



EVAPORATIVE COOLING TOWER



Imported Copper Tubes

Constructed of Heavy wall steel - Header Pipes

Galvanized Steel Frame structure

Capacity	:	150 KVA to 2000 KVA (Diesel Genset)
Inlet Water Pressure	:	2 to 3 bar g
Inlet Water Temperature	:	75 to 90 deg C
Outlet Water Temperature	:	AMP + 4 deg



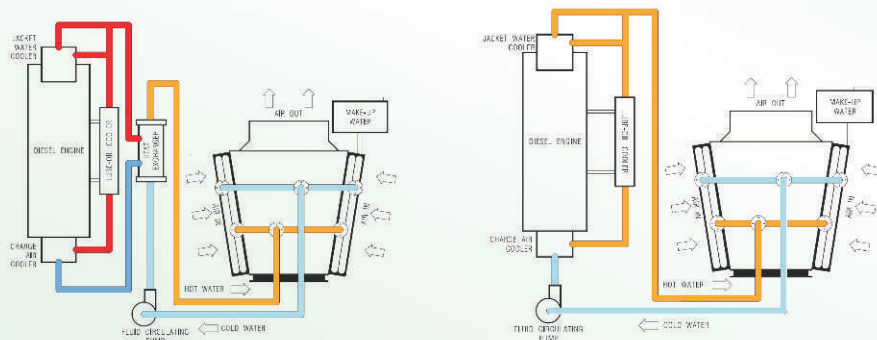
Working Principle

Coil Cooling Tower is an equipments which is used to cool and maintain the temperature of process hot water at a particular level. This operates on the principle of heat transfer by a heat exchanger with extended fins. The fan is driven by an Electric Motor. Dry cooling Towers is mounted on a heavy duty channel base frame. Non corrosive fibre glass/GI panels are used for enclosure. Aero dynamically balanced high efficiency axial flow fans with low noise are used. The motors are IP 55 class with extended SS shaft. The low speed of the motor minimises noise and increases efficiency. Motors are specially designed to withstand moisture rain and dust. The hot water from the diesel engine is sent to the inlet of the Dry Cooling Tower. This hot water is cooled and cold water from the outlet of the cooling tower is connected to a pump which pumps the water to the diesel engine (or any other load) to pick up the heat from the generator

Technical Specification

Model	Capacity	Motor Power		Motor	Dia of Fan	Over All Dimensions in mm			Pressure Drop	Water Holding	IN/ OUT Size
	TR	Hp	Rpm	Qty	mm	l	w	h	bar (max)	litre	NB
WCC 40	40	3	960	2	1060	3300	1500	1400	0.5	72	3" / 3"
WCC 60	60	5	960	2	1060	3500	1500	1400	0.5	110	3" / 3"
WCC 80	80	5	960	2	1200	3300	1500	1700	0.5	140	3" / 3"
WCC 100	100	5	960	2	1200	3500	1500	2750	0.5	180	3" / 3"
WCC 120	120	7.5	960	2	1200	3750	1500	2750	0.5	220	3" / 3"
WCC 140	140	7.5	960	2	1200	4300	1500	2750	0.5	250	3" / 3"
WCC 160	160	7.5	960	3	1200	4800	1500	2750	0.5	280	4" / 4"
WCC 180	180	7.5	960	3	1200	5400	1500	2750	0.5	325	4" / 4"
WCC 200	200	7.5	960	4	1200	6000	1500	2500	0.5	360	4" / 4"
WCC 220	220	7.5	960	4	1200	6500	1500	2500	0.5	390	4" / 4"
WCC 240	240	7.5	960	4	1200	7000	1500	2500	0.5	430	4" / 4"

Typical Installation



Application

Automobile Industry
 Chemical Industry
 Electronics Industry
 Food & Beverage Industry
 Glass Industry
 Pharmaceutical Industry
 Textile Industry
 Cement Plants
 Distilleries / Breweries
 Health Care / Hospitals



* Specifications are subject to change due to up gradation in all industries

Manufacturer

Authorized Channel Partner :

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