

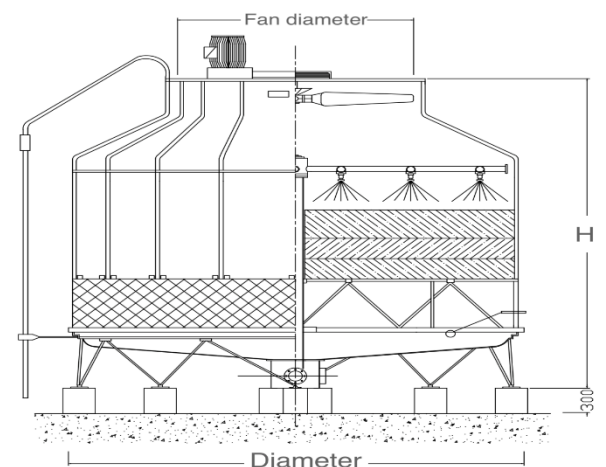
The Technical Specification of VOLGA-HVAC (VWT Series) Cooling Towers

Model:	Water Flow	Dimension (mm)		Fan		Water Pressure	Weight (kg)	
		Item	(m3/h)	Diameter (mm)	Height (mm)		Diameter (mm)	Motor (Hp)
VWT-10	10	1170	2370	600	0,25	18	120	460
VWT-20	20	1400	2400	770	0,75	20	180	860
VWT-30	30	1650	2420	890	1,5	20	240	1450
VWT-40	40	1830	2500	890	1,5	21	310	1790
VWT-50	50	2100	2550	1200	1,5	21	350	1970
VWT-60	60	2500	3100	1200	1,5	25	660	2310
VWT-70	70	2500	3100	1200	1,5	25	670	2340
VWT-80	80	2500	3000	1450	2,5	26	690	2400
VWT-90	90	2950	3800	1450	2,5	28	700	2400
VWT-110	100	2950	3800	1450	2,5	29	720	2450
VWT-125	125	2950	3600	1750	5,5	31	1020	2750
VWT-150	150	3420	3800	1750	5,5	32	1080	2940
VWT-175	175	3420	3700	2120	7,5	33	1320	4010
VWT-200	200	4160	4320	2120	7,5	38	1880	4880
VWT-225	225	4160	4220	2400	10.75	38	2180	5670
VWT-250	250	4730	4520	2400	10,75	40	2280	5800
VWT-300	300	4730	4320	2700	15	42	3450	7660
VWT-350	350	5760	5150	2700	15	43	3610	7800
VWT-400	400	5760	5000	3200	15	45	4850	11300
VWT-450	450	5760	4690	3400	20,5	46	4950	11500
VWT-500	500	6600	5500	3400	20,5	52	5240	12800
VWT-600	600	7600	5700	3700	20,5	55	5900	14600
VWT-700	700	7600	5700	4050	25,5	56	6350	15500

DESIGN CONDITION:

Entrance temp. $t_1=37^{\circ}\text{C}$
 Leaving temp. $t_2= 32^{\circ}\text{C}$
 Wet bulb temp. $t_{WB}=28^{\circ}\text{C}$
 Dry bulb temp. $t_{DB}=31.5^{\circ}\text{C}$
 Atmospheric pressure= 99.4 KPa

VOLGA COOLING TECHNOLOGIES, USA



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HVAC