 7. 播水系统 Sprinkler System
- 8. 胶片 In-fill
- 9. 铁框 Frame
- 10. 胶片网 Infill Mesh
- 11. 胶片架 Infill Support
- 12. 入风斜柱 Air Inlet Slant Post
- 13. 入风支柱 Air Inlet Post
- 14. 入风网 Air Inlet Mesh
- 15. 脚支柱 Tower Stand Support
- 16. 脚座 Tower Support Plate
- 17. 底盆 Basin (FRP)
- 18. 梯 Ladder

1. **高效率, 低能耗** 冷却水塔采用的胶片,其特殊结构提供更大的散热面积,使冷却入水获得更高的散热效能。同时风扇采用大直径、低转速、高效率轴流式风扇,更能降低马达的耗电量。
2. **低噪声** 明新冷却塔除在结构上采取了消声、隔声等技术措施外,还通过采用低噪声和超低噪声轴流风扇,使设备在保证风量的情况下,最大限度地降低噪声。
3. **寿命长** 明新圆形系列冷却水塔均采用高品质的材料及配件,以使设备寿命延长,经久耐用。
 - a. 明新冷却塔采用的材料如玻璃纤维外壳及散热胶片,均经特别选用,以达到防腐蚀、防化学物侵蚀、抗紫外光之效果。
 - b. 所有金属结构材料均采用厚身的钢材并作热浸镀锌处理,极大的提高了冷却塔的使用寿命。
 - c. 布水系统采用优质工程塑料转头或铜合金转头,并配以进口轴承,使用寿命更长久。
4. **性能可靠** 明新圆形系列冷却塔以国标7190-97和CTI-ATC105为设计标准,水塔效率有充分保证,使设备在恶劣气候环境下,仍能保证其冷却性能。

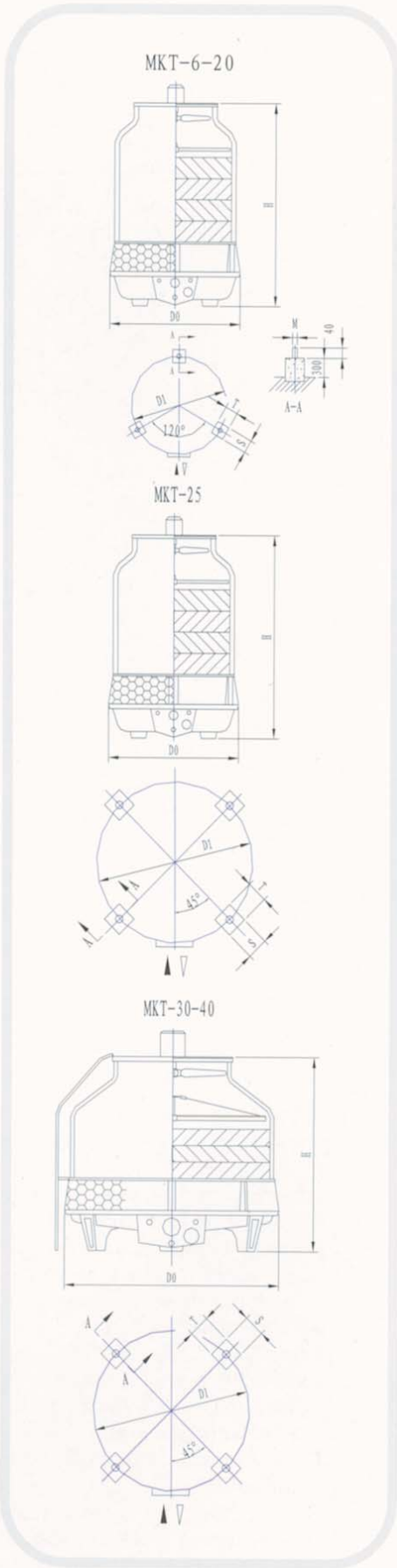
1. **High Efficiency, Energy Saving** The fill is special design structure that maximize the air-water surface contact area to ensure high efficiency of heat exchange while minimizing power requirement. The axial flow fan is selected for maximum performance with minimum energy consumption.
2. **Low Noise** The application of noise elimination and insulation technique in the cooling tower structure, Low Noise Axial Fan and Super Low Noise Fan also further reduce the cooling tower noise level and maintain sufficient air flow rate.
3. **Long Life** Mesan Cooling Tower are supplied with the following high quality material and components to extend the equipment life.
 - A. Mesan Cooling Tower FRP casing and infill are developed specially, offers a superior quality fiberglass reinforced polyester, resistant to chemical, corrosion, ultraviolet radiation.
 - B. All the steel components with corrosion protection in hot dip galvanized process, thus achieved a longer tower life.
 - C. PVC/ copper alloy material are used in sprinkler head with imported bearing to extend the cooling tower life.
4. **Reliable Operation** Mesan Cooling Towers are based on our China national standard GB7190-1997 and CTI-ATC105 to design, assure the efficiency of the cooling tower and also can guarantee its cooling performance even under bad climate environment.

MKT系列冷却塔性能参数表

SPECIFICATION FOR MKT COUNTER FLOW COOLING TOWER

设计工况参数: 大气压力-P=99400Pa 湿球温度-WBT=28°C 进水温度-T₁=37°C 出水温度-T₂=32°C 水温降ΔT_s=5°C
 Design Condition: P=99400Pa Wet Bulb Temp=28°C Inlet Water Temp-T₁=37°C Outlet Water Temp-T₂=32°C Temperature DifferenceΔT_s=5°C

MODEL 型号		MKT-	6	8	10	12	16	20	25	30	35	40	
技术参数 Specification	27°C 流量	m ³ /h	7	9.2	11.5	13.8	18.4	23	28.8	34.5	40.3	46	
	28°C WATER FLOW RATE	m ³ /h	6	8	10	12	16	20	25	30	35	40	
	风量 AIR FLOW RATE	m ³ /h	4580	4830	7640	7240	9040	10680	15080	18100	21120	24140	
	风机 FAN DIAMETER	mm	584	584	760	760	760	760	884	884	884	1184	
	MOTOR 电机	Kw	0.18	0.18	0.37	0.37	0.37	0.55	0.75	0.75	1.10	1.50	
外形尺寸 Tower Dimension	标准/低噪 直径 D0 Diameter D0	mm	930	930	1175	1175	1375	1375	1615	1780	1870	1870	
	低噪/超低噪 高度 H Height H	mm	1395	1625	1495	1780	1840	2100	1890	2090	2070	2070	
	超低噪 直径 SD Diameter SD	mm	1280	1280	1530	1530	1720	1720	2000	2120	2240	2240	
	超低噪 高度 SH Height SH	mm	2075	2300	2195	2480	2540	2800	2700	2900	2880	2970	
重量 Weight	标准 DRY 干重	Kg	48	53	65	72	79	95	124	150	189	209	
	标准 WET 湿重	Kg	121	128	190	199	206	287	495	613	734	754	
	低噪 DRY 干重	Kg	52	57	70	77	85	102	152	181	224	256	
	低噪 WET 湿重	Kg	128	135	201	210	217	300	533	655	782	813	
超低噪	DRY 干重	Kg	81	86	111	117	125	142	196	225	277	324	
	WET 湿重	Kg	166	173	257	266	274	357	593	716	851	911	
进塔水压 Inlet Water Pressure		Kpa	20	20	20	20	20	20	20	20	25	25	
噪音 Noise Level	标准 S Standard	dBA	59	59	61	61	62	63	64	64	65	65	
	低噪 L Low Noise	dBA	54	54	55	55	55.5	56	56.5	56.5	57	57	
	超低噪 SL Super Low Noise	dBA	50	50	51	51	52	53	53	53.5	54	54	
配管尺寸 Pipe Connection	进水 INLET WI	mm	40	40	50	50	50	50	80	80	80	80	
	出水 OUTLET WO	mm	40	40	50	50	50	50	80	80	80	80	
	满水 OVERFLOW OF	mm	25	25	25	25	25	25	25	25	25	25	
	排水 DRAIN DN	mm	25	25	25	25	25	25	25	25	25	25	
	浮波 FLOATVALVE FV	mm	15	15	15	15	15	15	15	15	15	15	
	快补 QUICK SUPPLY QF	mm	-	-	-	-	-	-	-	-	-	-	-
基础尺寸 Foundation Dimension	基础直径D1 DIA (D1)	mm	600	600	878	878	1060	1060	1275	1430	1505	1505	
	n 基础个数 No. of Foundation	个	3	3	3	3	3	3	4	4	4	4	
	基础高 Foundation Height h	mm	300	300	300	300	300	300	300	300	300	300	
	中心 Center	长 U Length U	mm	-	-	-	-	-	-	-	-	-	-
		宽 U Width U	mm	-	-	-	-	-	-	-	-	-	-
	四周 Circumference	长 S Length S	mm	250	250	250	250	250	250	250	250	250	250
		宽 T Width T	mm	250	250	250	250	250	250	250	250	250	250
	安装方式 Installation	螺丝 M Bolt M	mm	M10	M10	M10	M10	M10	M10	M10	M10	M10	M10
钢板 S1 Steel Plate S1		mm	-	-	-	-	-	-	-	-	-	-	
钢板 T1 Steel Plate T1		mm	-	-	-	-	-	-	-	-	-	-	

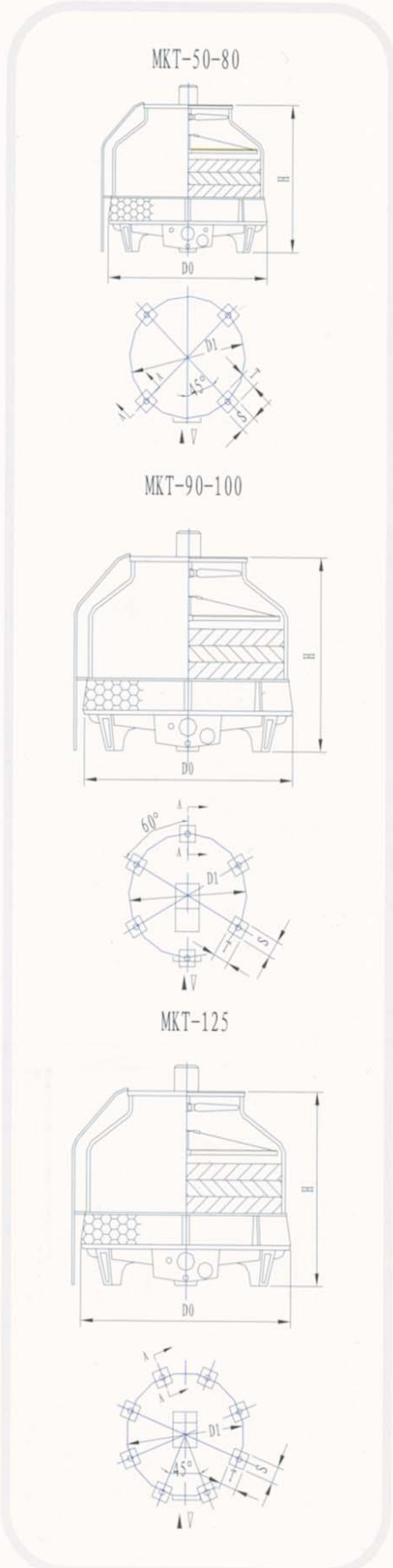


MKT系列冷却塔性能参数表

SPECIFICATION FOR MKT COUNTER FLOW COOLING TOWER

设计工况参数: 大气压力-P=99400Pa 湿球温度-WBT=28℃ 进水温度-T₁=37℃ 出水温度-T₂=32℃ 水温降ΔT_s=5℃
 Design Condition: P=99400Pa Wet Bulb Temp=28℃ Inlet Water Temp-T₁=37℃ Outlet Water Temp-T₂=32℃ Temperature DifferenceΔT_s=5℃

MODEL 型号		MKT-	50	60	70	80	90	100	125	
技术参数 Specification	27℃	流量 WATER FLOW RATE	m ³ /h	57.5	69	80.5	92	103.5	115	143.8
	28℃		m ³ /h	50	60	70	80	90	100	125
		风量 AIR FLOW RATE	m ³ /h	30180	31980	42240	42640	54300	53400	75450
		风机 FAN DIAMETER	mm	1184	1184	1470	1470	1470	1470	1780
		MOTOR 电机	Kw	1.50	2.20	2.20	2.20	3.00	3.00	4.00
外形尺寸 Tower Dimension	Standard 标准 低噪	直径 D0 Diameter D0	mm	2100	2100	2450	2450	2950	2950	3320
		高度 H Height H	mm	2285	2285	2350	2750	2635	2860	2750
	Super Low 超低噪	直径 SD Diameter SD	mm	2600	2600	2850	2850	3350	3350	3740
		高度 SH Height SH	mm	3185	3185	3300	3700	3585	3810	3880
重量 Weight	Standard 标准	DRY 干重	Kg	269	311	335	347	526	579	729
		WET 湿重	Kg	969	1020	1140	1166	1612	1684	2065
	Low Noise 低噪	DRY 干重	Kg	326	329	382	395	599	625	821
		WET 湿重	Kg	1042	1054	1209	1234	1716	1786	2196
	Super Low 超低噪	DRY 干重	Kg	400	413	464	501	702	764	996
	WET 湿重	Kg	1145	1159	1316	1402	1881	1961	2459	
进塔水压 Inlet Water Pressure		Kpa	25	25	25	25	30	30	30	
噪音 Noise Level	标准 S Standard	dBA	65.5	66	66.5	67	67	67	67.5	
	低噪 L Low Noise	dBA	57.5	58	58.5	59	60	60	60.5	
	超低噪 SL Super Low Noise	dBA	54.5	54.5	55	55.5	56	56	56.5	
配管尺寸 Pipe Connection	进水 INLET WI	mm	100	100	100	100	125	125	150	
	出水 OUTLET WO	mm	100	100	100	100	125	125	150	
	满水 OVERFLOW OF	mm	40	40	40	40	40	40	50	
	排水 DRAIN DN	mm	25	25	25	40	40	40	40	
	浮波 FLOATVALVE FV	mm	20	20	20	20	20	20	20	
	快补 QUICK SUPPLY QF	mm	-	-	-	-	20	20	20	
基础尺寸 Foundation Dimension	基础直径D1 DIA (D1)		mm	1715	1715	1950	1950	2340	2340	2850
	n 基础个数 No. of Foundation		个	4	4	4	4	6	6	8
	基础高 Foundation Height h		mm	300	300	300	300	300	300	300
	中心 Center	长 U Length U	mm	-	-	-	-	450	450	450
		宽 U Width U	mm	-	-	-	-	450	450	450
	四周 Circumference	长 S Length S	mm	250	250	250	300	300	300	300
		宽 T Width T	mm	250	250	250	300	300	300	300
	安装方式 Installation	螺丝 M Bolt M	mm	M10	M10	M10	M10	M10	M10	M10
		钢板 S1 Steel Plate S1	mm	-	-	-	-	-	-	-
		钢板 T1 Steel Plate T1	mm	-	-	-	-	-	-	-

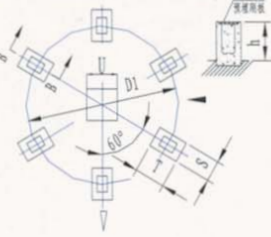
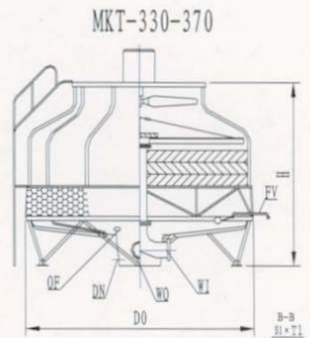
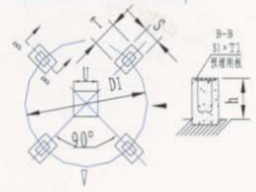
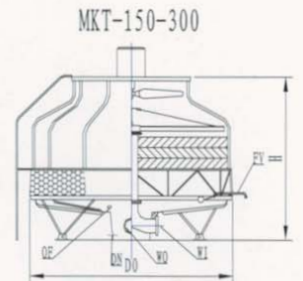


MKT系列冷却塔性能参数表

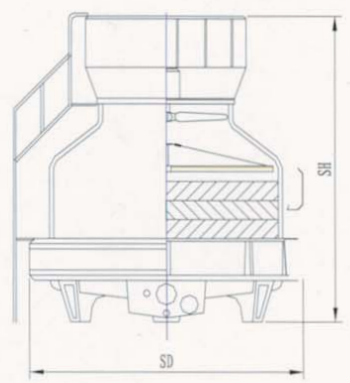
SPECIFICATION FOR MKT COUNTER FLOW COOLING TOWER

设计工况参数: 大气压力-P=99400Pa 湿球温度-WBT=28℃ 进水温度-T₁=37℃ 出水温度-T₂=32℃ 水温降ΔT_s=5℃
 Design Condition: P=99400Pa Wet Bulb Temp=28℃ Inlet Water Temp-T₁=37℃ Outlet Water Temp-T₂=32℃ Temperature DifferenceΔT_s=5℃

MODEL 型号		MKT-	150	175	200	225	250	275	300	330	370	
技术 参数	27℃	流量 WATER FLOW RATE	m ³ /h	172.5	201.3	230	258.8	287.5	316.3	345	402.5	427.4
			28℃	m ³ /h	150	175	200	225	250	275	300	350
	风量 AIR FLOW RATE		m ³ /h	80100	105600	121000	120110	133500	146800	160200	199100	197600
	风机 FAN DIAMETER		mm	1780	2360	2360	2360	2360	2360	2940	2940	2940
	MOTOR 电机		Kw	4.00	5.50	5.50	5.50	7.50	7.50	7.50	11.00	11.00
外形 尺寸	Standard/ 标准	直径 D0 Diameter D0	mm	3700	4100	4100	4400	4400	4860	4860	5520	5520
		高度 H Height H	mm	3420	3530	3530	3620	3720	4070	3700	4330	4330
	Super Low Noise 超低噪	直径 SD Diameter SD	mm	4120	4970	4970	4970	4970	5400	5400	6320	6320
		高度 SH Height SH	mm	4550	4890	4890	4980	5080	5430	5060	5690	5690
重量	Standard 标准	DRY 干重	Kg	1030	1294	1372	1487	1597	1828	1848	2337	2497
		WET 湿重	Kg	2796	3276	3394	4180	4335	5317	5337	7368	7597
	Low Noise 低噪	DRY 干重	Kg	1124	1407	1485	1619	1729	1963	1983	2508	2667
		WET 湿重	Kg	2938	3448	3566	4390	4539	5535	5555	7647	7875
Super Low Noise 超低噪	DRY 干重	Kg	1306	773	1852	1983	2094	2328	2447	3056	3215	
	WET 湿重	Kg	3209	3728	4046	4858	5013	6113	6218	8393	8622	
进塔水压 Inlet Water Pressure		Kpa	30	30	30	30	30	40	40	40	40	
噪音 Level	标准 S Standard	dBA	67.5	67.5	68	68.5	68.5	69	69	69	70	
	低噪 L Low Noise	dBA	61	61.5	62.5	63	63	64	64	64	64.5	
	超低噪 SL Super Low Noise	dBA	57	58	59	59.5	60	61	61	61.5	61.5	
配管 尺寸	进水 NLET WI	mm	150	150	200	200	200	200	200	250	250	
	出水 OUTLET WO	mm	150	150	200	200	200	200	200	250	250	
	满水 OVERFLOW OF	mm	50	80	80	80	80	80	80	100	100	
	排水 DRAIN DN	mm	40	40	40	40	40	40	40	50	50	
	浮波 FLOATVALVE FV	mm	25	25	25	25	25	25	25	50	50	
	快补 QUICK SUPPLY QF	mm	25	25	25	25	25	25	25	50	50	
基础 尺寸	基础直径 D1 DIA (D1)	mm	3570	4000	4000	4300	4300	4700	4700	5300	5300	
	n 基础个数 No. of Foundation	个	4	4	4	4	4	4	4	6	6	
	基础高 Foundation Height h	mm	300	300	300	300	300	300	300	300	300	
	中心 Circumference	长 U Length U	mm	600	600	600	600	600	600	600	600	600
宽 U Width U		mm	600	600	600	600	600	600	600	600	600	
长 S Length S		mm	300	300	300	300	300	300	300	300	300	
宽 T Width T		mm	400	400	400	400	400	400	400	400	400	
安装 方式	螺丝 M Bolt M	mm	-	-	-	-	-	-	-	-	-	
	钢板 S1 Steel Plate S1	mm	200	200	200	200	200	200	200	200	200	
	钢板 T1 Steel Plate T1	mm	300	300	300	300	300	300	300	300	300	



超低噪外形

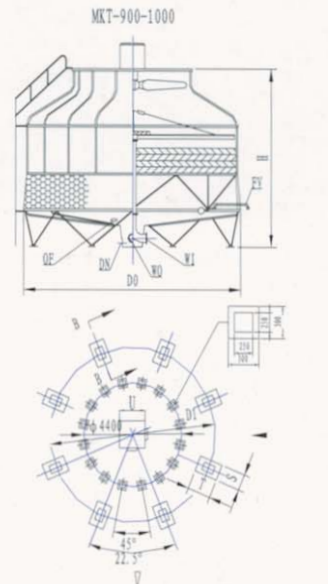
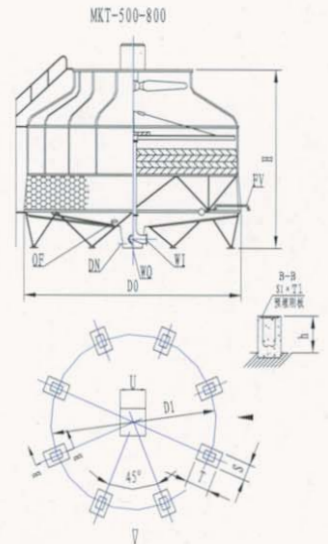
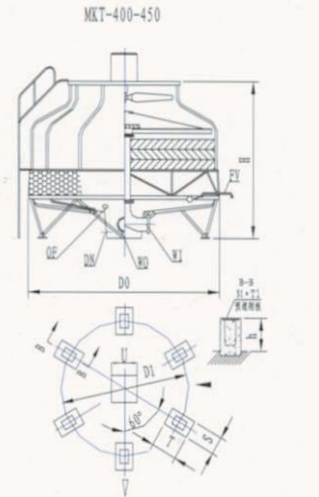


MKT 冷却塔性能参数表

SPECIFICATION FOR MKT COUNTER FLOW COOLING TOWER

设计工况参数: 大气压力-P=99400Pa 湿球温度-WBT=28℃ 进水温度-T₁=37℃ 出水温度-T₂=32℃ 水温降ΔT₀=5℃
 Design Condition: P=99400Pa Wet Bulb Temp=28℃ Inlet Water Temp-T₁=37℃ Outlet Water Temp-T₂=32℃ Temperature DifferenceΔT₀=5℃

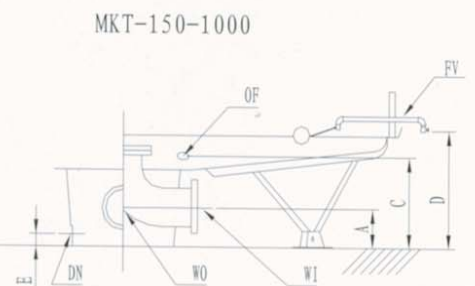
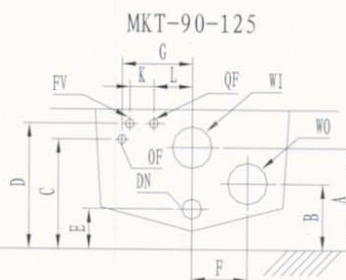
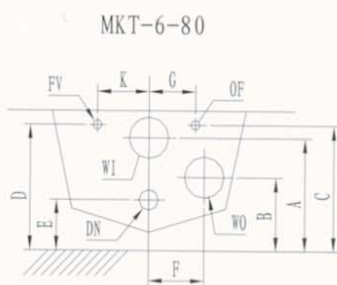
MODEL 型号		MKT-	400	450	500	600	700	800	900	1000	
技术参数 Specification	27℃	流量	m ³ /h	460	517.5	575	690	805	920	1035	1150
	28℃	WATER FLOW RATE	m ³ /h	400	450	500	600	700	800	900	1000
			AIR FLOW RATE	m ³ /h	241500	240500	301800	320500	373800	427500	543500
		FAN DIAMETER	mm	3330	3330	3330	3630	3630	4200	5000	5000
		MOTOR 电机	Kw	11.00	15.00	15.00	18.50	22.00	22.00	22.00	30.00
外形尺寸 Tower Dimension	Standard/标准 Low Noise/低噪	直径 D0 Diameter D0	mm	5960	5960	6600	6600	7600	8100	8800	8800
		高度 H Height H	mm	4800	4800	4780	5310	5730	6150	6090	6090
	Super Low Noise/超低噪	直径 SD Diameter SD	mm	6760	6760	7500	7500	8500	9100	10000	10000
		高度 SH Height SH	mm	6280	6280	6260	6790	7210	7750	7690	7690
重量 Weight	Standard/标准	DRY 干重	Kg	3054	3263	3833	4275	5670	6642	8507	8594
		WET 湿重	Kg	8901	9191	12198	12744	17955	17959	21833	21920
	Low Noise/低噪	DRY 干重	Kg	3239	3448	4062	4504	6033	7089	9042	9129
		WET 湿重	Kg	9216	9505	12581	13127	18522	19638	22642	22729
Super Low Noise/超低噪	DRY 干重	Kg	3866	4075	4731	5193	6794	8292	10201	10288	
	WET 湿重	Kg	10097	10386	13504	14070	19558	20218	24304	24391	
	进塔水压 Inlet Water Pressure	Kpa	40	40	50	50	50	60	60	60	
噪音 Noise Level	标准 S Standard	dBA	70	70	71	71	71.5	72	72	73	
	低噪 L Low Noise	dBA	64.5	64.5	65	65	65.5	66	66	67	
	超低噪 SL Super Low Noise	dBA	61.5	61.5	62	62	62.5	63	63	63	
配管尺寸 Pipe Connection	进水 INLET WI	mm	250	250	250	300	300	350	350	350	
	出水 OUTLET WO	mm	250	250	250	300	300	350	350	350	
	满水 OVERFLOW OF	mm	100	100	100	100	100	100	100	100	
	排水 DRAIN DN	mm	50	50	80	80	80	80	80	80	
	浮波 FLOATVALVE FV	mm	50	50	50	50	50	50	50	50	
	快补 QUICK SUPPLY QF	mm	50	50	50	50	50	50	50	50	
基础尺寸 Foundation Dimension	基础直径D1 DIA (D1)		mm	5800	5800	6500	6500	7500	8000	8700	8700
	n 基础个数 No. of Foundation		个	6	6	8	8	8	8	24	24
	基础高 Foundation Height h		mm	300	300	300	300	300	400	400	400
	中心 Center	长 U Length U	mm	600	600	800	800	800	800	800	800
		宽 U Width U	mm	600	600	800	800	800	800	800	800
	四周 Circumference	长 S Length S	mm	300	300	500	500	500	600	600	600
		宽 T Width T	mm	400	400	600	600	600	700	700	700
	安装方式 Installation	螺丝 M Bolt M	mm	-	-	-	-	-	-	-	-
		钢板 S1 Steel Plate S1	mm	200	200	300	300	300	300	300	300
		钢板 T1 Steel Plate T1	mm	300	300	300	300	300	300	300	300



MKT系列冷却塔接管规格表及接管尺寸图

PIPE CONNECTION DIMENSION AND DRAWING FOR MKT CENTER FLOW COOLING TOWER

型号 Model	尺寸 Size		外型尺寸 Overall size		配管规格 Piping size				安装尺寸 Installation dimension								
	Do	H	WI	WO	OF	DN	FV	QF	A	B	C	D	E	F	G	K	L
MKT-6	930	1355	40	40	25	25	15	-	210	110	215	240	80	90	90	100	-
-8	930	1575	40	40	25	25	15	-	210	110	215	240	80	90	90	100	-
-10	1175	1495	50	50	25	25	15	-	235	140	235	250	90	105	105	145	-
-12	1175	1695	50	50	25	25	15	-	235	140	235	250	90	105	105	145	-
-16	1375	1810	50	50	25	25	15	-	220	125	220	275	90	115	115	180	-
-20	1375	2010	50	50	25	25	15	-	220	125	220	275	90	115	115	180	-
-25	1615	1865	80	80	25	25	15	-	230	145	290	325	90	125	125	145	-
-30	1780	1965	80	80	25	25	15	-	265	160	310	340	85	155	155	170	-
-35	1870	2070	80	80	25	25	20	-	265	160	295	325	85	155	155	170	-
-40	1870	2070	80	80	25	25	20	-	265	160	295	325	85	155	155	170	-
-50	2100	2285	100	100	40	25	20	-	280	180	330	385	100	160	160	190	-
-60	2100	2285	100	100	40	25	20	-	280	180	330	385	100	160	160	190	-
-70	2450	2350	100	100	40	25	20	-	345	195	435	445	145	180	180	220	-
-80	2450	2750	100	100	40	25	20	-	345	195	435	445	145	180	180	220	-
-90	2950	2635	125	125	40	40	20	20	330	240	360	475	130	280	340	105	145
-100	2950	2860	125	125	40	40	20	20	330	240	360	475	130	280	340	105	145
-125	3320	2750	150	150	40	40	20	20	355	240	405	505	120	350	380	125	195
-150	3700	3420	150	150	50	40	25	25	240	240	550	990	60	-	-	-	-
175	4100	3530	150	150	80	40	25	25	330	330	620	1030	60	-	-	-	-
-200	4100	3530	150	150	80	40	25	25	330	330	620	1030	60	-	-	-	-
-225	4400	3620	200	200	80	40	25	25	330	330	620	1070	60	-	-	-	-
-250	4400	3720	200	200	80	40	25	25	330	330	620	1070	60	-	-	-	-
-275	4860	4070	200	200	80	40	25	25	330	330	620	1100	60	-	-	-	-
-300	4860	3700	200	200	80	40	25	25	330	330	620	1100	60	-	-	-	-
-330	5520	4330	250	250	100	50	50	50	340	340	620	1300	65	-	-	-	-
-370	5520	4330	250	250	100	50	50	50	340	340	620	1300	65	-	-	-	-
-400	5960	4800	250	250	100	50	50	50	340	340	620	1320	100	-	-	-	-
-450	5960	4800	250	250	100	50	50	50	340	340	620	1320	100	-	-	-	-
-500	6600	4780	250	250	100	80	50	50	340	340	720	1380	100	-	-	-	-
-600	6600	5310	250	250	100	80	50	50	340	340	720	1380	100	-	-	-	-
-700	7600	5730	300	300	100	80	50	50	340	340	900	1560	100	-	-	-	-
-800	8100	6150	350	350	100	80	50	50	340	340	900	1560	100	-	-	-	-
-900	8800	6090	350	350	100	80	50	50	340	340	900	1630	100	-	-	-	-
-1000	8800	6090	350	350	100	80	50	50	340	340	900	1630	100	-	-	-	-

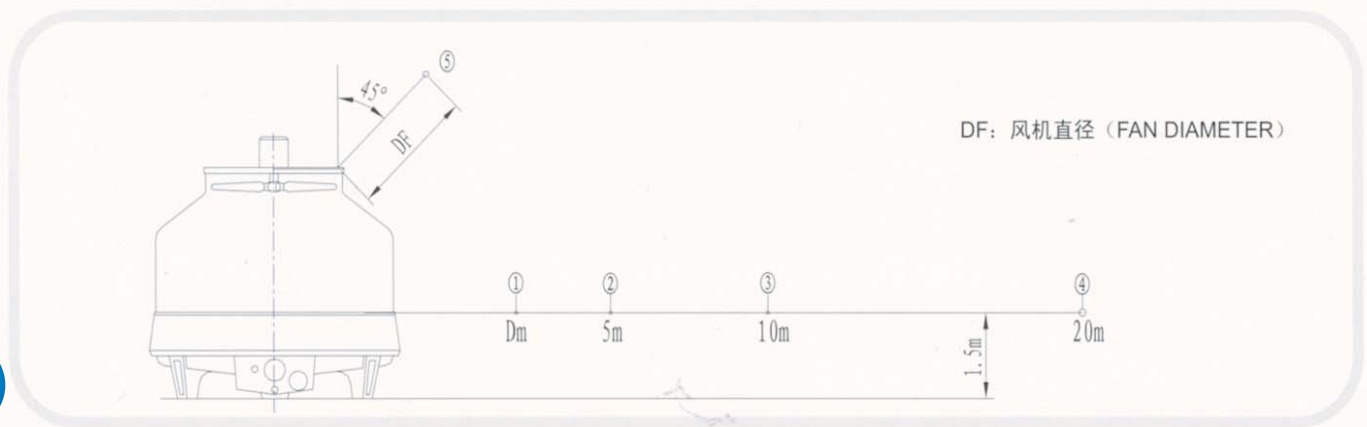




MKT系列冷却塔噪音表

NOISE LEVEL CHART FOR MKT COUNTER FLOW COOLING TOWER

Reference 测点 Point 型号 Type	Dm m	标准型(S) Standard					低噪声型(L) Low Noise					超低噪声型(SL) Super Low Noise				
		1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
MKT-6	0.93	59	53.2	49	44.6	60	54	48.2	44	39.6	57	50	44.2	40	35.6	52
-8	0.93	59	53.2	49	44.6	60	54	48.2	44	39.6	57	50	44.2	40	35.6	52
-10	1.175	61	55.1	50.9	46.6	62	55	49.1	44.9	40.6	59	51	45.1	40.9	36.6	54
-12	1.175	61	55.1	50.9	46.6	62	55	49.1	44.9	40.6	59	51	45.1	40.9	36.6	54
-16	1.375	62	56	51.8	47.5	62.5	55.5	49.5	45.3	41	59.5	52	46	41.8	37.5	54
-20	1.375	63	57	52.8	48.5	63	56	50	45.8	41.5	60	53	47	42.8	38.5	55
-25	1.615	64	58.3	54.3	50	65	56.5	50.8	46.8	42.5	61	53	47.3	43.3	39	56
-30	1.78	64	58.8	54.8	50.6	65.5	56.5	51.3	47.3	43.1	61.5	53.5	48.3	44.3	40.1	57
-35	1.87	65	60.1	56.1	51.9	67	57	52.1	48.1	43.9	63	54	49.1	45.1	40.9	58
-40	1.87	65	60.1	56.1	51.9	67	57	52.1	48.1	43.9	63	54	49.1	45.1	40.9	58
-50	2.1	65.5	61.2	57.3	53.1	67	57.5	53.2	49.3	45.1	63	54.5	50.2	46.3	42.1	58
-60	2.1	66	61.7	57.8	53.6	69	58	53.7	49.8	45.6	64	54.5	50.2	46.3	42.1	59
-70	2.45	66.5	63.1	59.2	55.1	69	58.5	55.1	51.2	47.1	64	55	51.6	47.7	43.6	59
-80	2.45	67	63.6	59.7	55.6	69.5	59	55.6	51.7	47.6	64.5	55.5	52.1	48.2	44.1	60
-90	2.95	67	64.5	60.8	56.7	70	60	57.5	53.8	49.7	65	56	53.5	49.8	45.7	61
-100	2.95	67	64.5	60.8	56.7	70	60	57.5	53.8	49.7	65	56	53.5	49.8	45.7	61
-125	3.32	67.5	65.6	62	57.9	70.5	60.5	58.6	55	50.9	65.5	56.5	54.6	51	46.9	61
-150	3.7	67.5	66.1	62.6	58.6	70.5	61	59.6	56.1	52.1	65.5	57	55.6	52.1	48.1	62
175	4.1	67.5	66.6	63.1	59.2	71	61.5	60.6	57.1	53.2	66	58	57.1	53.6	49.7	62
-200	4.1	68	67.1	63.6	59.7	71	62.5	61.6	58.1	54.2	66	59	58.1	54.6	50.7	62
-225	4.4	68.5	67.9	64.5	60.6	71.5	63	62.4	59	55.1	66.5	59.5	58.9	55.5	51.6	63
-250	4.4	68.5	67.9	64.5	60.6	72	63	62.4	59	55.1	67	60	59.4	56	52.1	63
-275	4.86	69	68.8	65.5	61.6	73	64	63.8	60.5	56.6	68	61	60.8	57.5	53.6	64
-300	4.86	69	68.8	65.5	61.6	73	64	63.8	60.5	56.6	68	61	60.8	57.5	53.6	64
-330	5.52	70	70.4	67.2	63.4	73	64.5	64.9	61.7	57.9	68	61.5	61.9	58.7	54.9	64
-370	5.52	70	70.4	67.2	63.4	73	64.5	64.9	61.7	57.9	68	61.5	61.9	58.7	54.9	64
-400	5.96	70	70.7	67.6	63.8	74	64.5	65.2	62.1	58.3	69	61.5	62.2	59.1	55.3	65
-450	5.96	70	70.7	67.6	63.8	74	64.5	65.2	62.1	58.3	69	61.5	62.2	59.1	55.3	65
-500	6.6	71	72.1	69.1	65.4	74	65	66.1	63.1	59.4	69	62	63.1	60.1	56.4	65
-600	6.6	71	72.1	69.1	65.4	75	65	66.1	63.1	59.4	70	62	63.1	60.1	56.4	66
-700	7.6	71.5	73.2	70.3	66.7	75	65.5	67.2	64.3	60.7	70	62.5	64.2	61.3	57.7	66
-800	8.1	72	73.9	71.1	67.6	76	66	67.9	65.1	61.6	71	63	64.9	62.1	58.6	67
-900	8.8	72	74.2	71.4	68	77	66	68.2	65.4	62	72	63	65.2	62.4	59	68
-1000	8.8	73	75.2	72.4	69	77	67	69.2	66.4	63	72	63	65.2	62.4	59	68



本选型图仅供快速选塔用。如为了准确选择并最后确认，请同本公司联系以提供电脑选型结果。
This selection chart act as a guideline to the users only. For an optimal and accurate cooling tower selection, please consult your local dealer or Mesan for assistance.

选塔图 SELECTION CHART

举例 For Example::

- 热水温度 Hot Water Temp: 38°C
- 冷水温度 Cold Water Temp: 32°C
- 水温降 Range: 6°C
- 湿球温度 Wet-Bulb Temp: 29°C
- 循环水流量 Water Flow Rate: 350m³/h

如何选型?

- 1、以热水温度 (38°C) 之垂直线，交于湿球温度曲线 (29°C) 交于点①
- 2、由点①向右作水平线交于温差6°C之曲线交于点②
- 3、由点②向上作垂直线，交于循环水量350m³/h的水平线于点③
- 4、点③落于型号曲线MKT-450与MKT-500之间，选择MKT-500型号冷却塔。

注1: 若点③落于某型号之曲线上则选择该型号或大一级型号。

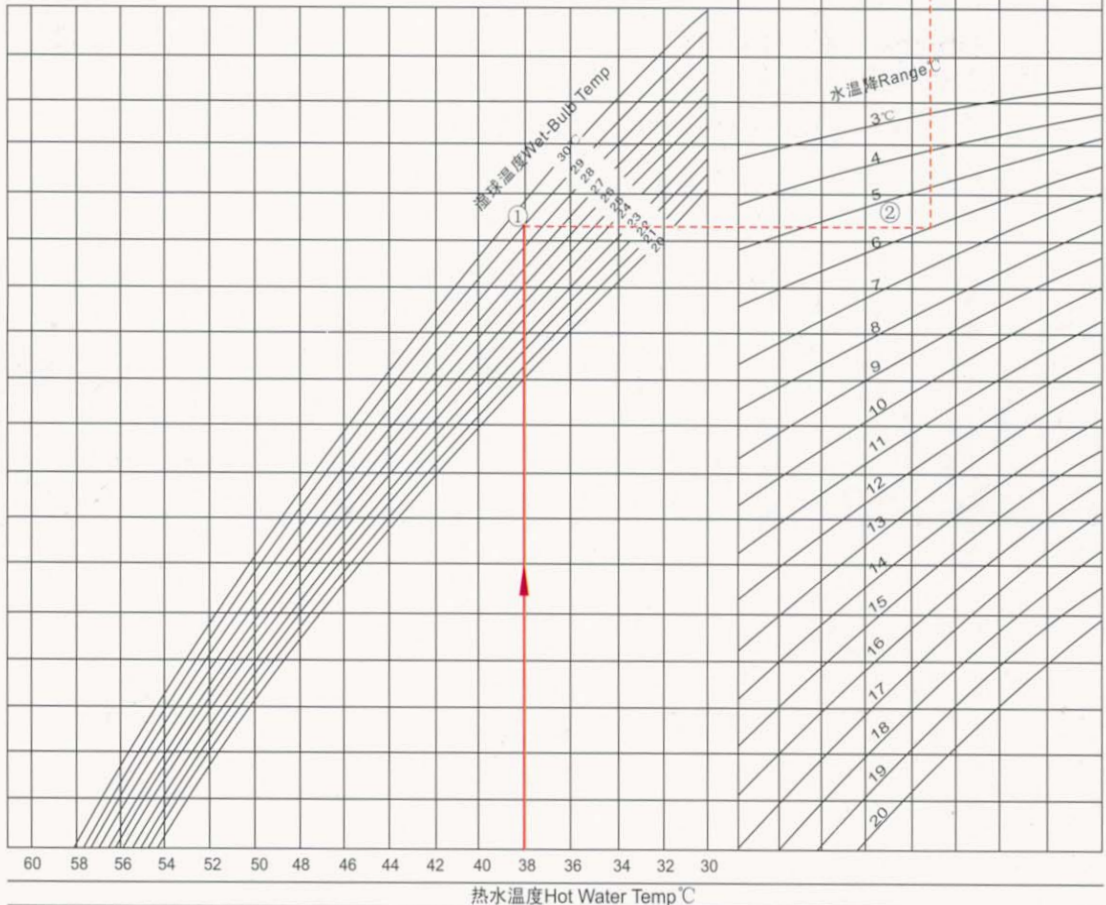
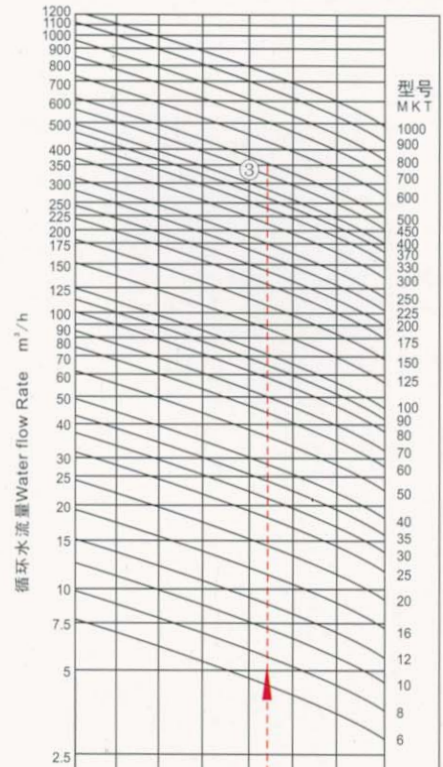
注2: 若点③介于两型号之间，则选择较大型号。

注3: 如选不上合适的型号，请联系生产商。

1. Trace up the HWT of 38°C vertically to find the intersecting Point ① with the 29°C WBT curve
2. Shift the Point ① to the right and to find the intersecting Point ② with the 6°C Range Curve
3. Extend the line vertically to meet the Circulating Water Flow Rate 350m³/h of Point ③.
4. Point ③ fall between the curve of MKT-450 and MKT-500 select cooling tower MKT-500

Note:

1. If point ③ falls on the curve, select the tower model of the corresponding curve.
2. If point ③ falls between the two curves, select the tower with larger model.
3. Please consult your local dealer or Mesan if the selection is not able to make.





工程项目 PROJECT REFERENCE



华联百老汇大厦
MKT-400SLX3



深圳地王大厦
MKT-500LX4



广东电视台
MKT-800LX2



广东国贸大厦
MKT-500LX3



广州自来水公司
MKT-300X4



广东外经贸大厦
MS-600LX4



中国大酒店
MKT-750SLX5



东峻广场
MKT-370LX5



MESAN Cooling Tower Ltd.

2/F Rex Building, 648-652 Nathan Road, Kowloon, Hong Kong

Tel: (852)2787 5717 Fax: (852) 2395 2501

E-mail : sales@mesan.com.hk

Web Site: <http://www.mesan.com.hk>

To Whom It May Concern:

Hong Kong, October 29th 2003,

CERTIFICATE OF DISTRIBUTORSHIP & LICENSED MANUFACTURING

We confirm that:

**OMRAN TAHVIEH INDUSTRIAL Co.
#1.2, 1st floor, Nr. 108 Iranshahr Avenue
Teheran
IRAN**

has been appointed as licensed manufacturer for MST[®] brand name Cooling Towers for industrial applications in the Islamic Republic of Iran.

This Certificate confirms the Licenced Manufacturers & Distributors Contract as signed on 12 September 2003.

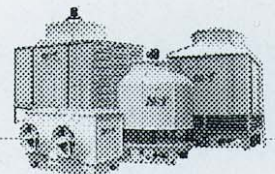
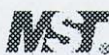
This agreement will come into force on 01st of October 2003 and be valid until 31th December 2004.

Yours sincerely

MESAN Cooling Tower Ltd.



Henk Janssen
Asst. General Manager
Overseas Division





OMRAN TAHVIEH

Heating , Ventilation And Air Conditioning

Central Office : # 1.2 , 1st floor , No . 108 , Iranshahr Ave., Tehran - Iran , Tel : (98 - 21) 8847372 - 3 , 8318850 - 2 Tel & Fax : (98 - 21) 8318852.

All data and specification subject to change without notice .