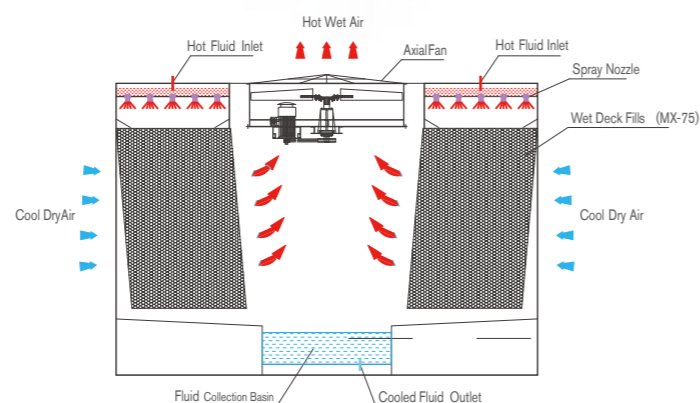




GOM SERIES

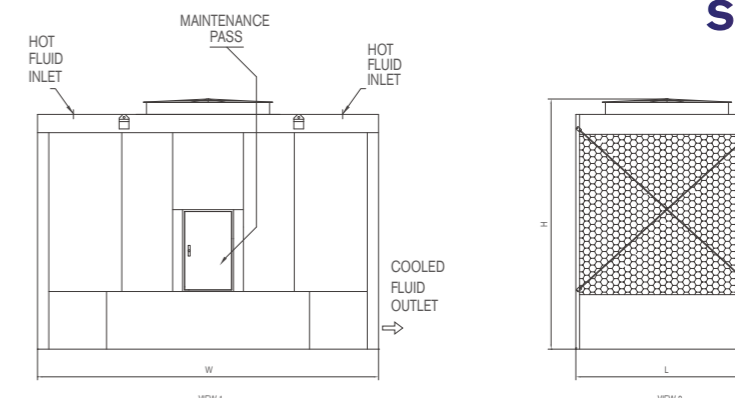
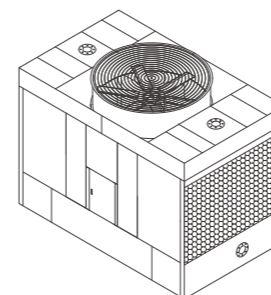


OPEN COOLING TOWER

GOM Series cross flow steel open cooling towers are generally of higher capacities, can work in series as a group for large projects. Enclosure made in special alloy coated steel or stainless steel. GOM towers are of optimized firm structure, high efficiency, low drift rate, and anti blocking. The towers dimensions can be customized to suit standard containers or particular project conditions. GOM towers are widely applied in different fields, to cool circulating water for Melting Furnaces, Induction Heaters, Metal Parts Production Lines, Hydraulic Stations, Power Generators, and other utilities requiring massive cooling water, but not highly demanding on water quality. Initial invest in open towers is lower, but water consumption rate is higher comparing to closed loop cooling towers.

WORKING THEORY

In GOM open cooling towers, the hot water is inlet to the water distribution basin on the top of the tower firstly, and spread onto the extensive surface of the wet deck fills after flowing through the spreading holes by gravity. Meanwhile the dry cool air is inlet through the side louvers of the tower, passing the fills across the water falls. During this process, a part of water is evaporated, with heat removed. The wet hot air is induced draught out of the tower into the atmosphere by the fans on the top, while the cooled water is collected back to the bottom collection basin with the eliminator, flowing back to the equipment requiring cooling water.



Model No.	Nominal Tons	Fan power (kW)	Connecting Pipe (mm)					Overall Dimensions(mm)			Weight		
			Inlet	Outlet	Make Up	Overflow	Drain	L	W	H	Net (kg)	Operation (kg)	
GOM0109	S-1	136	3.7	DN150×2	DN150	DN25	DN50	DN50	1980	3910	3200	1800	3500
	Q-1	156	5.5	DN150×2	DN150	DN25	DN50	DN50	1980	3910	3200	1800	3500
	P-1	171	7.5	DN150×2	DN150	DN25	DN50	DN50	1980	3910	3200	1800	3500
GOM0115	Q-1	208	5.5	DN150×2	DN150	DN25	DN50	DN50	2550	4300	3220	2150	4600
	P-1	231	7.5	DN150×2	DN150	DN25	DN50	DN50	2550	4300	3220	2150	4600
	O-1	264	5.5	DN200×2	DN200	DN25	DN50	DN50	2550	5530	3730	3350	7100
GOM0215	P-1	291	7.5	DN200×2	DN200	DN25	DN50	DN50	2550	5530	3730	3350	7100
	O-1	322	11	DN200×2	DN200	DN25	DN50	DN50	2550	5530	3730	3350	7100
	N-1	363	15	DN200×2	DN200	DN25	DN50	DN50	2550	5530	3730	3350	7100
	M-1	383	18.5	DN200×2	DN200	DN25	DN50	DN50	2550	5530	3730	3350	7100
GOM0120	Q-1	312	5.5	DN200×2	DN200	DN40	DN65	DN50	3010	6070	3750	3850	8500
	P-1	347	7.5	DN200×2	DN200	DN40	DN65	DN50	3010	6070	3750	3850	8500
	O-1	395	11	DN200×2	DN200	DN40	DN65	DN50	3010	6070	3750	3850	8500
	N-1	433	15	DN200×2	DN200	DN40	DN65	DN50	3010	6070	3750	3850	8500
GOM0126	M-1	460	18.5	DN200×2	DN250	DN40	DN65	DN50	3010	6070	3750	3850	8500
	L-1	481	22	DN200×2	DN250	DN40	DN65	DN50	3010	6070	3750	3850	8500
	P-1	393	7.5	DN200×2	DN200	DN40	DN65	DN50	3620	6400	3750	4850	11200
	O-1	449	11	DN200×2	DN250	DN40	DN65	DN50	3620	6400	3750	4850	11200
GOM0132	N-1	490	15	DN200×2	DN250	DN40	DN65	DN50	3620	6400	3750	4850	11200
	M-1	529	18.5	DN200×2	DN250	DN40	DN65	DN50	3620	6400	3750	4850	11200
	L-1	560	22	DN200×2	DN250	DN40	DN65	DN50	3620	6400	3750	4850	11200
	K-1	610	30	DN200×2	DN250	DN40	DN65	DN50	3620	6400	3750	4850	11200
GOM0226	O-1	513	11	DN250×2	DN250	DN40	DN65	DN50	4230	6830	3750	5750	13600
	N-1	563	15	DN250×2	DN250	DN40	DN65	DN50	4230	6830	3750	5750	13600
	M-1	605	18.5	DN250×2	DN250	DN40	DN65	DN50	4230	6830	3750	5750	13600
	L-1	637	22	DN250×2	DN250	DN40	DN65	DN50	4230	6830	3750	5750	13600
GOM0326	K-1	700	30	DN250×2	DN300	DN40	DN65	DN50	4230	6830	3750	5750	13600
	J-1	753	37	DN250×2	DN300	DN40	DN65	DN50	4230	6830	3750	5750	13600
	O-1	555	11	DN250×2	DN250	DN50	DN65	DN65	3620	6830	4970	7250	15200
	N-1	608	15	DN250×2	DN250	DN50	DN65	DN65	3620	6830	4970	7250	15200
GOM0332	M-1	654	18.5	DN250×2	DN250	DN50	DN65	DN65	3620	6830	4970	7250	15200
	L-1	694	22	DN250×2	DN250	DN50	DN65	DN65	3620	6830	4970	7250	15200
	K-1	757	30	DN250×2	DN300	DN50	DN65	DN65	3620	6830	4970	7250	15200
	J-1	811	37	DN250×2	DN300	DN50	DN65	DN65	3620	6830	4970	7250	15200
GOM0332	N-1	658	15	DN250×2	DN250	DN50	DN65	DN65	3620	6830	5840	7950	16900
	M-1	703	18.5	DN250×2	DN300	DN50	DN65	DN65	3620	6830	5840	7950	16900
	L-1	741	22	DN250×2	DN300	DN50	DN65	DN65	3620	6830	5840	7950	16900
	K-1	805	30	DN250×2	DN300	DN50	DN65	DN65	3620	6830	5840	7950	16900
	J-1	857	37	DN250×2	DN300	DN50	DN65	DN65	3620	6830	5840	7950	16900
GOM0332	N-1	742	15	DN250×2	DN300	DN50	DN65	DN65	4230	6830	5840	8650	19400
	M-1	791	18.5	DN250×2	DN300	DN50	DN65	DN65	4230	6830	5840	8650	19400
	L-1	835	22	DN250×2	DN300	DN50	DN65	DN65	4230	6830	5840	8650	19400
	K-1	907	30	DN250×2	DN300	DN50	DN65	DN65	4230	6830	5840	8650	19400
	J-1	968	37	DN250×2	DN300	DN50	DN65	DN65	4230	6830	5840	8650	19400
I-1	1017	45	DN250×2	DN350	DN50	DN65	DN65	4230	6830	5840	8650	19400	

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.