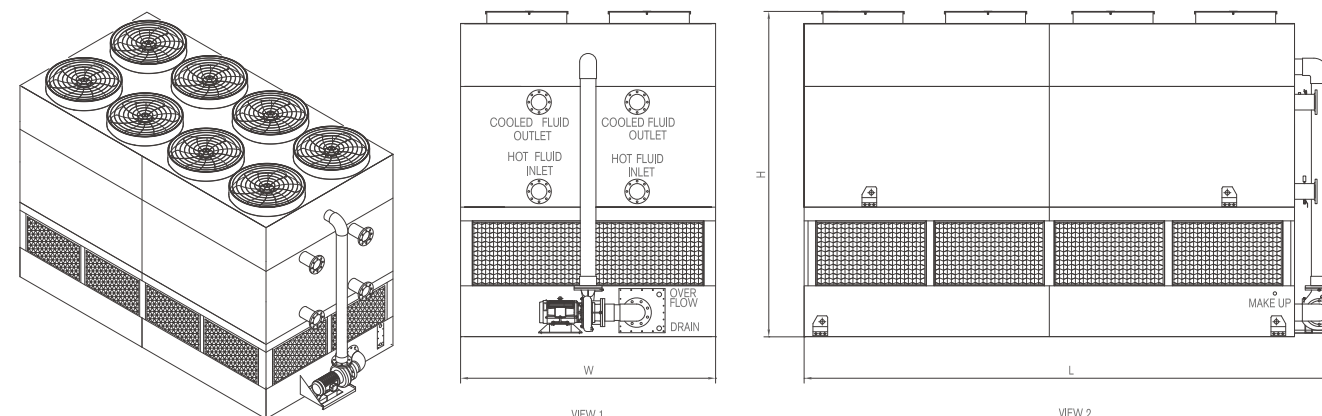
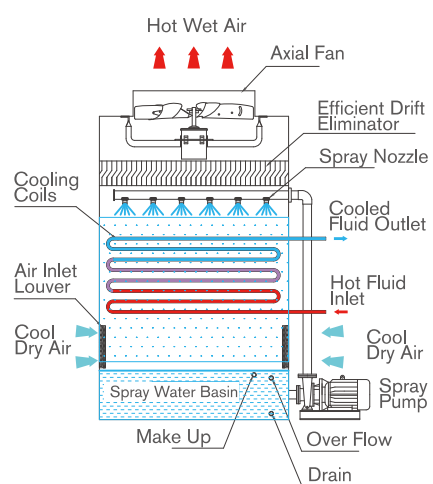


# GTM SERIES



## 闭式逆流冷却塔 CLOSED COUNTER FLOW

GTM 系列冷却范围：6~305 名义吨。外壳采用覆镁铝锌板或不锈钢板，冷却盘管使用不锈钢或紫铜。GTM 系列结构更紧凑，安装空间更少，无预冷填料，更适合冷却更高温度的工作流体。塔体尺寸可非标定制适合集装箱运输，满足特殊项目需求。

GTM Series are of regular capacities from 6 to 305 nominal tons. Casing made in special Mg-Al-Zn alloy coated steel or stainless steel, Heat exchange coils made in stainless steel or red copper. GTM Towers tend to be more compact, taking less installation space, working without any wet deck fill, more suitable to cool hot fluid of higher inlet temperature. The towers dimensions can be customized to suit standard containers or particular project conditions.

### 工作原理

在逆流冷却塔中，干冷空气进入冷却塔四周格栅，通过风机的吸力垂直经过巨大换热表面，与喷淋水方向相反，成为湿热空气，由冷却塔顶部风机排到大气中。在此过程中，持续进行热交换并带走闭式循环中工作流体的部分热量。

### WORKING THEORY

As counter flow towers, the dry cool air is inlet through louvers on both sides of the tower from the bottom, and drawn upwards passing a large heat exchange surface of the coils section under the induced fans, against the spraying water in the opposite way, becoming hot wet air, induced draught out of the tower into the atmosphere by the fans on the top. During this process, a part of the heat from the fluids inside the closed loop is transferred efficiently, and removed to the outside environment.

型号 Model No.	名义吨 Nominal Flow Rate (Ton)	风机 Fan		喷淋泵 Circulating Pump		设备接口管径 (mm) Connecting Pipe (mm)			外形尺寸 (mm) Overall Dimensions (mm)			重量 Weight	
		功率 Power (kW)	风量 Air Volume (m³/h)	功率 Power (kW)	水量 Air Volume (T/h)	进/出水口 inlet/outlet	补水口 make up	溢流/排污 drainage	长 L	宽 W	高 H	自重 Net (kg)	运行重量 Running (kg)
GTM-15	6	0.55	2.4	0.75	20	DN50	DN25	DN40	2200	1000	1830	450	700
GTM-110	12	0.55	2.4	0.75	20	DN50	DN25	DN40	2400	1000	1900	490	800
GTM-115	18	0.55×2	2.4×2	0.75	20	DN65	DN25	DN40	2300	1020	1830	460	1000
GTM-120	24	0.55×2	2.4×2	0.75	20	DN65	DN25	DN40	2300	1020	1900	500	1050
GTM-225	30	0.55×2	2.4×2	1.5	45	DN80	DN25	DN40	2860	1240	2050	730	1650
GTM-230	37	1.1×2	3.7×2	1.5	45	DN80	DN25	DN40	2860	1240	2180	830	1760
GTM-235	43	1.1×2	3.7×2	1.5	45	DN65×2	DN25	DN40	2860	1240	2420	1050	2030
GTM-340	49	1.5×2	5.1×2	2.2	60	DN65×2	DN25	DN40	2860	1520	2440	1280	2500
GTM-350	61	1.5×2	5.1×2	2.2	60	DN80×2	DN25	DN40	2860	1520	2630	1370	2660
GTM-365	79	1.1×4	3.7×4	2.2	60	DN80×2	DN25	DN40	3200	1760	2630	1820	3460
GTM-370	85	1.1×4	3.7×4	2.2	114	DN80×2	DN25	DN40	3200	2120	2750	1930	3970
GTM-380	98	1.5×4	5.1×4	2.2	114	DN80×2	DN25	DN40	3200	2120	2750	2050	4000
GTM-390	110	1.5×4	5.1×4	2.2	114	DN80×2	DN25	DN40	3200	2120	2750	2150	4050
GTM-3100	122	1.5×4	5.1×4	2.2	114	DN80×2	DN25	DN40	3550	2120	2750	2330	4710
GTM-3110	134	1.5×6	5.1×6	2.2	114	DN80×2	DN25	DN40	4150	2120	2870	2650	5550
GTM-5125	152	1.5×8	5.1×8	3.7	140	DN100×2	DN40	DN40	4750	2120	2970	3100	6500
GTM-5150	183	1.5×8	5.1×8	3.7	140	DN100×2	DN40	DN40	5050	2120	3120	3500	7480
GTM-7175	213	1.5×8	5.1×8	5.5	160	DN125×2	DN40	DN40	5480	2120	3120	3800	8240
GTM-7200	244	1.5×8	5.1×8	5.5	160	DN125×2	DN40	DN40	5080	2620	3120	4800	9170
GTM-7225	274	1.5×8	5.1×8	5.5	160	DN125×2	DN40	DN40	5480	2620	3220	5600	11300
GTM-10250	305	1.5×10	5.1×10	7.5	240	DN150×2	DN40	DN40	6230	2620	3220	6000	12560

### NOTE

Nominal Tons are based upon temp. drop 35~29.5°C / 95~85°F, WBT 25.5°C / 78°F, and 0.681 m³/hr/ton.  
名义吨基于工况35-29.5°C，湿球：25.5°C，流量：0.681m³/h/ton