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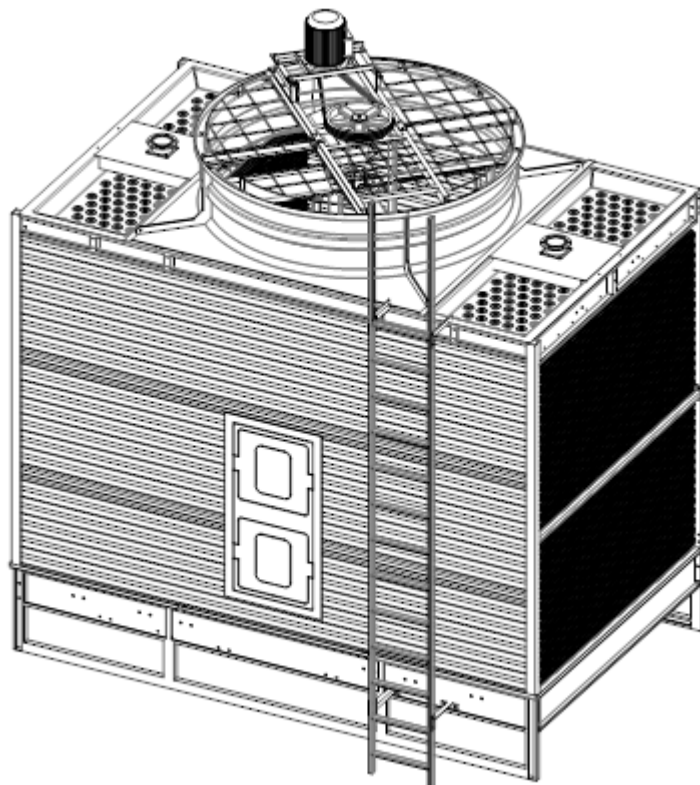
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NS Series Cross Flow Induced Draft Cooling Tower

Design Information



I. Outline of models

(open type, Cross-flow, and induced-draft)

Tower Model	Water Flow (US.GPM)	Dimensions(mm)					Fan Assembly				Cooling capacity (100-90-84 °F) Kcal/h
		Width	Length	Height			Motor			Fan Dia	
		W	L	h ₁	h ₂	H	Kw	Hp	Num/Set	D (mm)	
NS-9008	300	3480	1840	530	2933	3463	3	4	1	1520	378858
NS-9010	375	3780	2080	530	2933	3463	3	4	1	1820	473545
NS-9013	469	3780	2080	530	3133	3663	4	5.5	1	1820	592251
NS-9015	563	3980	2280	550	3545	4095	4	5.5	1	2020	710957
NS-9018	657	3980	2280	550	3755	4305	5.5	7.5	1	2020	839663
NS-9020	751	4240	2540	550	3755	4305	7.5	10	1	2220	948369
NS-9023	844	4640	2940	600	3910	4510	7.5	10	1	2520	1065796
NS-9025	938	4640	2940	600	4116	4716	7.5	10	1	2520	1184280
NS-9030	1126	5040	3340	650	4116	4766	11	15	1	2970	1421858
NS-9035	1313	5630	3340	650	3727	4377	11	15	1	2970	1658047
NS-9040	1501	5630	3340	650	4127	4777	15	20	1	2970	1895404
NS-9045	1689	6100	3800	1050	4125	5175	15	20	1	3420	2132816
NS-9050	1876	6100	3800	1050	4775	5795	18.5	25	1	3420	2368560

Tower Model	Connecting Pipe Dimension (inch)						Dry Wt. (Kg)	Operating Wt (Kg)	Tower Head (M)
	Inlet	Outlet	Drain	Over flow	Supplementary water				
	I	C	D	O	Auto(A)	Quick(M)			
NS-9008	80*2	125	50	50	25	25	980	1975	3.1
NS-9010	100*2	125	50	50	25	25	1060	2210	3.1
NS-9013	100*2	125	50	50	25	25	1180	2400	3.3
NS-9015	125*2	150	50	80	25	25	1230	2560	3.7
NS-9018	125*2	150	50	80	25	25	1330	2820	3.9
NS-9020	150*2	200	50	80	40	40	1540	3120	3.9
NS-9023	150*2	200	50	80	40	40	1650	3760	4.1
NS-9025	150*2	200	80	80	40	40	2060	4150	4.3
NS-9030	200*2	250	80	80	40	40	2410	4990	4.3
NS-9035	200*2	250	80	80	50	50	2560	5300	3.9
NS-9040	125*4	250	80	80	50	50	2870	6230	4.3
NS-9045	125*4	250	80	80	50	50	3520	6850	4.4
NS-9050	150*4	300	80	80	50	50	3800	7520	4.9

* Significance of the model names:

NS	-	9008
Cross flow, Open Cooling tower		Model Code

II. Drawings:

