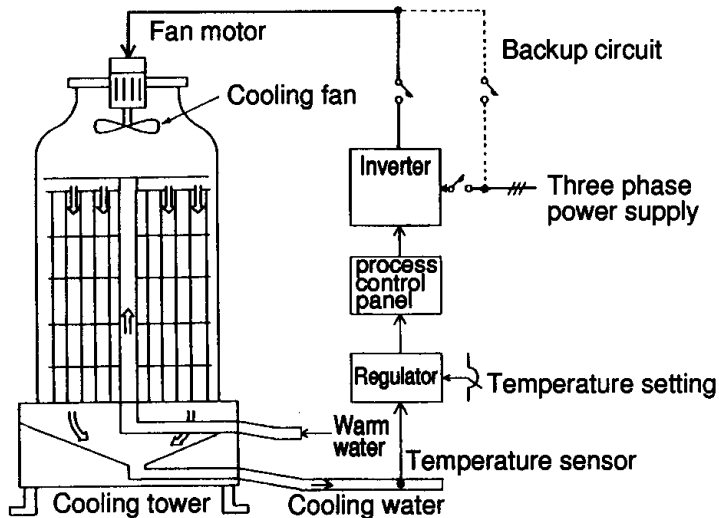


CONTANT TEMPERATURE CONTROL FOR COOLING TOWER WATER

Main Driver:
VFA7, VFS9



The temperature of the cooling water is automatically kept constant by varying the revolution of the cooling fan controlled by sensing the temperature of the outlet cooling water.

Advantages of adopting an inverter

1. Energy saving
Cooling capability can be reduced at night, and energy saving will result by reducing the revolutions of the fan motor.
2. Reduces noise
Reduction of fan revolutions at night lowers noise.

Note on application

1. A commercial source operated backup circuit is provided in order to counter failure of the inverter.
2. Idle time being long normally, a proportional integration type regulator is not suitable. A proportional type is recommended.