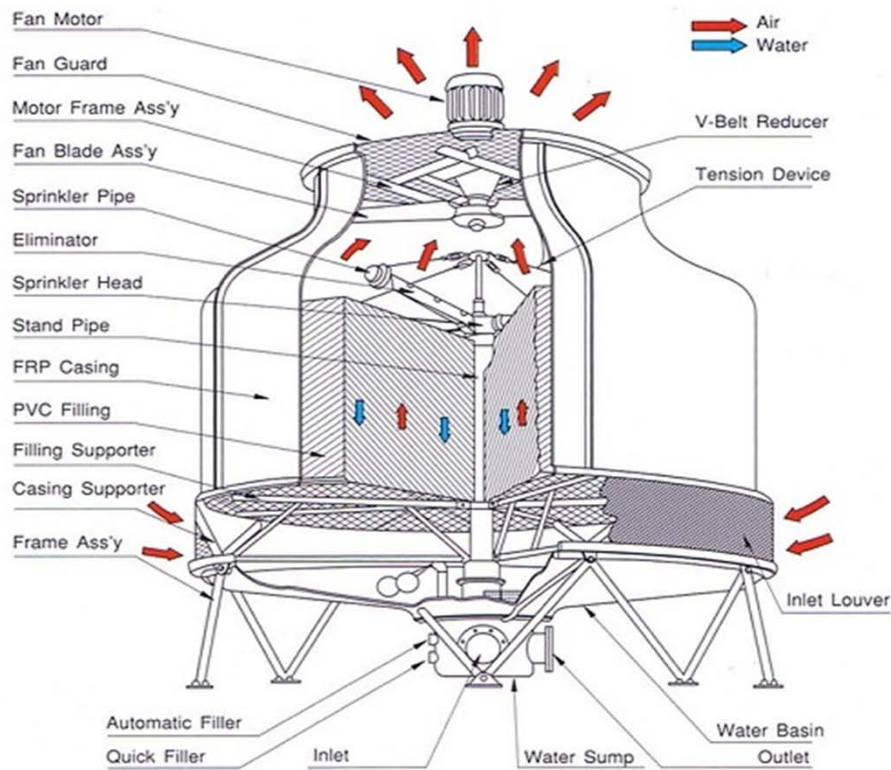


CONSTRUCTION AND INSTALLATION DATA



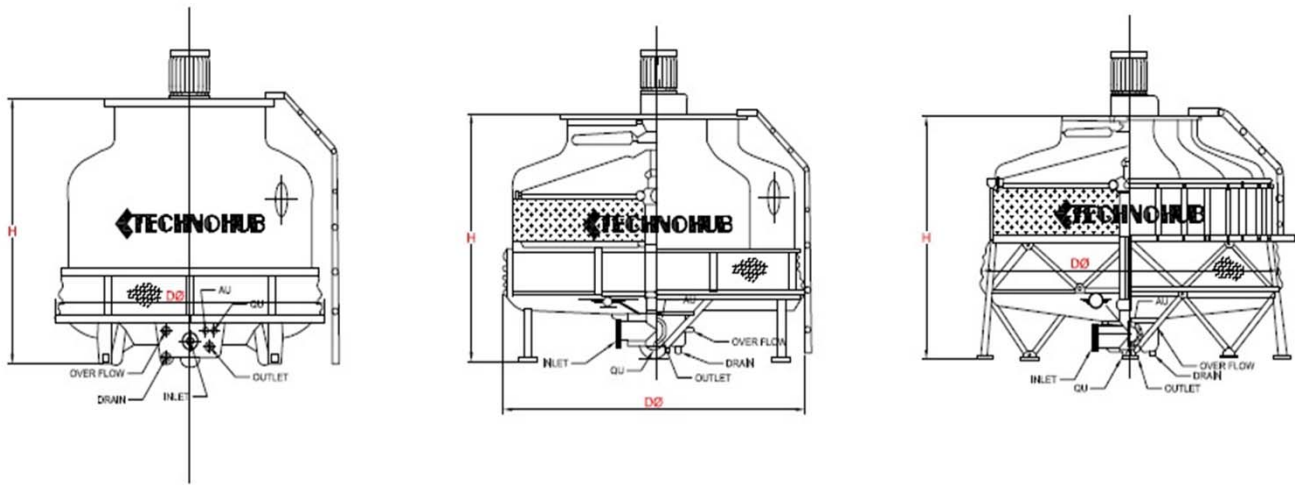
MATERIAL SPECIFICATION

MODEL TNH 0 10 15 25 25 30 40 50 60 70 80 100 125 150 175 200 225 250 350 400 500 600 700 800 1000 1500

MOTOR	220/380v. 3 Ph. 50/60 HZ (others available)												
FAN DRIVE	DIRECT DRIVE												
FAN BLADE	SVS												
CASING	GLASS FIBER REINFORCED PLASTIC												
SPRINKLER HEAD	SPECIAL ALUMINIUM ALLOY WITH STAINLESS STEEL SHAFT												
ELIMINATOR	NONE												
FILLER	PVC												
AIR INLET MESH	PVC												
LADDER	NONE												
MOTOR SUPPORT	HDGS												
CASING SUPPORT	GLASS FIBER REINFORCED PLASTIC												
BASIN SUPPORT	GLASS FIBER REINFORCED PLASTIC												
STRAINER	STAINLESS STEEL MESH OR PVC MESH												
WATER BASIN	GLASS FIBER REINFORCED PLASTIC												

TECHNICAL DATA

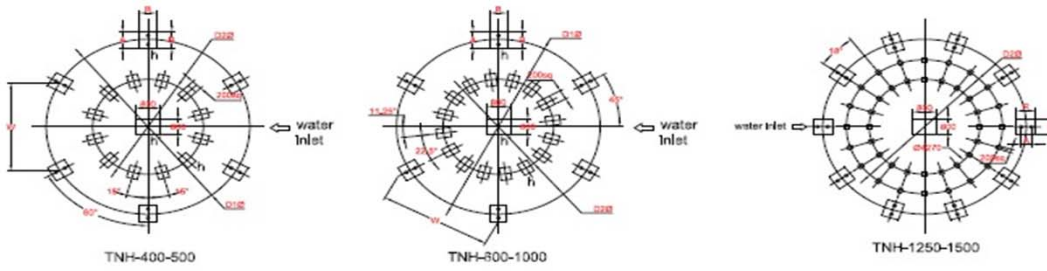
TNH - 3 to TNH - 1500



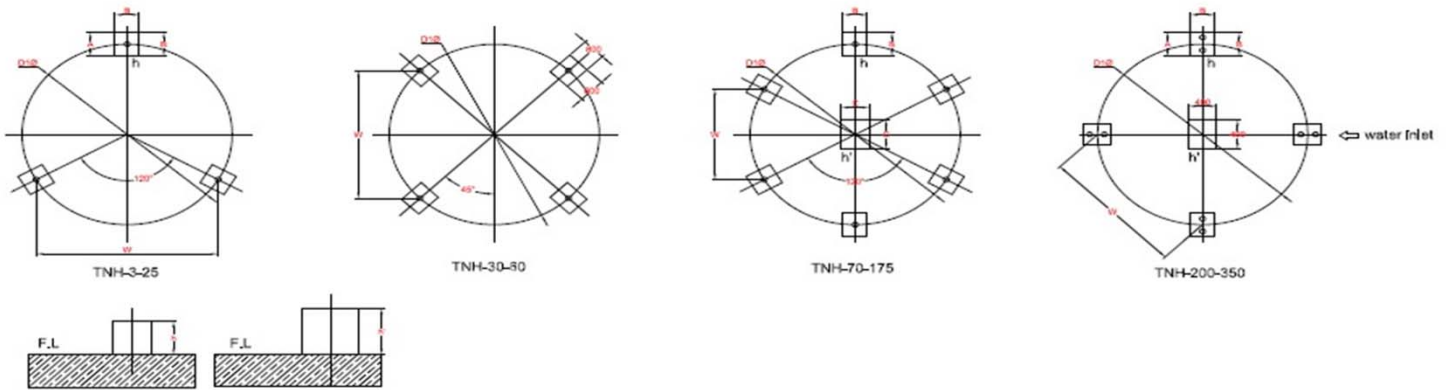
TOWER MODEL TNH	DIMENSION (mm)		PIPE CONNECTION (mm)						FAN MOTOR H.P.	FAN Dia mm	AIR VOLUME		NOMINAL WATER FLOW	
	H	D	OUTLET	INLET	OVER FLOW	DRAIN	AU	QU			Q/m	(CFM)	l/min	(USGPM)
3	1265	690	25	25	25	15	15		1/6	500	25	870	39	870
5	1335	850	40	40	25	20	15	15	1/6	500	60	2100	65	17.2
10	1370	1060	40	40	25	20	15	15	1/6	670	100	3500	103	34.3
15	1495	1170	50	50	25	25	15	15	1/4	670	135	4700	195	51.5
20	1600	1380	50	50	25	25	15	15	1/4	770	180	6300	260	68.7
25	1800	1380	65	65	25	25	15	15	1/2	770	200	7000	325	85.8
30	1735	1580	65	65	25	25	15	20	1	770	225	8100	390	103
40	1890	1760	65	65	25	25	20	20	1	970	280	9800	520	150
50	1890	1970	80	80	25	25	20	20	2	970	330	11500	650	172
60	1850	1970	80	80	25	25	20	20	2	1170	420	14700	780	206
70	1885	2175	100	100	25	25	20	20	2	1170	500	17500	910	240
80	1925	2175	100	100	25	25	20	20	2	1170	540	18900	1040	275
100	2070	2650	100	100	25	25	25	25	3	1470	700	24500	1300	343
125	2210	2950	125	125	50	25	25	25	3	1470	830	29060	1625	429
150	2265	3120	125	125	50	50	25	25	5	1470	950	33260	1950	515
175	2430	3120	125	125	50	50	25	25	5	1750	1150	40250	2275	601
200	2990	3710	150	150	50	50	32	32	5	1750	1250	43760	2600	687
225	2990	3710	150	150	50	50	32	32	7	2400	1750	61270	2925	773
250	2990	3710	200	200	100	50	32	32	7	2400	1750	61270	3250	859
300	3240	4300	200	200	100	50	32	32	10	2400	2200	77020	3900	1030
350	3280	4650	200	200	100	50	32	32	10	2400	2200	77020	4550	1202
400	3955	5180	200	200	100	50	50	50	15	3000	2600	91030	5200	1374
500	3995	5580	250	250	100	50	50	50	15	3000	2600	91030	6500	1717
600	4415	6600	250	250	100	50	50	50	20	3400	3750	125000	7800	2060
700	4450	6600	250	250	100	50	50	50	20	3400	3750	125000	9100	2404
800	5010	7600	300	300	100	80	65	65	30	3600	5000	175000	10400	2747
1000	5010	7600	300	300	100	80	65	65	30	3600	5000	175000	13000	3430
1250	5870	8430	300	300	152	80	65	65	40	4270	6200	217000	16250	4293
1500	6220	8430	350	350	152	80	65	65	50	4270	7500	262500	19500	5152

DIMENSION TABLE & PIPE CONNECTION

TNH - 3 to TNH - 1500

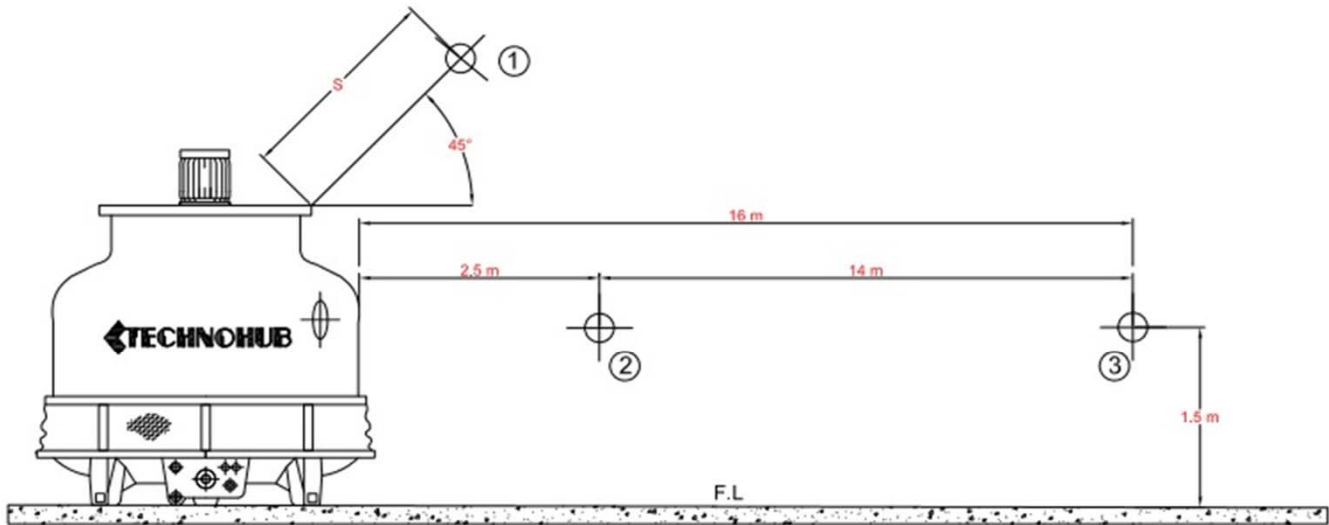


The Basin Support should be omitted if which is interrupted by any water piping



TOWER MODEL TNH	Weight (kg)		D1 mm	W mm	D2 mm	A mm	B mm	h1 mm	h2 mm	Anchor Bolt			Pump Head M.
	Dry	Operating								Size mm	Length mm	Qty Pcs.	
3	28	73	460	398			200	150		12	120	3	1.3
5	39	114	550	476			200	150		12	120	3	1.5
10	56	201	750	650			200	150		12	120	3	1.5
15	63	243	880	762			200	150		12	120	3	1.6
20	86	326	1120	970			200	150		12	120	3	1.7
25	103	403	1120	970			200	150		12	120	3	1.7
30	115	488	1330	940			200	150		12	120	4	1.8
40	168	515	1470	1039			250	200		12	120	4	2
50	197	597	1680	1188			250	200		12	120	4	2
60	229	669	1680	1188			250	200		12	120	4	2
70	277	707	1760	880			250	200	240	12	120	5	2
80	292	722	1760	880			250	200	240	12	120	5	2
100	403	1073	2350	1175			300	300	350	16	200	5	2.5
125	466	1356	2620	1310			300	300	300	16	200	5	3
150	625	2605	2860	1430			300	300	350	16	200	5	3
175	713	2676	2860	1430			300	300	350	16	200	5	3.2
200	870	3460	3390	2400		130	300	300	400	16	200	8	3.2
225	960	3520	3390	2400		130	300	300	400	16	200	8	3.2
250	1030	3690	3390	2400		130	300	300	400	16	200	8	3.6
300	1283	4543	3868	2735		140	300	300	400	16	200	8	3.6
350	1362	4620	4190	2962		140	300	300	400	16	200	12	4
400	2171	6811	5100	2550	2900	140	300	300	400	20	200	12	4
500	2428	7068	5500	2750	3100	140	300	300	400	20	200	16	4
600	3364	10744	6500	2488	3600	140	300	300	400	20	200	16	5
700	3567	10967	6500	2488	3600	140	300	300	400	20	200	16	5.5
800	4000	11980	7470	2858	4155	140	300	300	400	20	200	16	6
1000	4036	12436	7470	2858	4155	140	300	300	400	20	200	16	6
1250	6554	26064	8330	2574	6400	140	300	300	400	20	200	20	6.5
1500	7000	26512	8330	2574	6400	140	300	300	400	20	200	20	7

SOUND PRESSURE LEVEL



REMARK : 1. Point 1 is 45 extension line of fan discharge
 2. Distance "S"
 1) TNH - 125 & Downwards = 1.5 m
 2) TNH - 150 & Upwards = Fan Diameter

Tower Model	TNH - 3			TNH - 5			TNH - 8			TNH - 10			TNH - 15			TNH - 20			TNH - 25		
MEASURING POINT	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
SCALE A	62	59	48	62	59	48	63	58	47.5	64	59	48.5	69	66	53	69	66	53	70	67	57
Tower Model	TNH - 30			TNH - 40			TNH - 50			TNH - 60			TNH - 70			TNH - 80			TNH - 100		
MEASURING POINT	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
SCALE A	73	67	59	77	70	59	77	70	59	79	73	64	81	75	66	82	76	67	79	70	60
Tower Model	TNH - 125			TNH - 150			TNH - 175			TNH - 200			TNH - 225			TNH - 250			TNH - 300		
MEASURING POINT	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
SCALE A	84	74	64	77	71	62	80	75	68.0	79	73	63.0	76	71	62	76	71	62	77	72	63
Tower Model	TNH - 350			TNH - 400			TNH - 500			TNH - 600			TNH - 700			TNH - 800			TNH - 1000		
MEASURING POINT	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
SCALE A	77	72	63	79.5	74.5	65.5	79.5	74.5	65.5	77.5	72.5	63.5	77.5	72.5	63.5	78.5	74	65	80	75	66
Tower Model	TNH - 1250			TNH - 1500																	
MEASURING POINT	1	2	3	1	2	3															
SCALE A	90	80	65	90	80	65															