

## Cooling Tower

### Closed Circuit

Is used for cooling water and other fluids.

fluid temperature drops without contacting the air , so air contaminants don't mix with the fluid . They are fabricated in three main parts.

- 1- Coil section
- 2- Fan section
- 3- Water shower section and basin .

1- The **coil section** is made of copper tubes .

Stainless Steel pipe and galvanized steel pipes are options per order .

2- The **fan** is centrifugal forward curved type , statically and dynamically balanced . fan capacity depends on tower capacity and its cross sectional area . Motor is motogen : 380 – 3 – 50

3- **Water shower** section is made of galvanized steel pipes and brass nozzles .

Basins are made of galvanized steel sheets and epoxy painted .

Pump is selected from famous brands .

