



Airtech

**FRP Cooling Towers
(Bottle Type)**

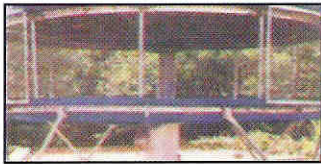


AIRTECH

FRP INDUCED DRAFT COUNTER FLOW COOLING TOWERS

- ▲ FRP Cooling Tower Metallic parts fully galvanised/powder coated/epoxy coated. Completely corrosion resistant.
- ▲ Direct Driven axial fan to avoid belt and gear drives.
- ▲ Bottle Type design to withstand high wind velocity. Sudden shocks and vibrations. Can absorb air from all directions.
- ▲ Absolutely leak proof.
- ▲ Honey comb PVC fill - increases surface area, splits incoming air and water into several streams spreading equally across the tower cross - section.
- ▲ Can take water temperature upto 80°C.
- ▲ Aesthetically designed, compact and low weight. Can be installed on roof - tops under free flow of air.

SUCTION TANK



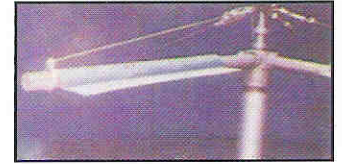
FAN MOTOR



PVC FILLINGS



SPRINKLER



MODEL	NOMINAL CAPACITY TR	HEAT REJECTION Kcal /Hr X 1000	DIMENSIONS		FAN DIA mm	MOTOR HP	OPERATING WEIGHT (Kg)	PUMP HEAD mm H ₂ O
			HEIGHT mm	DIAMETER mm				
ACT - 7.5	7.5	28	2000	1000	700	1.0	250	2000
ACT - 15	15	56	2000	1200	800	1.0	320	2000
ACT - 25	25	94	2200	1800	1000	2.0	450	2400
ACT - 30	30	113	2200	1800	1000	2.0	500	2400
ACT - 40	40	150	2800	2100	1200	2.0	700	3000
ACT - 50	50	189	2800	2200	1250	2.0	800	3000
ACT - 60	60	226	2800	2200	1250	3.0	1300	3000
ACT - 80	80	300	3000	2800	1500	3.0	1500	3000
ACT - 100	100	378	3000	2800	1500	5.0	1500	3000
ACT - 125	125	469	3000	3100	1500	5.0	1700	3200
ACT - 150	150	563	3000	3100	1500	7.5	1800	3200
ACT - 175	175	656	3200	3600	1800	7.5	2100	3400
ACT - 200	200	750	3200	3600	1800	10.0	2300	3400
ACT - 250	250	938	3500	4000	1800	10.0	3000	3700
ACT - 300	300	1126	3500	4000	1800	10.0	3500	3700
ACT - 400	400	1500	3700	5800	3000	15.0	5500	4000

* **NOTE** : - Nominal data based on 15 L.P.M. (4 USGPM per TR) Water Inlet 36.4°C (97.5°F), Water outlet 32.2°C (90.0°F) & Wet Bulb 28.3°C (83.0°F). For capacities in other conditions please contact us.
BIGGER CAPACITIES COOLING TOWERS ARE AVAILABLE ON DEMAND.

Airtech Cooling
PROCESS (Pvt.) Ltd

(Formally known as M/s Airtech Engineers)

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