COOLING TOWER

http://spxcooling.com/products/marley-nc-class-cooling-tower
Typical Use:
- Building's Cooling System

1 Water used in the building's cooling system is sent to the cooling tower.

2 The warm water is sprayed onto an exchange surface.

3 Outside air is pushed through the cooling tower using an exhaust fan located at the top of the device.

4 The mist mixes with the outside air at the exchange surface.

5 Water is collected in a cooling basin at the bottom of the cooling tower.

6 The cool water is sent back to the building's cooling system for use.
EVAPORATIVE CONDENSER

EVAPORATIVE CONDENSER

Typical Use:
- Building's Cooling System

1 Fluid is pumped to the evaporative condenser and is sent through a series of coils in order to transfer heat from the fluid to water within the evaporative condenser.

2 Water is sprayed onto the coils.

3 Outside air is drawn through the evaporative condenser using an exhaust fan located at the top of the device.

4 The coil section rejects heat through evaporative cooling using the fresh air stream and cooled recirculating spray water. The fluid exits the cooler at a lower temperature.

5 Water is collected in a cooling basin at the bottom of the evaporative condenser before being pumped back to the top to continue the process.
FLUID COOLER

http://spxcooling.com/products/marley-mh-fluid-cooler
Typical Use:
- Industrial Processes
- Energy Production System

1. Process fluid is pumped internally through the coil.

2. Recirculating water is sprayed over the outside of the coil.

3. A small portion of recirculating water is evaporated by air drawn through the coil, cooling the process fluid.

4. The coil section rejects heat through evaporative cooling using the fresh air stream and cooled recirculating spray water. Process fluid exits the cooler at a lower temperature.

5. Recirculating water falls from the coil into a cooling basin and is then pumped back up.