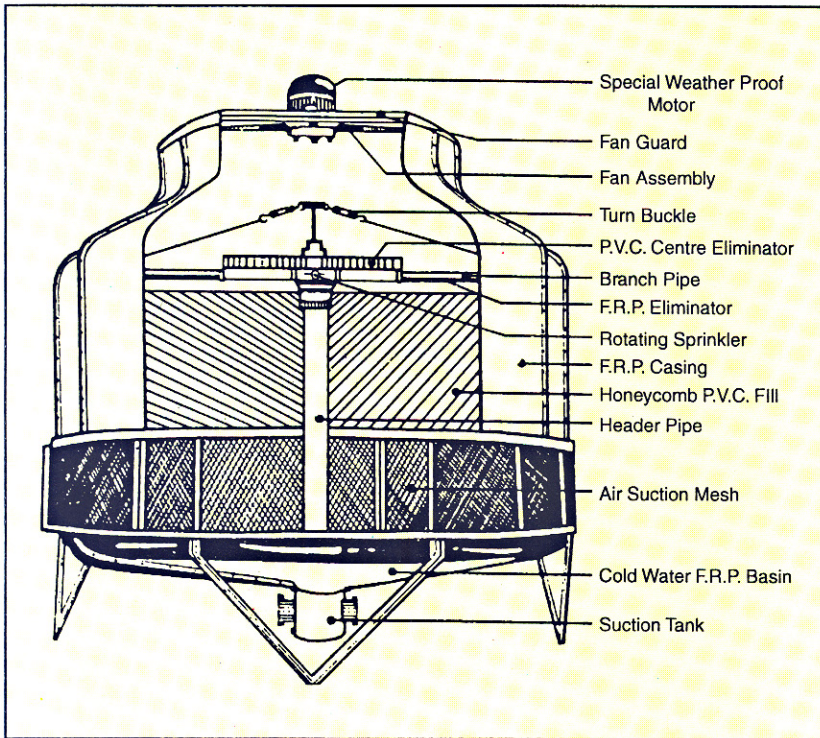


GENERAL ARRANGEMENT OF F.R.P. COOLING TOWER



SPECIFICATIONS

Casing. Made of Gel coated fibre glass reinforced polyester and resins.

Fill. Honeycomb and ring type P.V.C. fills are continuously vacuum formed and specially treated to provide the maximum contact area for heat exchange. The crossing of air and water streams in close proximity, creates a diffused turbulence conducive to evaporation and efficient heat transfer.

Sprinkler. Supertech's specially designed for uniform distribution of water over the honeycomb P.V.C. fill. There is no motor, but with the jet recoil force to rotate and distribute the water. This is made of aluminium/brass to avoid corrosion. It consists of P.V.C. pipes, on which a series of apertures are drilled longitudinally fitted on a light weight, P.V.C. rotary head and mounted on sealed ball-bearings.

Fan. Made of aluminium alloy, these blades are energy efficient. In conjunction with other features **SUPERTECH** towers economise significantly on power consumption.

Drift Eliminator. To reduce carry over losses through entrainment of moisture drop in air stream.

SUPERTECH COOLING TOWER PVT. LTD. employ a unique honeycomb channel structure to effectively remove moisture from the rising air stream at the crucial moment.

Supports and Hardware. All components like tower supports, motor supports, leg supports etc. are either hot dip galvanised or epoxy coated. Hardware is Galvanised Steel. Stainless Steel or Phosphor Bronze hardwares can be supplied on request at extra costs.

SELECTION AND TECHNICAL DATA

Model	Cooling Capacity		Dimensions		Fan Diameter (Inches)	Motor Capacity (HP)	Operating Weight (Kg)	Pump Head (Inches)
	Nominal TR	K. Cal/Hr x 1000	Height (Inches)	Diameter (Inches)				
SF-705	5TR	19	70	30	18	0.5	190	74
SF-707	7.5TR	28	80	38	24	1	270	80
SF-710	10TR	38	84	38	24	1	300	84
SF-715	15TR	56	84	56	28	1	350	84
SF-720	20TR	75	88	56	28	1	400	88
SF-725	25TR	94	88	56	28	2	475	88
SF-730	30TR	114	88	65	36	2	500	88
SF-735	35TR	132	92	74	36	2	525	92
SF-740	40TR	150	92	88	48	2	700	92
SF-750	50TR	188	120	88	48	3	825	120
SF-760	60TR	225	120	88	48	3	850	120
SF-780	80TR	300	120	120	60	3	1400	120
SF-7100	100TR	375	120	120	60	5	1500	120
SF-7115	115TR	431	128	120	60	7.5	1700	128
SF-7130	130TR	490	128	132	72	7.5	1800	128
SF-7150	150TR	565	128	132	72	7.5	1840	128
SF-7175	175TR	645	128	148	72	7.5	2180	128
SF-7200	200TR	750	128	148	72	10	2250	128
SF-7225	225TR	860	140	148	72	10	3500	140
SF-7250	250TR	940	140	192	92	10	3500	140
SF-7275	275TR	1045	140	192	92	10	3950	140
SF-7300	300TR	1125	142	192	92	10	4000	142
SF-7400	400TR	1500	148	232	120	12.5	6000	148